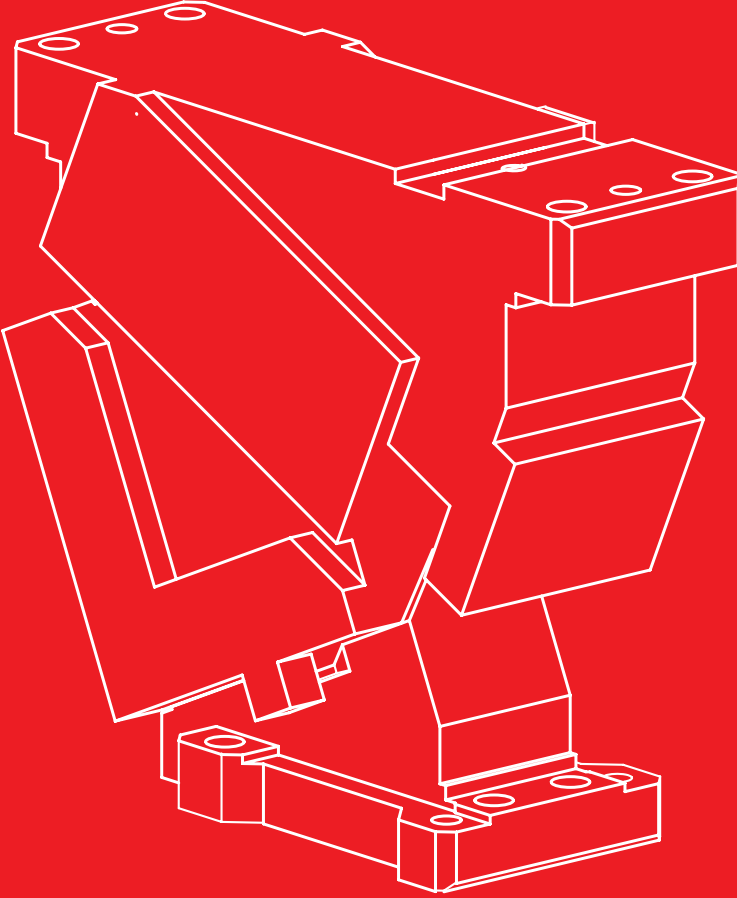
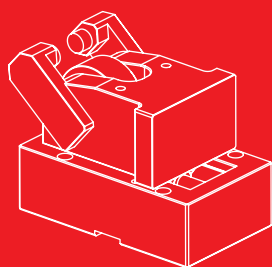
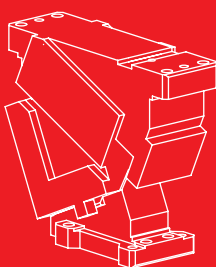
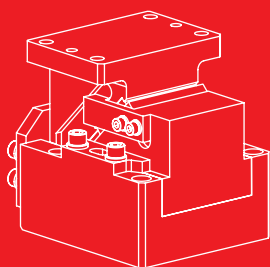




**KAM ÜNİTELERİ
CAM UNITS
SCHIEBER**



2024



More than a Company

GSB OILLESS was established in 1996 in Istanbul as a trading company with a core and ambitious mission in order to provide outstanding services and premium equipments destined to sheet metal forming dies. In 5 years we managed to acquire a significant market share and asserted ourselves as the leaders in Turkey. We recalibrated our aim from trading to producing, and pursued our mission to become a main global player. Today, since 1996, we manufacture and export to almost every major automotive group in 5 different continents and 28+ countries. We firmly acknowledge that our growth is the definitive proof of the passion that our employees have dedicated to this company. As such, a significant share of our earnings is used to make our workplace safer and more welcoming. At GSB OILLESS we invest in productive processes, technology, and particularly in our human capital.



Bir şirketten fazlası

GSB Oiless firmasını 1996 yılında İstanbul'da sac metal şekillendirme kalıpları için üstün hizmet ve yüksek kalite standart kalıp elemanları tedarik etmek amacıyla kurduk. Kuruluşumuzun ardından 5 yıl içerisinde önemli bir pazar payını elde etmeyi başardık ve firmamızı Türkiye lideri olarak konumlandırdık. Daha sonra misyonumuzu ticaretten üretime taşıdık ve yolumuza bu sektörde ana global oyuncularından biri olma hedefiyle devam ettik. Bugün, 1996 yılından bu yana, beş farklı kıtada, yirmi sekizin üzerinde ülkede, lider otomotiv gruplarının neredeyse hepsine üretim ve ihracat yapıyoruz. Kesin olarak kabul ediyoruz ki büyümemiz, çalışanlarımızın azmi ve bu şirkete gösterdikleri bağlılığın sonucudur. Gelirimizin önemli bir kısmı işyerimizi daha güvenli ve iyi hale getirmek için harcanmaktadır. GSB Oiless' de bizler, üretken süreçler ve teknolojinin yanı sıra insan kaynağına da yatırım yapmaktayız.



Mehr als nur eine Firma

Wir haben 1996 GSB Oiless als Handelsunternehmen in Istanbul mit einer klaren und ehrgeizigen Mission um erstklassigen Service und Premium Zubehör für die Stanz- und Umformtechnik gegründet. Innerhalb von 5 Jahren war es uns gelungen, einen signifikanten Marktanteil zu erobern und positionierten uns als Marktführer in der Türkei. Als nächster Schritt war unsere Zielsetzung eine eigene Produktion für diesen Markt und peilten fortan eine globale Bekanntheit an. Heute, seit 1996, produzieren und exportieren wir für fast alle bekannten automobilen Marken in 5 Kontinenten und in mehr als 28 Länder. Wir führen unser Wachstum und unseren Erfolg darauf zurück, das unsere Mitarbeiter mit großer Leidenschaft und Hingabe für Ihre Firma arbeiten. Aus diesem Grund investieren wir auch einen erheblichen Anteil unserer Erlöse, um die Arbeitsplätze sicherer und komfortabler zu gestalten. Bei GSB Oiless investieren wir in Produktionsoptimierung, Technologie und ganz besonders in unsere menschliche Ressourcen.



Duyarlılık ve Azmin Ürünü

Bu katalogda sizlere, altmıştan fazla çalışanımızın azimli ve titiz çalışmalarının ürünlerini sunmaktayız. Toplum sağlığına ve çevreye duyarlılığımız, sosyal sorumluluk anlayışımızla birleşince kalite yönetim sistemleri için ISO 9001 sertifikasını, çevre yönetim sistemleri için ISO 14001 sertifikasını ve mesleki sağlık ve güvenlik yönetimi sistemleri için de ISO 45001 sertifikasını almamıza olanak sağlamıştır. GSB OILLESS' de bizler, üretken süreçler ve teknolojinin yanı sıra insan kaynağına da yatırım yapmaktayız.

Driven By Precision and Ambition

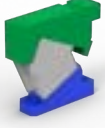
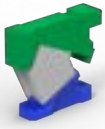
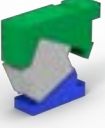
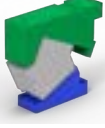
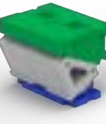
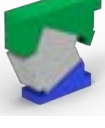
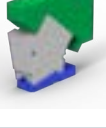
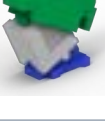
In this catalog we present you the result of our ambition and of the hardwork of our 60+ employees. The pursuit of precision and social responsibility allowed us to obtain the ISO 9001 certification for quality management systems, the ISO 14001 certification for environment management systems, and the ISO 45001 certification for occupational health and safety management systems. At GSB OILLESS we invest in productive processes, technology, and particularly in our human capital.



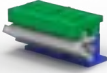
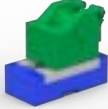
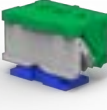
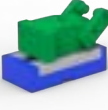
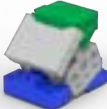
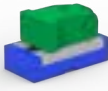
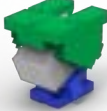
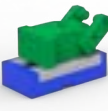
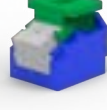
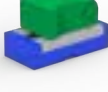
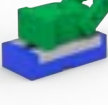
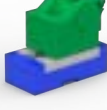
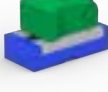
Getrieben von Präzision und Ehrgeiz

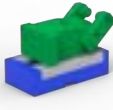
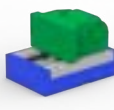
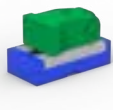
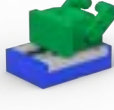
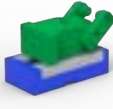
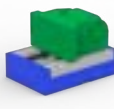
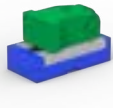
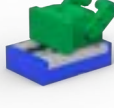
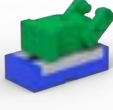
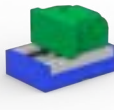
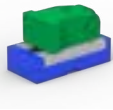
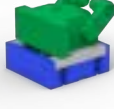
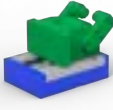
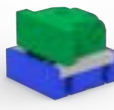
In diesem Katalog präsentieren wir das Resultat von Ehrgeiz und harter Arbeit unserer mehr als 60 Mitarbeiter. Das Streben nach Präzision und sozialer Verantwortung führte zur Erlangung des ISO 9001 Zertifikats für Qualitäts Management Systeme, die ISO 14001 Zertifizierung für Umweltmanagement, sowie die Zertifizierung nach ISO 45001 für Gesundheit und Sicherheitsmanagement. Bei GSB OILLESS investieren wir in Produktionsoptimierung, Technologie und ganz besonders in unsere menschliche Ressourcen.

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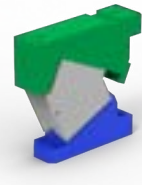
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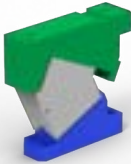
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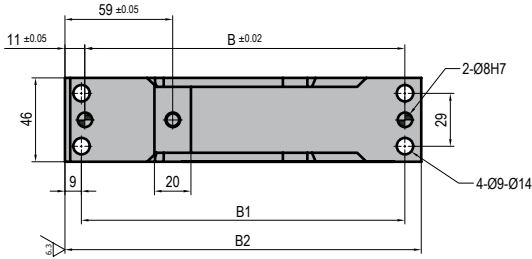
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info@gsb-oilles.com

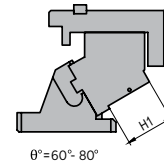
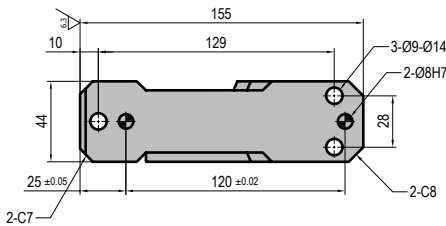
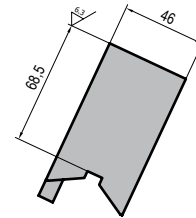
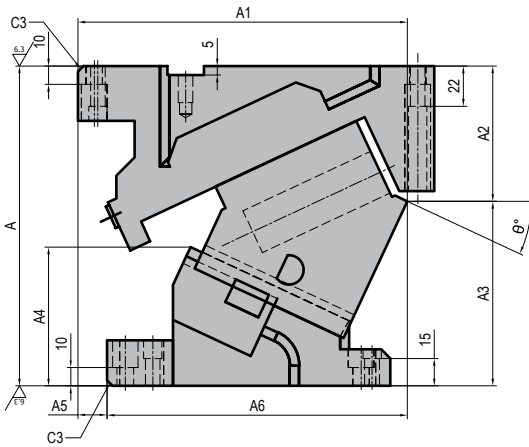
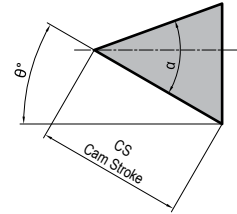
Type	Catalog No:	Cam Width (mm)	Stroke	Angle (5-degree increments)	Spring Type
	K801-01-046	46	Short	0°- 80°	Gas Spring (Special Spring)
	K801-02-046		Long	0°- 50°	
	K801-01-058	58	Short	0°- 80°	
	K801-02-058		Long	0°- 50°	
	K801-01-072	72	Short	0°- 80°	
	K801-02-072		Long	0°- 50°	
	K801-03-046	46	Short	0°- 80°	
	K801-04-046		Long	0°- 50°	
	K801-03-058	58	Short	0°- 80°	
	K801-04-058		Long	0°- 50°	
	K801-03-072	72	Short	0°- 80°	
	K801-04-072		Long	0°- 50°	
	K801-04-100	100	Long	0°- 70°	
	K801-04-140	140	Long	0°- 70°	
	K801-04-200	200	Long	0°- 70°	
	K801-04-300	300	Long	0°- 70°	
	K801-04-400	400	Long	0°- 70°	
	K801-05-046	46	Short	0°- 80°	
	K801-06-046		Long	0°- 50°	
	K801-05-058	58	Short	0°- 80°	
	K801-06-058		Long	0°- 50°	
	K801-05-072	72	Short	0°- 80°	
	K801-06-072		Long	0°- 50°	
	K801-06-100	100	Long	0°- 70°	
	K801-06-140	140	Long	0°- 70°	
	K801-06-200	200	Long	0°- 70°	
	K801-06-300	300	Long	0°- 70°	
	K801-06-400	400	Long	0°- 70°	
	K801-07-046	46	Short	0°- 80°	
	K801-08-046		Long	0°- 50°	
	K801-07-058	58	Short	0°- 80°	
	K801-08-058		Long	0°- 50°	
	K801-07-072	72	Short	0°- 80°	
	K801-08-072		Long	0°- 50°	

Type	Catalog No:	Mounting Face		Working Angle	Cam Stroke	Working Force (kN/tonf)		Shut Height	Gas Spring Force (N)		Rear Removal Space L (mm)	Weight (kg)	Gas Spring (Special Spring)
		Width	Height			1.000.000 Strokes	300.000 Strokes		Final Load	Re-turn Force			
	K801-01-046	46	68,5	0°	20,6	22,0	29,1	175	2887	3827	3,3	6,9	M200-038-B-YW
	K801-03-046					30,6	41,0						
	K801-05-046					36,6	49,0						
	K801-07-046			49,0	49,0								
	K801-01-046			22,0	29,1								
	K801-03-046			30,6	41,0								
	K801-05-046			36,6	49,0								
	K801-07-046			49,0	49,0								
	K801-01-046			22,0	29,1								
	K801-03-046			30,6	41,0								
	K801-05-046			36,6	49,0								
	K801-07-046			49,0	49,0								
	K801-01-046			22,0	29,1								
	K801-03-046			30,6	41,0								
	K801-05-046			36,6	49,0								
	K801-07-046			49,0	49,0								
	K801-01-046			22,0	29,1								
	K801-03-046			30,6	41,0								
	K801-05-046			36,6	49,0								
	K801-07-046			49,0	49,0								
	K801-01-046			22,0	29,1								
	K801-03-046			30,6	41,0								
	K801-05-046			36,6	49,0								
	K801-07-046			49,0	49,0								
	K801-01-046			22,0	29,1								
	K801-03-046			30,6	41,0								
	K801-05-046			36,6	49,0								
	K801-07-046			49,0	49,0								
	K801-01-046			22,0	29,1								
	K801-03-046			30,6	41,0								
	K801-05-046			36,6	49,0								
	K801-07-046			49,0	49,0								
	K801-01-046			22,0	29,1								
	K801-03-046			30,6	41,0								
	K801-05-046			36,6	49,0								
	K801-07-046			49,0	49,0								
K801-01-046	22,0	29,1											
K801-03-046	30,6	41,0											
K801-05-046	36,6	49,0											
K801-07-046	49,0	49,0											

Type	Catalog No:	Mounting Face		Working Angle	Cam Stroke	Working Force (kN/tonf)		Shut Height	Gas Spring Force (N)		Rear Removal Space L (mm)	Weight (kg)	Gas Spring (Special Spring)
		Width	Height			1.000.000 Strokes	300.000 Strokes		Final Load	Re-turn Force			
	K801-01-046	46	83,5	55°	45,3	22,0	29,1	185	2715	3893	72,0	7,3	M200-038-B-YW
	K801-03-046					30,6	41,0						
	K801-05-046					36,6	49,0						
	K801-07-046					49,0	49,0						
	K801-01-046		75,0	60°	46,0	22,0	29,1	190	2948	4674	70,9	7,5	M200-025-B-YW
	K801-03-046					30,6	41,0						
	K801-05-046					36,6	49,0						
	K801-07-046					49,0	49,0						
	K801-01-046			65°	47,3	22,0	29,1	195	2819	5038	77,0	7,9	
	K801-03-046					30,6	41,0						
	K801-05-046					36,6	49,0						
	K801-07-046					49,0	49,0						
	K801-01-046			70°	49,7	22,0	29,1		2689	5559	81,7	8,0	
	K801-03-046					30,6	41,0						
	K801-05-046					36,6	49,0						
	K801-07-046					49,0	49,0						
	K801-01-046		80,0	75°	50,2	22,0	29,1		2854	7057	87,1	8,3	M200-015-B-YW
	K801-03-046					30,6	41,0						
	K801-05-046					36,6	49,0						
	K801-07-046					49,0	49,0						
	K801-01-046			80°	57,6	22,0	29,1	2750	8540	94,1	8,6	M200-013-B-YW	
	K801-03-046					30,6	41,0						
	K801-05-046					36,6	49,0						
	K801-07-046					49,0	49,0						



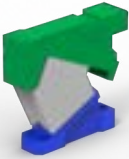
Cam Diagram

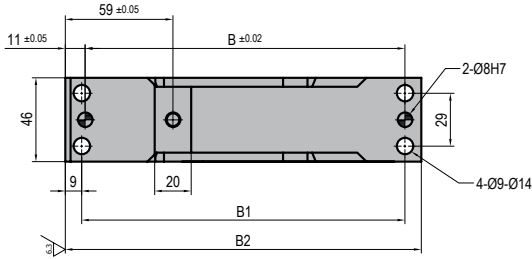


Stroke (ST)	Width (W)	Height (H)	Height (H1)	θ	A	A1	A2	A3	A4	A5	A6	B ±0,02	B1	B2	α	Cam Stroke (CS)	
Short	46	68,5	-	0°	175,00	160,00	57,00	118,00	45,20	28,00	132,00	150,00	152,00	170,00	50°	20,60	
				5°		163,89	60,44	114,56	50,60	25,00	138,89	155,00	157,00	175,00		22,70	
				10°		167,66	64,77	110,23	55,40	22,00	145,66	160,00	162,00	180,00		24,90	
				15°		170,31	67,99	107,01	61,80	18,00	152,31	165,00	167,00	185,00		27,10	
				20°		170,87	71,01	103,91	68,70	12,00	158,87					29,50	
				25°		170,34	74,06	100,94	76,00	6,00	164,34					32,00	
				30°		168,72	76,89	98,11	84,60	2,00	170,20					34,70	
				35°		167,40	79,58	95,42	92,60	9,00	176,04					37,70	
				40°		164,31	83,12	91,88	102,30	21,00	185,31					41,10	
				45°		162,54	85,51	89,49	112,30	28,00	190,54					45,10	
				50°	180,00	156,73	93,74	86,26	119,90	38,00	194,73	160,00	162,00	180,00		49,80	
		83,5	55°	185,00	161,23	102,82	82,18	109,60	45,00	206,23	55°					45,30	
		-	75,0	60°	190,00	157,78	111,81	78,19	112,20	50,00	207,78					60°	46,00
		-		65°	195,00	155,23	113,72	81,28	115,20	62,00	217,23					65°	47,30
		-		70°		152,36	115,46	79,54	118,60	73,00	225,36					70°	49,70
		-		75°		151,38	117,45	77,55	120,60	84,00	235,38					75°	50,20
		-		80,0		80°	150,82	118,42	76,58	126,10	94,00	244,82	80°	57,60			

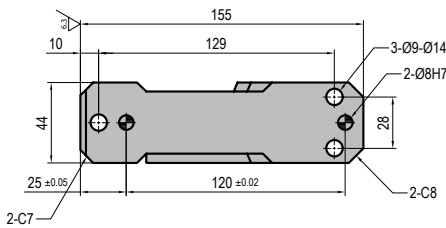
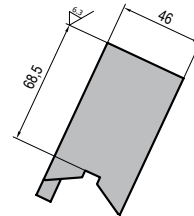
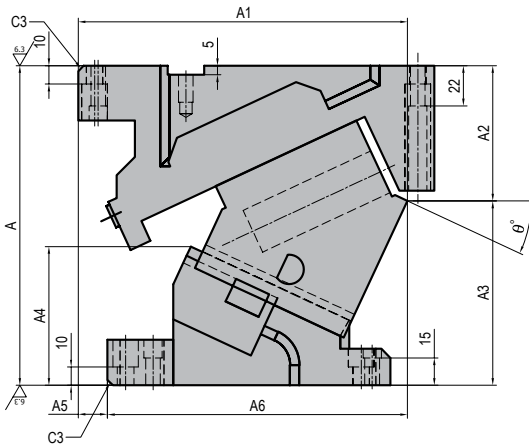
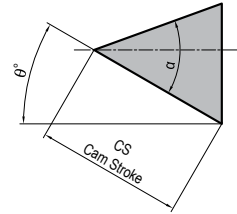
Order Example:
Catalog No : K801-01 W= 46, θ= 5, GS

Order Code: K801-01-046-05-GS

Type	Catalog No:	Mounting Face		Working Angle	Cam Stroke	Working Force (kN/tonf)		Shut Height	Gas Spring Force (N)		Rear Removal Space L (mm)	Weight (kg)	Gas Spring (Special Spring)
		Width	Height			1.000.000 Strokes	300.000 Strokes		Final Load	Re-turn Force			
	K801-02-046	46	68,5	0°	28,9	22,0	29,1	175	2959	3923	0,0	7,3	M200-050-B-YW
	K801-04-046					30,6	41,0						
	K801-06-046					36,6	49,0						
	K801-08-046			5°	31,9	49,0	49,0						
	K801-02-046					22,0	29,1						
	K801-04-046					30,6	41,0						
	K801-06-046					36,6	49,0						
	K801-08-046			10°	35,0	49,0	49,0						
	K801-02-046					22,0	29,1						
	K801-04-046					30,6	41,0						
	K801-06-046					36,6	49,0						
	K801-08-046			15°	38,2	49,0	49,0						
	K801-02-046					22,0	29,1						
	K801-04-046					30,6	41,0						
	K801-06-046					36,6	49,0						
	K801-08-046			20°	41,5	49,0	49,0						
	K801-02-046					22,0	29,1						
	K801-04-046					30,6	41,0						
	K801-06-046					36,6	49,0						
	K801-08-046			25°	45,0	49,0	49,0						
	K801-02-046					22,0	29,1						
	K801-04-046					30,6	41,0						
	K801-06-046					36,6	49,0						
	K801-08-046			30°	48,8	49,0	49,0						
	K801-02-046					22,0	29,1						
	K801-04-046					30,6	41,0						
	K801-06-046					36,6	49,0						
	K801-08-046			35°	53,1	49,0	49,0						
	K801-02-046					22,0	29,1						
	K801-04-046					30,6	41,0						
	K801-06-046					36,6	49,0						
	K801-08-046			40°	57,9	49,0	49,0						
	K801-02-046					22,0	29,1						
	K801-04-046					30,6	41,0						
	K801-06-046					36,6	49,0						
	K801-08-046			45°	62,0	49,0	49,0						
	K801-02-046					22,0	29,1						
	K801-04-046					30,6	41,0						
	K801-06-046					36,6	49,0						
	K801-08-046			50°	62,2	49,0	49,0						
	K801-02-046					22,0	29,1						
	K801-04-046					30,6	41,0						
	K801-06-046					36,6	49,0						
	K801-08-046					49,0	49,0						

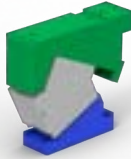


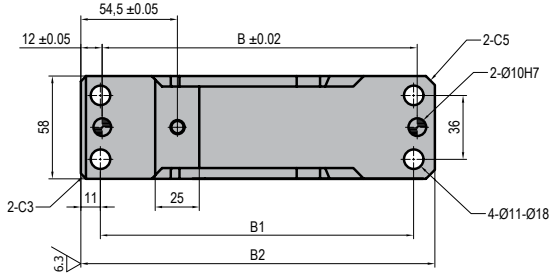
Cam Diagram



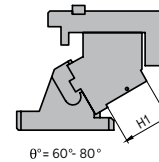
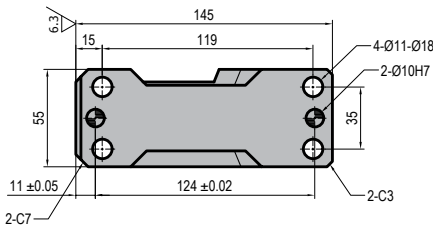
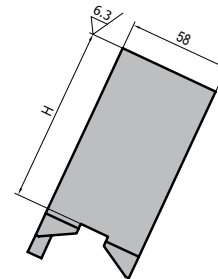
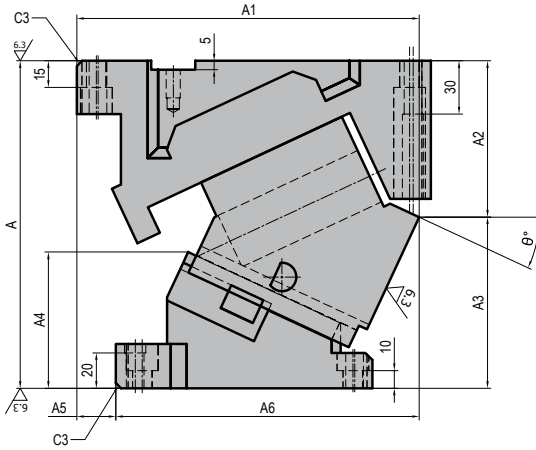
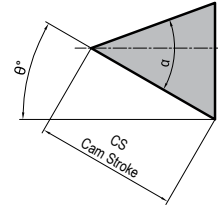
Stroke (ST)	Width (W)	Height (H)	θ	A	A1	A2	A3	A4	A5	A6	B ±0,02	B1	B2	α	Cam Stroke (CS)
Long	46	68,50	0°	175,00	170,00	57,00	118,00	45,20	38,00	132,00	160,00	162,00	180,00	50°	28,90
			5°		173,89	60,44	114,56	50,60	35,00	138,89	165,00	167,00	185,00		31,9
			10°		177,66	64,77	110,23	55,40	32,00	145,66	170,00	172,00	190,00		35,00
			15°		180,31	67,99	107,01	61,80	28,00	152,31	175,00	177,00	195,00		38,20
			20°		180,87	71,09	103,91	68,70	22,00	158,87					41,50
			25°		180,34	74,06	100,94	76,00	16,00	164,34	177,00	179,00	197,00		45,00
			30°		180,72	76,89	98,11	84,60	10,00	170,72					48,80
			35°		179,04	79,58	95,42	92,60	3,00	176,04					53,10
			40°		176,31	83,12	91,88	102,30	9,00	185,31					57,90
			45°		172,54	85,51	89,49	112,30	18,00	190,54	175,00	177,00	195,00		62,00
			50°	180,00	161,73	93,74	86,26	119,90	33,00	194,73	170,00	172,00	190,00		62,20

Type	Catalog No:	Mounting Face		Working Angle	Cam Stroke	Working Force (kN/tonf)		Shut Height	Gas Spring Force (N)		Rear Removal Space L (mm)	Weight (kg)	Gas Spring (Special Spring)	
		Width	Height			1.000.000 Strokes	300.000 Strokes		Final Load	Re-turn Force				
	K801-01-058	58	67	0°	21,2	27,7	37,0	185	2915	3876	0,0	9,9	M200-038-B-YW	
	K801-03-058					42,3	56,5		4961	6575			RV320-038-C	
	K801-05-058					51,4	68,6							
	K801-07-058					68,6	68,6							
	K801-01-058			5°	23,4	27,7	37,0		2915	3873	3,6		M200-038-B-YW	
	K801-03-058					42,3	56,5		4961	6572			RV320-038-C	
	K801-05-058					51,4	68,6							
	K801-07-058					68,6	68,6							
	K801-01-058			10°	25,7	27,7	37,0		2915	3870	8,7	9,8	M200-038-B-YW	
	K801-03-058					42,3	56,5		4961	6569			RV320-038-C	
	K801-05-058					51,4	68,6							
	K801-07-058					68,6	68,6							
	K801-01-058			15°	28,0	27,7	37,0		2915	3866	14,6	9,7	M200-038-B-YW	
	K801-03-058					42,3	56,5		4961	6566			RV320-038-C	
	K801-05-058					51,4	68,6							
	K801-07-058					68,6	68,6							
	K801-01-058			20°	30,4	27,7	37,0		2915	3863	21,2		M200-038-B-YW	
	K801-03-058					42,3	56,5		4961	6563			RV320-038-C	
	K801-05-058					51,4	68,6							
	K801-07-058					68,6	68,6							
	K801-01-058			25°	33,0	27,7	37,0		2915	3860	29,6	9,5	M200-038-B-YW	
	K801-03-058					42,3	56,5		4961	6559			RV320-038-C	
	K801-05-058					51,4	68,6							
	K801-07-058					68,6	68,6							
	K801-01-058			30°	35,8	27,7	37,0		2915	3856	37,6		M200-038-B-YW	
	K801-03-058					42,3	56,5		4961	6556			RV320-038-C	
	K801-05-058					51,4	68,6							
	K801-07-058					68,6	68,6							
	K801-01-058			35°	38,9	27,7	37,0		2915	3853	44,0	9,4	M200-038-B-YW	
	K801-03-058					42,3	56,5		4961	6552			RV320-038-C	
	K801-05-058					51,4	68,6							
	K801-07-058					68,6	68,6							
	K801-01-058			40°	42,4	27,7	37,0		2915	3849	49,7		M200-038-B-YW	
	K801-03-058					42,3	56,5		4961	6548			RV320-038-C	
	K801-05-058					51,4	68,6							
	K801-07-058					68,6	68,6							
	K801-01-058			45°	46,5	27,7	37,0		2915	3845	57,8	9,3	M200-038-B-YW	
	K801-03-058					42,3	56,5		4961	6545			RV320-038-C	
	K801-05-058					51,4	68,6							
	K801-07-058					68,6	68,6							
	K801-01-058			50°	51,3	27,7	37,0		190	2915	3842	63,2	9,5	M200-038-B-YW
	K801-03-058					42,3	56,5			4961	6541			RV320-038-C
	K801-05-058					51,4	68,6							
	K801-07-058					68,6	68,6							

Type	Catalog No:	Mounting Face		Working Angle	Cam Stroke	Working Force (kN/tonf)		Shut Height	Gas Spring Force (N)		Rear Removal Space L (mm)	Weight (kg)	Gas Spring (Special Spring)	
		Width	Height			1.000.000 Strokes	300.000 Strokes		Final Load	Return Force				
	K801-01-058	58	82	55°	47,1	27,7	37,0	205	2744	3932	68,1	68,1	M200-038-B-YW	
	K801-03-058					42,3	56,5		4630	6640			RV320-038-C	
	K801-05-058					51,4	68,6							
	K801-07-058					68,6	68,6							
	K801-01-058		85	60°	48,0	27,7	37,0	210	2991	4739	74,1	74,1	M200-025-B-YW	
	K801-03-058					42,3	56,5		5034	7982			RV320-025-C	
	K801-05-058					51,4	68,6							
	K801-07-058					68,6	68,6							
	K801-01-058		83	65°	49,7	27,7	37,0	215	2905	5189	79,8	79,8	M200-025-B-YW	
	K801-03-058					42,3	56,5		4874	8715			RV320-025-C	
	K801-05-058					51,4	68,6							
	K801-07-058					68,6	68,6							
	K801-01-058		78	70°	52,6	27,7	37,0		2733	5643	84,4	84,4	M200-025-B-YW	
	K801-03-058					42,3	56,5		4896	10123			RV320-019-C	
	K801-05-058					51,4	68,6							
	K801-07-058					68,6	68,6							
	K801-01-058		80	75°	54,1	27,7	37,0		2925	7227	90,1	90,1	M200-015-B-YW	
	K801-03-058					42,3	56,5		4843	11977			RV320-015-C	
	K801-05-058					51,4	68,6							
	K801-07-058					68,6	68,6							
	K801-01-058			80°	63,3	27,7	37,0		2841	8815	96,8	96,8	M200-013-B-YW	
	K801-03-058					42,3	56,5		4462	13861			RV320-015-C	
	K801-05-058					51,4	68,6							
	K801-07-058					68,6	68,6							



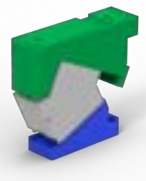
Cam Diagram

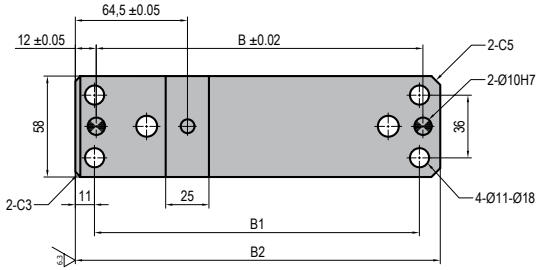


Stroke (ST)	Width (W)	Height (H)	Height (H1)	θ		A	A1	A2	A3	A4	A5	A6	B ±0,02	B1	B2	α	Cam Stroke (CS)
Short	58	67,00	-	0°	185,00	187,00	66,00	119,00	45,90	49,00	138,00	163,00	162,00	185,00	50°	21,20	
			-	5°		190,75	70,74	114,26	51,20	45,00	145,75	168,00	167,00	190,00		23,40	
			-	10°		193,26	75,36	109,64	56,80	41,00	152,26	173,00	172,00	195,00		25,70	
			-	15°		193,54	79,84	105,16	63,00	34,00	159,54					28,00	
			-	20°		194,62	84,16	100,84	69,80	29,00	165,62	178,00	177,00	200,00		30,40	
			-	25°		193,51	88,31	96,69	76,90	22,00	171,51					33,00	
			-	30°		191,21	92,26	92,74	84,40	15,00	176,21					35,80	
			-	35°		188,76	96,00	89,00	92,20	8,00	180,76					38,90	
			-	40°		185,16	100,53	84,47	99,20	-	185,16					42,40	
			-	45°		177,44	103,82	81,18	107,30	12,00	189,44	173,00	172,00	195,00		46,50	
			-	50°	190,00	170,61	115,87	74,13	111,40	23,00	193,61	168,00	167,00	190,00		51,30	
		82,00	-	55°	205,00	172,29	123,22	81,78	114,80	31,00	203,29				55°	47,10	
		-	85,0	60°	210,00	169,74	125,87	84,13	119,10	44,00	213,74				60°	48,00	
		-	83,0	65°	215,00	164,09	129,64	85,36	121,60	56,00	220,09				65°	49,70	
		-	78,0	70°		160,70	131,70	83,30	124,60	66,00	226,70				70°	52,60	
		-	-	75°		159,42	134,92	80,08	127,00	77,00	236,42				75°	54,10	
		-	80,0	80°		155,42	137,63	77,37	133,00	89,00	244,42	80°	63,30				

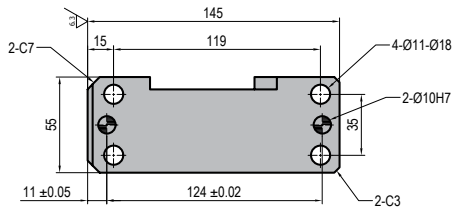
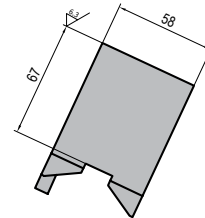
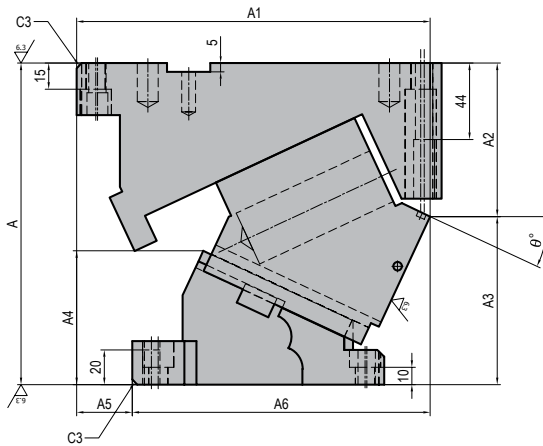
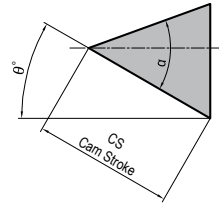
Order Example:
Catalog No : K801-01 W= 58, θ= 5, GS

Order Code: K801-01-058-05-GS

Type	Catalog No:	Mounting Face		Working Angle	Cam Stroke	Working Force (kN/tonf)		Shut Height	Gas Spring Force (N)		Rear Removal Space L (mm)	Weight (kg)	Gas Spring (Special Spring)		
		Width	Height			1.000.000 Strokes	300.000 Strokes		Final Load	Return Force					
	K801-02-058	58	67	0°	28,9	27,7	37,0	185	2959	3933	0,0	10,1	M200-050-B-YW		
	K801-04-058					42,3	56,5		5040	6680			RV320-050-C		
	K801-06-058					51,4	68,6								
	K801-08-058					68,6	68,6								
	K801-02-058			5°	31,9	27,7	37,0		2959	3930	5,2	10,1	M200-050-B-YW		
	K801-04-058					42,3	56,5		5040	6677			RV320-050-C		
	K801-06-058					51,4	68,6								
	K801-08-058					68,6	68,6								
	K801-02-058			10°	35,0	27,7	37,0		2959	3927	5,2	10,1	M200-050-B-YW		
	K801-04-058					42,3	56,5		5040	6674			RV320-050-C		
	K801-06-058					51,4	68,6								
	K801-08-058					68,6	68,6								
	K801-02-058			15°	38,2	27,7	37,0		2959	3924	11,5	10,0	M200-050-B-YW		
	K801-04-058					42,3	56,5		5040	6671			RV320-050-C		
	K801-06-058					51,4	68,6								
	K801-08-058					68,6	68,6								
	K801-02-058			20°	41,5	27,7	37,0		2959	3921	18,5	9,9	M200-050-B-YW		
	K801-04-058					42,3	56,5		5040	6668			RV320-050-C		
	K801-06-058					51,4	68,6								
	K801-08-058					68,6	68,6								
	K801-02-058			25°	45,0	27,7	37,0		2959	3917	27,3	9,8	M200-050-B-YW		
	K801-04-058					42,3	56,5		5040	6664			RV320-050-C		
	K801-06-058					51,4	68,6								
	K801-08-058					68,6	68,6								
	K801-02-058			30°	48,8	27,7	37,0		2959	3914	35,6	9,7	M200-050-B-YW		
	K801-04-058					42,3	56,5		5040	6661			RV320-050-C		
	K801-06-058					51,4	68,6								
	K801-08-058					68,6	68,6								
	K801-02-058			35°	53,1	27,7	37,0		2959	3910	42,2	9,6	M200-050-B-YW		
	K801-04-058					42,3	56,5		5040	6657			RV320-050-C		
	K801-06-058					51,4	68,6								
	K801-08-058					68,6	68,6								
	K801-02-058			40°	57,9	27,7	37,0		2959	3907	48,1	9,6	M200-050-B-YW		
	K801-04-058					42,3	56,5		5040	6653			RV320-050-C		
	K801-06-058					51,4	68,6								
	K801-08-058					68,6	68,6								
	K801-02-058			45°	62,0	27,7	37,0		2937	3874	53,3	9,5	M200-050-B-YW		
	K801-04-058					42,3	56,5		4998	6594			RV320-050-C		
	K801-06-058					51,4	68,6								
	K801-08-058					68,6	68,6								
	K801-02-058			50°	62,2	27,7	37,0		190	2850	3755	59,7	9,8	M200-050-B-YW	
	K801-04-058					42,3	56,5			4831	6369			RV320-050-C	
	K801-06-058					51,4	68,6								
	K801-08-058					68,6	68,6								



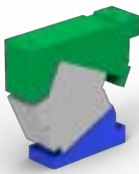
Cam Diagram

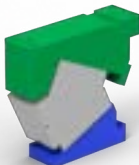


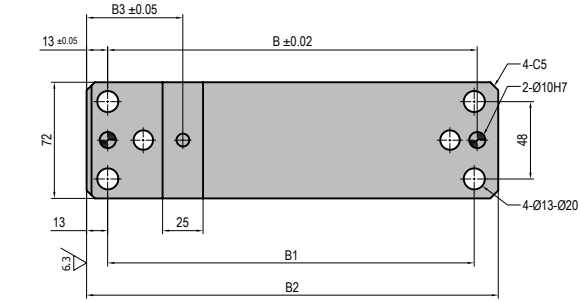
Stroke (ST)	Width (W)	Height (H)	θ	A	A1	A2	A3	A4	A5	A6	B ±0,02	B1	B2	α	Cam Stroke (CS)
Long	58	67	0°	185,00	197,00	66,00	119,00	45,90	59,00	138,00	173,00	172,00	195,00	50°	28,90
			5°		200,75	70,74	114,26	51,20	55,00	145,75	178,00	177,00	200,00		31,90
			10°		203,26	75,36	109,64	56,80	51,00	152,26	183,00	182,00	205,00		35,00
			15°		203,54	79,84	105,16	63,00	44,00	159,54					38,20
			20°		204,62	84,16	100,84	69,80	39,00	165,62	188,00	187,00	210,00		41,50
			25°		203,51	88,31	96,69	76,90	32,00	171,51					45,00
			30°		201,21	92,26	92,74	84,40	25,00	176,21					48,80
			35°		198,76	96,00	89,00	92,20	18,00	180,76					53,10
			40°		195,16	100,53	84,47	99,20	10,00	185,16					57,90
			45°		189,44	103,82	81,18	107,30	-	189,44	185,00	184,00	207,00		62,00
			50°	190,00	177,61	115,87	74,13	111,40	16,00	193,61	180,00	179,00	202,00		

Order Example:
Catalog No : K801-02 W= 58, θ = 5, GS

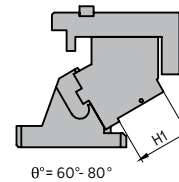
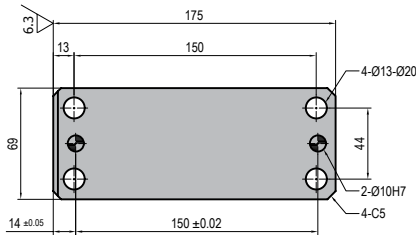
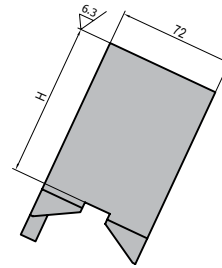
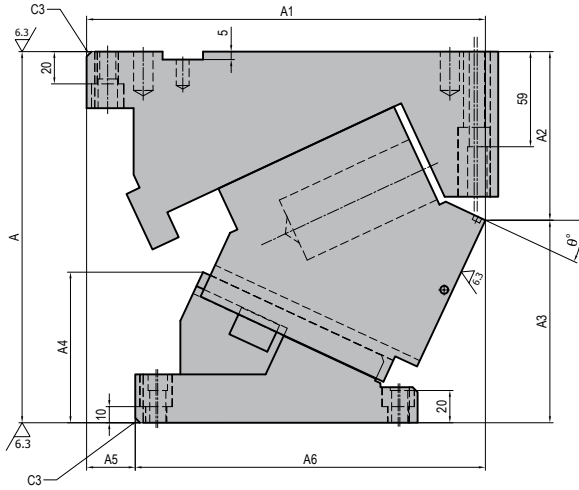
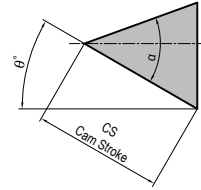
Order Code: K801-02-058-05-GS

Type	Catalog No:	Mounting Face		Working Angle	Cam Stroke	Working Force (kN/tonf)		Shut Height	Gas Spring Force (N)		Rear Removal Space L (mm)	Weight (kg)	Gas Spring (Special Spring)	
		Width	Height			1.000.000 Strokes	300.000 Strokes		Final Load	Return Force				
	K801-01-072	72	96	0°	22,5	36,4	48,7	230	3407	4556	-	19,0	SC250-038-E	
	K801-03-072					60,1	80,1		6930	9206			RV500-038-B	
	K801-05-072					67,5	90,2							
	K801-07-072					90,2	90,2							
	K801-01-072			5°	24,8	36,4	48,7		3407	4550		18,9	SC250-038-E	
	K801-03-072					60,1	80,1		6930	9200			RV500-038-B	
	K801-05-072					67,5	90,2							
	K801-07-072					90,2	90,2							
	K801-01-072			10°	27,2	36,4	48,7		3407	4543		18,9	SC250-038-E	
	K801-03-072					60,1	80,1		6930	9193			RV500-038-B	
	K801-05-072					67,5	90,2							
	K801-07-072					90,2	90,2							
	K801-01-072			15°	29,7	36,4	48,7		3407	4537		19,0	SC250-038-E	
	K801-03-072					60,1	80,1		6930	9187			RV500-038-B	
	K801-05-072					67,5	90,2							
	K801-07-072					90,2	90,2							
	K801-01-072			20°	32,3	36,4	48,7		3407	4529		18,9	SC250-038-E	
	K801-03-072					60,1	80,1		6930	9179			RV500-038-B	
	K801-05-072					67,5	90,2							
	K801-07-072					90,2	90,2							
	K801-01-072			25°	35,0	36,4	48,7		3407	4522		18,7	SC250-038-E	
	K801-03-072					60,1	80,1		6930	9172			RV500-038-B	
	K801-05-072					67,5	90,2							
	K801-07-072					90,2	90,2							
	K801-01-072			30°	38,0	36,4	48,7		3407	4514		18,6	SC250-038-E	
	K801-03-072					60,1	80,1		6930	9164			RV500-038-B	
	K801-05-072					67,5	90,2							
	K801-07-072					90,2	90,2							
	K801-01-072			35°	41,3	36,4	48,7		3407	4507		18,6	SC250-038-E	
	K801-03-072					60,1	80,1		6930	9157			RV500-038-B	
	K801-05-072					67,5	90,2							
	K801-07-072					90,2	90,2							
	K801-01-072			40°	45,0	36,4	48,7		3407	4499		18,6	SC250-038-E	
	K801-03-072					60,1	80,1		6930	9149			RV500-038-B	
	K801-05-072					67,5	90,2							
	K801-07-072					90,2	90,2							
	K801-01-072			45°	49,3	36,4	48,7		3407	4491		18,4	SC250-038-E	
	K801-03-072					60,1	80,1		6930	9141			RV500-038-B	
	K801-05-072					67,5	90,2							
	K801-07-072					90,2	90,2							
	K801-01-072			50°	54,5	36,4	48,7	235	3407	4483		18,9	SC250-038-E	
	K801-03-072					60,1	80,1		6930	9133			RV500-038-B	
	K801-05-072					67,5	90,2							
	K801-07-072					90,2	90,2							

Type	Catalog No:	Mounting Face		Working Angle	Cam Stroke	Working Force (kN/tonf)		Shut Height	Gas Spring Force (N)		Rear Removal Space L (mm)	Weight (kg)	Gas Spring (Special Spring)	
		Width	Height			1.000.000 Strokes	300.000 Strokes		Final Load	Return Force				
	K801-01-072	72	106	55°	75,0	36,4	48,7	250	3362	4812	-	20,3	SC250-050-E	
	K801-03-072					60,1	80,1		6793	9739			RV500-050-B	
	K801-05-072					67,5	90,2							
	K801-07-072					90,2	90,2							
	K801-01-072	105	60°	76,0	36,4	48,7	255	3277	5185	20,6	SC250-050-E			
	K801-03-072				60,1	80,1		6543	10370		RV500-050-B			
	K801-05-072				67,5	90,2								
	K801-07-072				90,2	90,2								
	K801-01-072		65°	75,7	36,4	48,7		3340	5958	21,0	SC250-038-E			
	K801-03-072				60,1	80,1		6733	12033		RV500-038-B			
	K801-05-072				67,5	90,2								
	K801-07-072				90,2	90,2								
	K801-01-072	115	70°	76,0	36,4	48,7		3205	6610	22,0	SC250-038-E			
	K801-03-072				60,1	80,1		6647	13735		RV500-032-B			
	K801-05-072				67,5	90,2								
	K801-07-072				90,2	90,2								
	K801-01-072	120	75°	73,4	36,4	48,7	255	3260	8040	22,8	SC250-025-E			
	K801-03-072				60,1	80,1		6564	16225		RV500-025-B			
	K801-05-072				67,5	90,2								
	K801-07-072				90,2	90,2								
	K801-01-072	125	80°	74,9	36,4	48,7		3285	10176	23,8	SC250-016-E			
	K801-03-072				60,1	80,1		6568	20391		RV500-016-B			
	K801-05-072				67,5	90,2								
	K801-07-072				90,2	90,2								



Cam Diagram

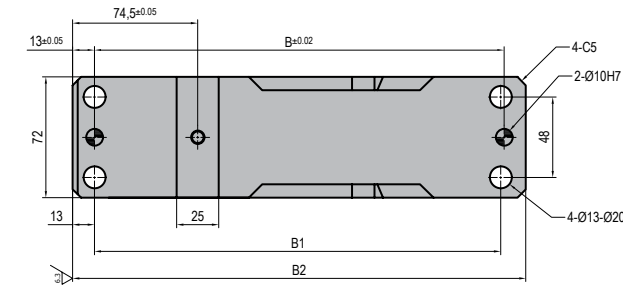


Stroke (ST)	Width (W)	Height (H)	Height (H1)	θ	A	A1	A2	A3	A4	A5	A6	B ±0,02	B1	B2	B3 ±0,05	α	Cam Stroke (CS)
Short	72	96,00	-	0°	230,00	236,00	72,00	158,00	54,90	64,00	172,00	209,00	207,00	235,00	59,50	50°	22,50
			-	5°		240,43	78,86	151,14	61,20	58,00	182,43	214,00	212,00	240,00			24,80
			-	10°		244,54	85,57	144,43	68,10	53,00	191,54	219,00	217,00	245,00			27,20
			-	15°		247,33	92,10	137,90	75,80	46,00	201,33	224,00	222,00	250,00			29,70
			-	20°		248,81	98,43	131,57	84,30	40,00	208,81	229,00	227,00	255,00			32,30
			-	25°		247,02	104,52	125,48	93,30	30,00	217,02						35,00
			-	30°		242,97	110,36	119,64	102,90	18,00	224,97						38,00
			-	35°		239,68	115,92	114,08	112,80	8,00	231,68						41,30
			-	40°		234,19	122,18	107,82	122,00	4,00	238,19						45,00
			-	45°		226,51	126,13	103,87	133,50	17,00	243,51	224,00	222,00	250,00			49,30
			-	50°	235,00	219,67	141,76	93,24	138,00	29,00	248,67	219,00	217,00	245,00			54,50
		106,00	-	55°	250,00	226,57	147,13	102,87	144,50	25,00	251,57	227,00	225,00	253,00	67,50	55°	75,00
		105,00	105,0	60°	255,00	222,14	148,30	106,70	149,10	38,00	260,14					60°	76,00
				65°		216,24	150,83	104,17	151,20	53,00	269,24					65°	75,70
		115,00	115,0	70°		214,09	152,28	102,72	153,60	74,00	288,09					70°	76,00
		120,00	120,0	75°		209,78	154,27	100,73	156,40	91,00	300,78					75°	73,40
		125,00	125,0	80°		205,84	159,85	95,15	157,50	109,00	314,84					80°	74,90

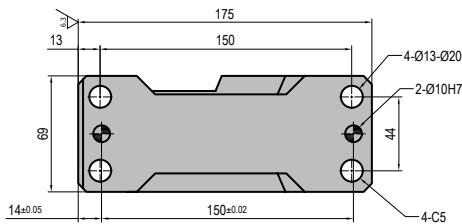
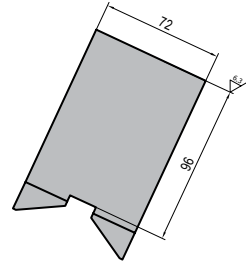
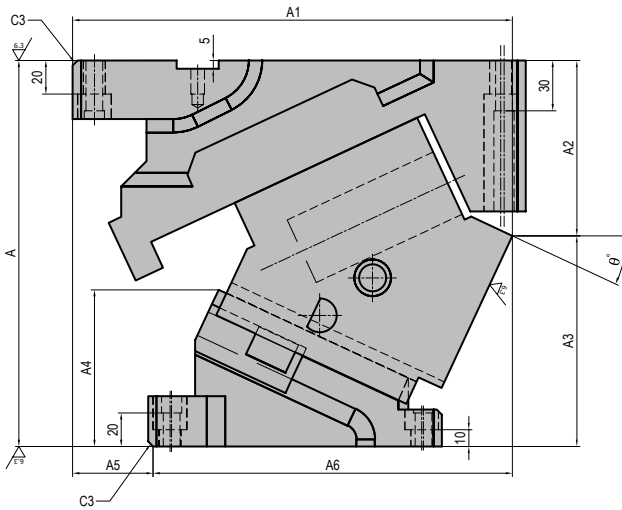
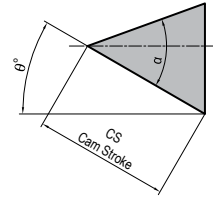
Order Example:
Catalog No : K801-01 W= 72, θ = 5, GS

Order Code: K801-01-072-05-GS

Type	Catalog No:	Mounting Face		Working Angle	Cam Stroke	Working Force (kN/tonf)		Shut Height	Gas Spring Force (N)		Rear Removal Space L (mm)	Weight (kg)	Gas Spring (Special Spring)	
		Width	Height			1.000.000 Strokes	300.000 Strokes		Final Load	Return Force				
	K801-02-072	72	96	0°	35,4	36,4	48,7	230	3371	4509	0,0	19,4	SC250-063-E	
	K801-04-072					60,1	80,1		6836	9082			RV500-063-B	
	K801-06-072					67,5	90,2							
	K801-08-072					90,2	90,2							
	K801-02-072			5°	39,0	36,4	48,7		3371	4503	7,4	19,3	SC250-063-E	
	K801-04-072					60,1	80,1		6836	9076			RV500-063-B	
	K801-06-072					67,5	90,2							
	K801-08-072					90,2	90,2							
	K801-02-072			10°	42,8	36,4	48,7		3371	4496	14,5	19,3	SC250-063-E	
	K801-04-072					60,1	80,1		6836	9069			RV500-063-B	
	K801-06-072					67,5	90,2							
	K801-08-072					90,2	90,2							
	K801-02-072			15°	46,6	36,4	48,7		3371	4489	20,8	19,4	SC250-063-E	
	K801-04-072					60,1	80,1		6836	9063			RV500-063-B	
	K801-06-072					67,5	90,2							
	K801-08-072					90,2	90,2							
	K801-02-072			20°	50,7	36,4	48,7		3371	4482	32,0		SC250-063-E	
	K801-04-072					60,1	80,1		6836	9055			RV500-063-B	
	K801-06-072					67,5	90,2							
	K801-08-072					90,2	90,2							
	K801-02-072			25°	55,0	36,4	48,7		3371	4475	44,4	19,3	SC250-063-E	
	K801-04-072					60,1	80,1		6836	9048			RV500-063-B	
	K801-06-072					67,5	90,2							
	K801-08-072					90,2	90,2							
	K801-02-072			30°	59,7	36,4	48,7		3371	4467	51,7	19,1	SC250-063-E	
	K801-04-072					60,1	80,1		6836	9040			RV500-063-B	
	K801-06-072					67,5	90,2							
	K801-08-072					90,2	90,2							
	K801-02-072			35°	64,9	36,4	48,7		3371	4459	60,8	19,0	SC250-063-E	
	K801-04-072					60,1	80,1		6836	9033			RV500-063-B	
	K801-06-072					67,5	90,2							
	K801-08-072					90,2	90,2							
	K801-02-072			40°	70,7	36,4	48,7		3371	4451	69,7	19,1	SC250-063-E	
	K801-04-072					60,1	80,1		6836	9025			RV500-063-B	
	K801-06-072					67,5	90,2							
	K801-08-072					90,2	90,2							
	K801-02-072			45°	74,7	36,4	48,7		3344	4408	76,4	18,8	SC250-063-E	
	K801-04-072					60,1	80,1		6757	8912			RV500-063-B	
	K801-06-072					67,5	90,2							
	K801-08-072					90,2	90,2							
	K801-02-072			50°	77,8	36,4	48,7		235	3304	4347	83,7	19,3	SC250-063-E
	K801-04-072					60,1	80,1			6638	9747			RV500-063-B
	K801-06-072					67,5	90,2							
	K801-08-072					90,2	90,2							



Cam Diagram

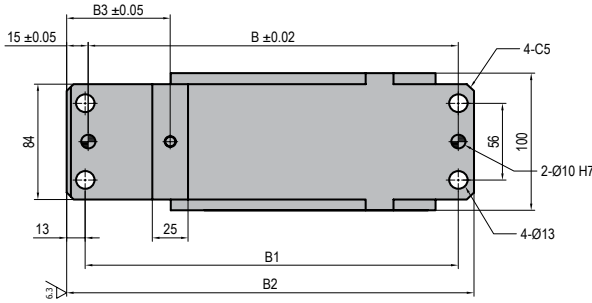


Stroke (ST)	Width (W)	Height (H)	θ	A	A1	A2	A3	A4	A5	A6	B ±0,02	B1	B2	α	Cam Stroke (CS)
Long	72	96	0°	230,00	251,00	72,00	158,00	54,90	79,00	172,00	224,00	222,00	250,00	50°	35,40
			5°		255,43	78,86	151,14	61,20	73,00	182,43	229,00	227,00	255,00		39,00
			10°		259,54	85,57	144,43	68,10	68,00	191,54	234,00	232,00	260,00		42,80
			15°		262,33	92,10	137,90	75,80	61,00	201,33	239,00	237,00	265,00		46,60
			20°		263,81	98,43	131,57	84,30	55,00	208,81	244,00	242,00	270,00		50,70
			25°		262,02	104,52	125,48	93,30	45,00	217,02					55,00
			30°		262,97	110,36	119,64	102,90	38,00	224,97	249,00	247,00	275,00		59,70
			35°		259,68	115,92	114,08	112,80	28,00	231,68					64,90
			40°		254,19	122,18	107,82	122,00	16,00	238,19					70,70
			45°		246,51	126,13	103,87	133,50	3,00	243,51	244,00	242,00	270,00		74,70
			50°	235,00	234,67	141,76	93,24	138,00	14,00	248,67	239,00	237,00	265,00		77,80

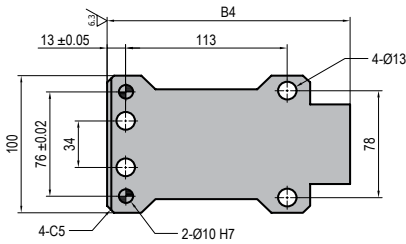
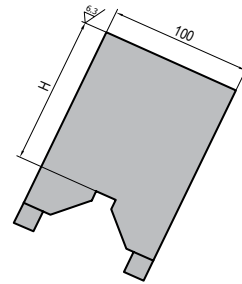
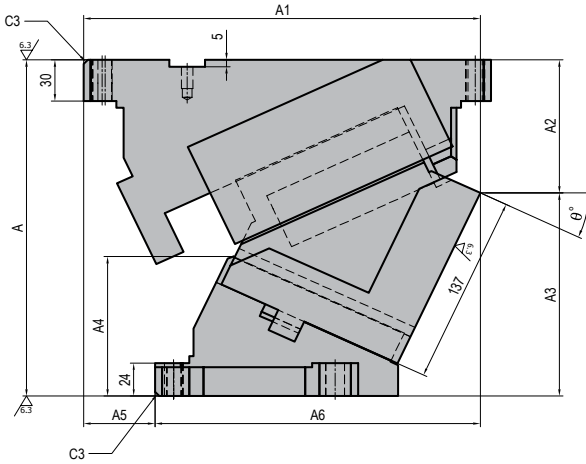
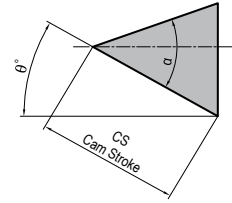
Order Example:
Catalog No : K801-02 W= 72, θ = 5, GS

Order Code: K801-02-072-05-GS

Type	Catalog No:	Mounting Face		Working Angle	Cam Stroke	Working Force (kN/tonf)		Shut Height	Gas Spring Force (N)		Rear Removal Space L (mm)	Weight (kg)	Gas Spring (Special Spring)	
		Width	Height			1.000.000 Strokes	300.000 Strokes		Final Load	Return Force				
	K801-04-100	100	108	0°	35,4	86,5	103,6	245	6836	9115	-	29,1	RV500-063-B	
	K801-06-100					115,8	139,0							
	K801-04-100			5°	39,0	86,5	103,6			9106		29,0		
	K801-06-100					115,8	139,0							
	K801-04-100			10°	42,8	86,5	103,6			9095		28,7		
	K801-06-100					115,8	139,0							
	K801-04-100			15°	46,6	86,5	103,6			9085		28,5		
	K801-06-100					115,8	139,0							
	K801-04-100			20°	50,7	86,5	103,6			9074		28,2		
	K801-06-100					115,8	139,0							
	K801-04-100			25°	55,0	86,5	103,6			9062		28,4		
	K801-06-100					115,8	139,0							
	K801-04-100			30°	59,7	86,5	103,6			9050		28,1		
	K801-06-100					115,8	139,0							
	K801-04-100			35°	64,9	86,5	103,6			9038		28,2		
	K801-06-100					115,8	139,0							
	K801-04-100			40°	70,7	86,5	103,6			9026		28,1		
	K801-06-100					115,8	139,0							
	K801-04-100			45°	77,5	86,5	103,6			9014		28,2		
	K801-06-100					115,8	139,0							
	K801-04-100			50°	85,6	86,5	103,6	9002	28,9					
	K801-06-100					115,8	139,0							
	K801-04-100			110	55°	81,9	86,5	103,6	260	6993		10016	30,1	RV500-050-B
	K801-06-100						115,8	139,0						
	K801-04-100				60°	82,0	86,5	103,6	6693	10597		31,0		
	K801-06-100						115,8	139,0						
	K801-04-100			115	65°	82,8	86,5	103,6	270	6930		12373	31,4	RV500-038-B
	K801-06-100						115,8	139,0						
	K801-04-100			120	70°	81,9	86,5	103,6		6803		14044	32,1	RV500-032-B
	K801-06-100						115,8	139,0						



Cam Diagram

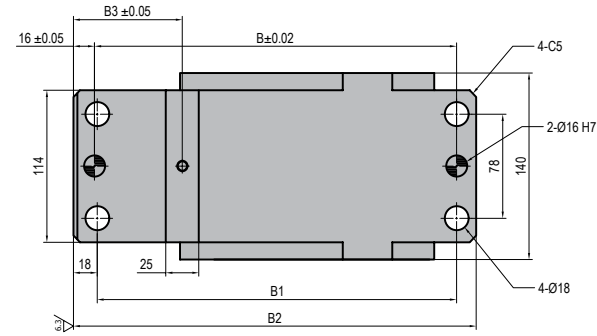


Stroke (ST)	Width (W)	Height (H)	θ	A	A1	A2	A3	A4	A5	A6	B ±0,02	B1	B2	B3 ±0,05	B4	α	Cam Stroke (CS)
Long	100	108	0°	245,00	260,00	63,00	182,00	67,00	93,00	167,00	234,00	236,00	260,00	112,50	170,00	50°	35,40
			5°		266,96	69,88	175,12	72,50	88,00	178,96	239,00	241,00	265,00				39,00
			10°		270,58	75,66	169,34	79,90	80,00	190,58	244,00	246,00	270,00				42,80
			15°		273,88	82,31	162,69	87,10	70,00	203,88	249,00	251,00	275,00	46,60			
			20°		275,87	89,79	155,21	94,00	59,00	216,87	254,00	256,00	280,00	50,70			
			25°		277,56	97,08	147,92	101,60	50,00	227,56	259,00	261,00	285,00	72,50			55,00
			30°		274,97	105,16	139,84	108,70	39,00	235,97							59,70
			35°		272,13	115,00	130,00	114,40	26,00	246,13							64,90
			40°		267,04	123,59	121,41	121,40	15,00	252,04							70,70
			45°		265,75	131,89	113,11	128,70	9,00	256,75	264,00	266,00	290,00	165,00	77,50		
		50°	250,00	266,26	146,90	103,10	134,50	2,00	264,26	269,00	271,00	295,00	102,50	160,00	85,60		
		110	55°	260,00	261,55	150,56	109,44	140,20	12,00					273,55	155,00	55°	81,90
			60°	270,00	255,64	156,44	113,56	147,50	25,00					280,64		60°	82,00
		115	65°		252,60	155,42	114,58	150,90	39,00					291,60	150,00	65°	82,80
		120	70°		250,82	157,09	112,91	157,20	55,00					305,82		70°	81,90

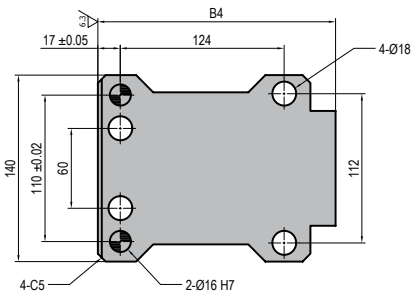
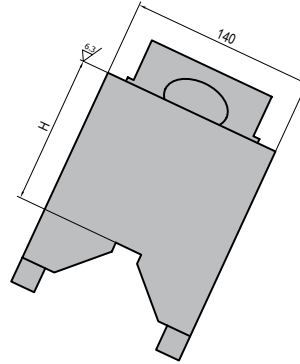
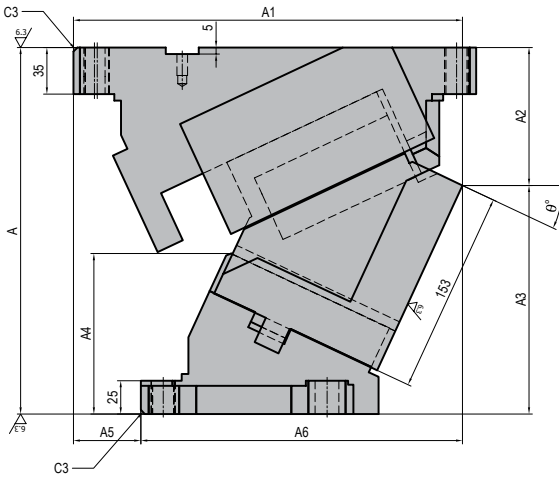
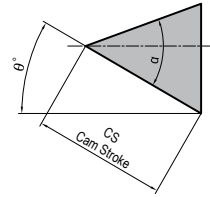
Order Example:
Catalog No : K801-06 W= 100, θ = 5, GS

Order Code: K801-06-100-05-GS

Type	Catalog No:	Mounting Face		Working Angle	Cam Stroke	Working Force (kN/tonf)		Shut Height	Gas Spring Force (N)		Rear Removal Space L (mm)	Weight (kg)	Gas Spring (Special Spring)		
		Width	Height			1.000.000 Strokes	300.000 Strokes		Final Load	Return Force					
	K801-04-140	140	113	0°	35,4	112,6	135,1	275	11162	14881	-	47,3	RV750-063-B		
	K801-06-140					159,0	191,0			14866		46,8			
	K801-04-140			5°	39,0	112,6	135,1			14866		46,8			
	K801-06-140					159,0	191,0			14866		46,8			
	K801-04-140			10°	42,8	112,6	135,1			14849		46,3			
	K801-06-140					159,0	191,0			14849		46,3			
	K801-04-140			15°	46,6	112,6	135,1			14832		45,9			
	K801-06-140					159,0	191,0			14832		45,9			
	K801-04-140			20°	50,7	112,6	135,1			14814		45,7			
	K801-06-140					159,0	191,0			14814		45,7			
	K801-04-140			25°	55,0	112,6	135,1			14796		45,5			
	K801-06-140					159,0	191,0			14796		45,5			
	K801-04-140			30°	59,7	112,6	135,1			14777		45,3			
	K801-06-140					159,0	191,0			14777		45,3			
	K801-04-140			35°	64,9	112,6	135,1			14757		45,6			
	K801-06-140					159,0	191,0			14757		45,6			
	K801-04-140			40°	70,7	112,6	135,1	280	14738	46,4					
	K801-06-140					159,0	191,0		14738	46,4					
	K801-04-140			45°	77,5	112,6	135,1	285	14718	47,8					
	K801-06-140					159,0	191,0		14718	47,8					
	K801-04-140			50°	85,6	112,6	135,1	290	14698	49,3					
	K801-06-140					159,0	191,0		14698	49,3					
	K801-04-140			115	113	55°	81,9	112,6	135,1	295		11438	16385	50,9	RV750-050-B
	K801-06-140							159,0	191,0					50,9	
K801-04-140	60°	82,0	112,6			135,1	300	10911	17278	51,7					
K801-06-140			159,0			191,0				51,7					
K801-04-140	120	113	65°	82,8	112,6	135,1	305	11327	20226	53,0	RV750-038-B				
K801-06-140					159,0	191,0				53,0					
K801-04-140			70°	81,9	112,6	135,1	305			11103		22928	53,3	RV750-032-B	
K801-06-140					159,0	191,0							53,3		



Cam Diagram

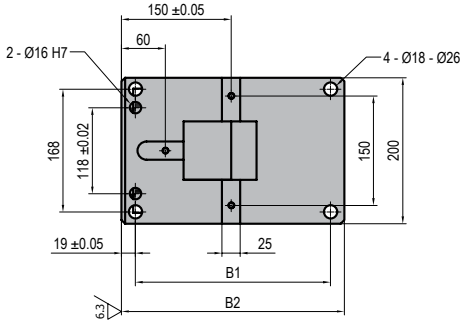


Stroke (ST)	Width (W)	Height (H)	θ	A	A1	A2	A3	A4	A5	A6	B ±0,02	B1	B2	B3 ±0,05	B4	α	Cam Stroke (CS)
Long	140	113	0°	275,00	280,00	73,00	202,00	81,70	105,00	175,00	249,00	247,00	280,00	122,50	180,00	50°	35,40
			5°		285,85	77,40	197,60	89,70	97,00	188,85	254,00	252,00	285,00				39,00
			10°		290,32	81,69	193,31	98,60	87,00	203,32	259,00	257,00	290,00				42,80
			15°		292,42	88,82	186,18	105,40	75,00	217,42	264,00	262,00	295,00				46,60
			20°		294,16	95,78	179,22	113,00	63,00	231,16	269,00	267,00	300,00	82,50			50,70
			25°		294,57	103,52	171,48	120,30	51,00	243,57	274,00	272,00	305,00				55,00
			30°		292,67	113,03	161,97	126,30	37,00	255,67							59,70
			35°		290,47	123,26	151,74	131,80	23,00	267,47	279,00	277,00	310,00				64,90
			40°	280,00	286,00	139,21	140,79	136,70	9,00	277,00							70,70
			45°	285,00	284,28	155,84	129,16	141,00	3,00	287,28	284,00	282,00	315,00	122,50			77,50
		50°	290,00	284,36	171,14	118,86	146,90	8,00	292,36	294,00	292,00	325,00	175,00		85,60		
		115	55°	295,00	277,54	176,20	118,80	148,80	26,00						303,54	55°	81,90
			60°	300,00	273,88	177,03	122,97	155,20	39,00						273,88		170,00
		120	65°	305,00	270,56	180,76	124,24	159,10	54,00						324,56	65°	
			70°		266,00	182,41	122,59	166,90	61,00					327,00	161,00		70°

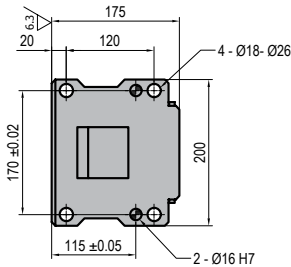
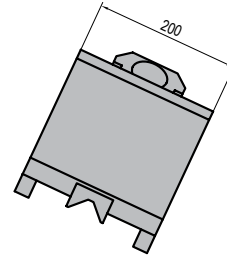
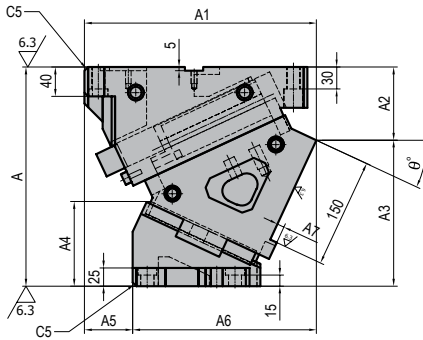
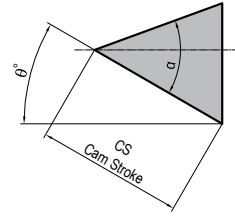
Order Example:
Catalog No : K801-06 W= 140, θ = 5, GS

Order Code: K801-06-140-05-GS

Type	Catalog No:	Mounting Face		Working Angle	Cam Stroke	Working Force (kN/tonf)		Shut Height	Gas Spring Force (N)		Rear Removal Space L (mm)	Weight (kg)	Gas Spring (Special Spring)		
		Width	Height			1.000.000 Strokes	300.000 Strokes		Final Load	Return Force					
	K801-04-200	200	150	0°	35,4	139,8	164,5	300	13914	18686	-	89	RV1000-063-B		
	K801-06-200					197,4	230,3								
	K801-04-200			5°	39,0	139,8	164,5			18653					
	K801-06-200					197,4	230,3								
	K801-04-200			10°	42,8	139,8	164,5			18618					
	K801-06-200					197,4	230,3								
	K801-04-200			15°	46,6	139,8	164,5			18581		88			
	K801-06-200					197,4	230,3								
	K801-04-200			20°	50,7	139,8	164,5			18542		87			
	K801-06-200					197,4	230,3								
	K801-04-200			25°	55,0	139,8	164,5			18502		85			
	K801-06-200					197,4	230,3								
	K801-04-200			30°	59,7	139,8	164,5			13914		18461		84	
	K801-06-200					197,4	230,3								
	K801-04-200			35°	64,9	139,8	164,5					18419			85
	K801-06-200					197,4	230,3								
	K801-04-200			40°	70,7	139,8	164,5					18376			87
	K801-06-200					197,4	230,3								
	K801-04-200			45°	77,5	139,8	164,5					18334		86	
	K801-06-200					197,4	230,3								
	K801-04-200			50°	85,6	139,8	164,5					18292		90	
	K801-06-200					197,4	230,3								
	K801-04-200		160	55°	95,9	139,8	164,5		19898			89			
	K801-06-200					197,4	230,3								
	K801-04-200			60°	110,0	139,8	164,5		22004			91			
	K801-06-200					197,4	230,3								
	K801-04-200			65°	118,3	139,8	164,5		13478	24030		95			
	K801-06-200					197,4	230,3								
	K801-04-200			70°	119,9	139,8	164,5		12692	26155					
	K801-06-200					197,4	230,3								



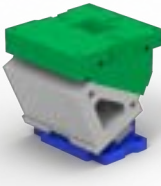
Cam Diagram

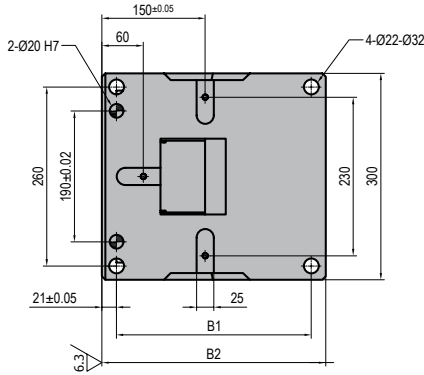


Stroke (ST)	Width (W)	Height (H)	θ	A	A1	A2	A3	A4	A5	A6	A7	B ±0,02	B1	B2	α	Cam Stroke (CS)
Long	200	150	0°	300,00	291,00	67,00	233,00	61,00	116,00	175,00	10,00	-	232,00	270,00	50°	35,40
			5°		299,87	75,71	224,29	67,80	108,00	191,87		-	242,00	280,00		39,00
			10°		307,34	82,22	217,78	77,90	99,00	208,34		-	252,00	290,00		42,80
			15°		312,43	88,49	211,51	89,40	88,00	224,43		-	257,00	295,00		46,60
			20°		316,16	94,48	205,52	102,00	77,00	239,16		-	262,00	300,00		50,70
			25°		317,55	100,18	199,82	115,80	66,00	251,55		-	267,00	305,00		55,00
			30°		318,63	108,55	191,45	127,50	52,00	266,63		-	272,00	310,00		59,70
			35°		315,43	117,57	182,43	139,00	34,00	281,43		-				64,90
			40°		309,99	128,21	171,79	149,40	14,00	295,99		-				70,70
			45°		303,33	147,45	152,55	151,70	4,00	307,33		-				77,50
			50°		295,50	157,27	142,73	163,50	23,00	318,50		-				85,60
		160	55°		292,25	161,13	138,87	169,50	42,00	334,25		-	18,00	27,00	55°	95,90
			60°		286,45	161,36	138,64	172,50	54,00	340,45	-	60°			110,00	
			65°		287,31	165,70	134,30	177,00	69,00	356,31	-	65°			118,30	
			70°		287,62	176,95	123,05	175,80	88,00	375,62	35,00	-			70°	119,90

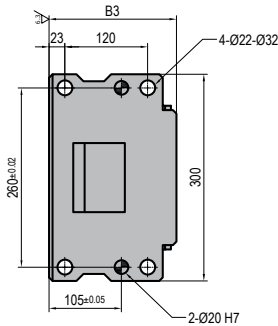
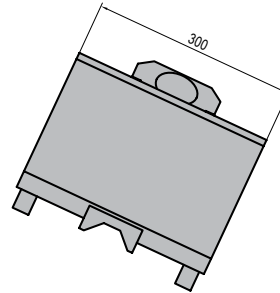
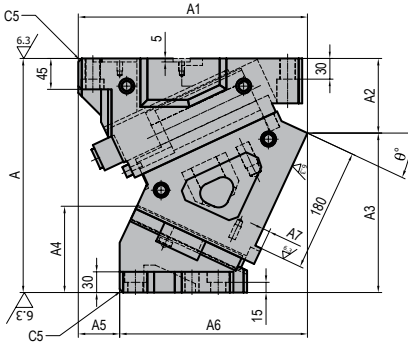
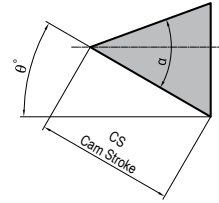
Order Example:
Catalog No : K801-06 W= 200, θ = 5, GS

Order Code: K801-06-200-05-GS

Type	Catalog No:	Mounting Face		Working Angle	Cam Stroke	Working Force (kN/tonf)		Shut Height	Gas Spring Force (N)		Rear Removal Space L (mm)	Weight (kg)	Gas Spring (Special Spring)
		Width	Height			1.000.000 Strokes	300.000 Strokes		Final Load	Return Force			
	K801-04-300	300	180	0°	35,4	225,2	254,5	340	22800	30646	-	152	RV1500-063-C
	K801-06-300					315,5	356,5			30589			
	K801-04-300			5°	39,0	225,2	254,5			30528			
	K801-06-300					315,5	356,5			30464			
	K801-04-300			10°	42,8	225,2	254,5			30398			
	K801-06-300					315,5	356,5			30329			
	K801-04-300			15°	46,6	225,2	254,5			30258			
	K801-06-300					315,5	356,5			30186			
	K801-04-300			20°	50,7	225,2	254,5			30113			
	K801-06-300					315,5	356,5			30040			
	K801-04-300			25°	55,0	225,2	254,5			29967			
	K801-06-300					315,5	356,5			32596			
	K801-04-300			30°	59,7	225,2	254,5			36042			
	K801-06-300					315,5	356,5			22078			
	K801-04-300			35°	64,9	225,2	254,5			42795			
	K801-06-300					315,5	356,5						
	K801-04-300			40°	70,7	225,2	254,5						
	K801-06-300					315,5	356,5						
	K801-04-300			45°	77,5	225,2	254,5						
	K801-06-300					315,5	356,5						
	K801-04-300			50°	85,6	225,2	254,5						
	K801-06-300					315,5	356,5						
	K801-04-300			55°	95,9	225,2	254,5						
	K801-06-300					315,5	356,5						
	K801-04-300			60°	110,0	225,2	254,5						
	K801-06-300					315,5	356,5						
	K801-04-300			65°	118,3	225,2	254,5						
	K801-06-300					315,5	356,5						
K801-04-300	70°	119,9	225,2	254,5									
K801-06-300			315,5	356,5									



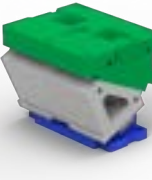
Cam Diagram

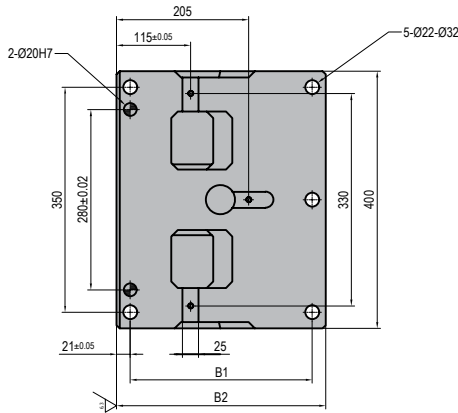


Stroke (ST)	Width (W)	Height (H)	θ	A	A1	A2	A3	A4	A5	A6	A7	B ±0,02	B1	B2	B3	α	Cam Stroke (CS)		
Long	300	180	0°	340,00	303,00	68,00	272,00	71,00	123,00	180,00	10,00	-	243,00	285,00	185,0	50°	35,40		
			5°		312,13	77,72	262,28	77,70	113,00	199,13		-	253,00	295,00			39,00		
			10°		319,87	86,26	253,74	87,00	101,00	218,87		-	263,00	305,00			42,80		
			15°		327,21	94,59	245,41	97,80	89,00	238,21		-	273,00	315,00			46,60		
			20°		330,18	101,67	238,33	111,00	74,00	256,18		-	278,00	320,00			50,70		
			25°		332,82	108,46	231,54	125,40	60,00	272,82		-	283,00	325,00			55,00		
			30°		334,13	115,95	224,05	140,00	45,00	289,13		-	288,00	330,00			59,70		
			35°		332,16	127,11	212,89	151,50	29,00	303,16		-					64,90		
			40°		326,92	138,91	201,09	162,80	1,00	325,92		-					70,70		
			45°		317,46	154,33	185,67	170,80	19,00	336,46		-	283,00	325,00			77,50		
			50°		308,80	171,35	168,65	177,3	42,00	350,80		-					85,60		
			55°		299,97	179,42	160,58	181,80	65,00	364,97		-					178,0	55°	95,90
			60°		295,72	178,36	161,64	185,60	81,00	376,72	23,00	-						60°	110,00
			65°		298,61	187,08	152,92	188,60	94,00	392,61	32,00	-						65°	118,30
			70°		295,88	197,14	142,86	191,30	114,00	409,88	40,00	-						70°	119,90

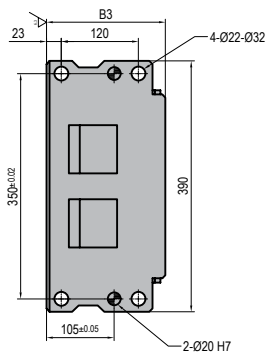
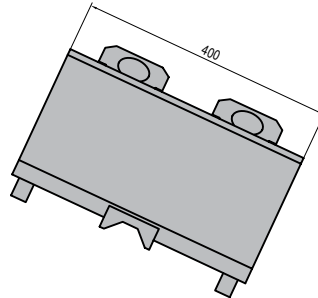
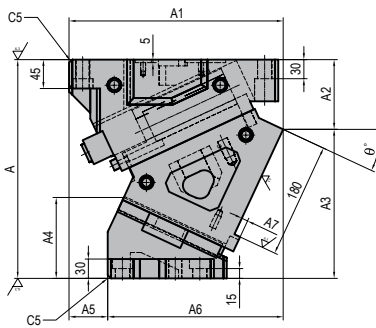
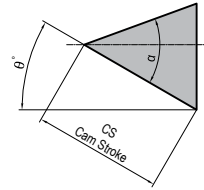
Order Example:
Catalog No : K801-06 W= 300, θ = 5, GS

Order Code: K801-06-300-05-GS

Type	Catalog No:	Mounting Face		Working Angle	Cam Stroke	Working Force (kN/tonf)		Shut Height	Gas Spring Force (N)		Rear Removal Space L (mm)	Weight (kg)	Gas Spring (Special Spring)			
		Width	Height			1.000.000 Strokes	300.000 Strokes		Final Load	Return Force						
	K801-04-400	400	180	0°	35,4	269,3	293,8	340	27829	37516	-	205	RV1000-063-B			
	K801-06-400					377,1	411,4			37435						
	K801-04-400			5°	39,0	269,3	293,8			377,1				411,4	37349	204
	K801-06-400					269,3	293,8			377,1		411,4		37258	203	
	K801-04-400			10°	42,8	269,3	293,8			377,1		411,4		37164	201	
	K801-06-400					269,3	293,8			377,1		411,4		37065	199	
	K801-04-400			15°	46,6	269,3	293,8			377,1		411,4		36965	198	
	K801-06-400					269,3	293,8			377,1		411,4		36862		200
	K801-04-400			20°	50,7	269,3	293,8			377,1		411,4		36758		203
	K801-06-400					269,3	293,8			377,1		411,4		36655	208	
	K801-04-400			25°	55,0	269,3	293,8			377,1		411,4		36551	212	
	K801-06-400					269,3	293,8			377,1		411,4		39757		213
	K801-04-400			30°	59,7	269,3	293,8			377,1		411,4		43960		219
	K801-06-400					269,3	293,8			377,1		411,4		26956	48001	
	K801-04-400			35°	64,9	269,3	293,8			377,1		411,4		25384	52244	
	K801-06-400					269,3	293,8			377,1		411,4				
	K801-04-400			40°	70,7	269,3	293,8			377,1		411,4				
	K801-06-400					269,3	293,8			377,1		411,4				
	K801-04-400			45°	77,5	269,3	293,8			377,1		411,4				
	K801-06-400					269,3	293,8			377,1		411,4				
	K801-04-400			50°	85,6	269,3	293,8			377,1		411,4				
	K801-06-400					269,3	293,8			377,1		411,4				
	K801-04-400			55°	95,9	269,3	293,8			377,1		411,4				
	K801-06-400					269,3	293,8			377,1		411,4				
	K801-04-400			60°	110,0	269,3	293,8			377,1		411,4				
	K801-06-400					269,3	293,8			377,1		411,4				
	K801-04-400			65°	118,3	269,3	293,8			377,1		411,4				
	K801-06-400					269,3	293,8			377,1		411,4				
	K801-04-400			70°	119,9	269,3	293,8			377,1		411,4				
	K801-06-400					269,3	293,8			377,1		411,4				



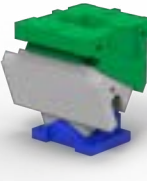
Cam Diagram

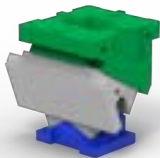


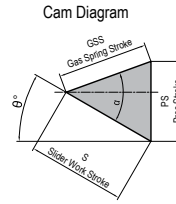
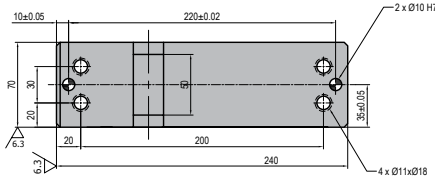
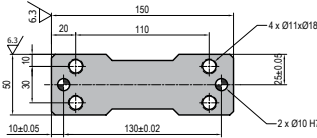
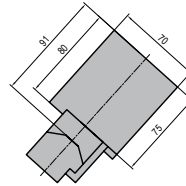
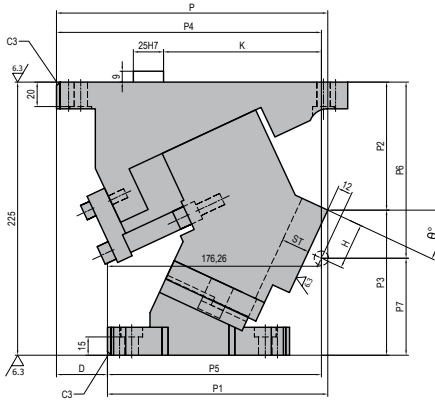
Stroke (ST)	Width (W)	Height (H)	θ	A	A1	A2	A3	A4	A5	A6	A7	B ±0,02	B1	B2	B3	α	Cam Stroke (C5)
Long	400	180	0°	340,00	303,00	68,00	272,00	71,00	123,00	180,00	10,00	-	243,00	285,00	185,0	50°	35,40
			5°		312,13	77,72	262,28	77,70	113,00	199,13		-	253,00	295,00			39,00
			10°		319,87	86,26	253,74	87,00	101,00	218,87		-	263,00	305,00			42,80
			15°		327,21	94,59	245,41	97,80	89,00	238,21		-	273,00	315,00			46,60
			20°		330,18	101,67	238,33	111,00	74,00	256,18		-	278,00	320,00			50,70
			25°		332,82	108,46	231,54	125,40	60,00	272,82		-	283,00	325,00			55,00
			30°		334,13	115,95	224,05	140,00	45,00	289,13		-	288,00	330,00			59,70
			35°		332,16	127,11	212,89	151,50	29,00	303,16		-					64,90
			40°		326,92	138,91	201,09	162,80	1,00	325,92		-	283,00	325,00			70,70
			45°		317,46	154,33	185,67	170,80	19,00	336,46		-					77,50
			50°		308,80	171,35	168,65	177,30	42,00	350,80		-					85,60
			55°		299,97	179,42	160,58	181,80	65,00	364,97		-		180,0	55°	95,90	
			60°		295,72	178,36	161,64	185,60	81,00	376,72	23,00	-			60°	110,00	
			65°		298,61	187,08	152,92	188,60	94,00	392,61	32,00	-			65°	118,30	
			70°		295,88	197,14	142,86	191,30	114,00	409,88	40,00	-			70°	119,90	

Order Example:
Catalog No : K801-06 W= 400, θ = 5, GS

Order Code: K801-06-400-05-GS

Type	Catalog No:	Mounting Face		Working Angle	Stroke	Overall Width	Shut Height	Working Force (kN)	Spring Force (N)				Return Force (N)	Weight (kg)							
		Width	Height						Gas Spring		Coil Spring										
									Initial	Final	Initial	Final									
	K802-01-70-00	70	75	0	19,3	70	225	98		2350	88.2	676.2	3150	16							
	K802-01-70-05			5	21,3								3145	15							
	K802-01-70-10			10	23,3								3139								
	K802-01-70-15			15	25,4								3133	14							
	K802-01-70-20			20	27,6								3127								
	K802-01-70-25			25	30,0								3121								
	K802-01-70-30			30	32,6								3114								
	K802-01-70-35			35	35,4								3108								
	K802-01-70-40			40	38,6								3101								
	K802-01-70-45			45	42,3								3094								
	K802-01-70-50			50	46,7								3088								
	K802-01-70-55			55	43,6					3359		15									
	K802-01-70-60			60	50,0					3713											
	K802-01-80-00			80	75					0		32,1	80	275	265	-	2350	73.5	1223.6	3177	28
	K802-01-80-05	5	35,5			3169	27														
	K802-01-80-10	10	38,9			3161															
	K802-01-80-15	15	42,4			3152	26														
	K802-01-80-20	20	46,1			3142															
	K802-01-80-25	25	50,0			3132															
	K802-01-80-30	30	54,3			3122		25													
	K802-01-80-35	35	59,0			3112															
	K802-01-80-40	40	64,3			3102															
	K802-01-80-45	45	70,4			3092															
	K802-01-80-50	50	77,8			3081															
	K802-01-80-55	55	78,5			2265,4	73.6		1108.6	3352	26										
	K802-01-80-60	60	80			2280,8	73.6	993.6	3706												
	K802-01-165-00	165	120			0	32,1	165	300	294										3430.0	449.1
	K802-01-165-05					5	35,5				4721						74				
	K802-01-165-10			10	38,9	4697	73														
	K802-01-165-15			15	42,4	4671															
	K802-01-165-20			20	46,1	4645															
	K802-01-165-25			25	50,0	4618															
	K802-01-165-30			30	54,3	4589															
	K802-01-165-35			35	59,0	4561															
	K802-01-165-40			40	64,3	4533					65										
	K802-01-165-45			45	70,4	4504															
	K802-01-165-50			50	77,8	4476	64														
	K802-01-165-55			125	55	87,2	4867				65										
	K802-01-165-60				60	100	5380				67										

Type	Catalog No:	Moun- ting Face		Working Angle	Stroke	Overall Width	Shut Height	Working Force (KN)	Spring Force (N)				Return Force (N)	Weight (kg)
		Width	Height						Gas Spring		Coil Spring			
									Initial	Final	Initial	Final		
	K802-01-200-00	200	120	0	32,1	200	300	353	6125.0	749.2	4494.0	8363	90	
	K802-01-200-05			5	35,5							8334	88	
	K802-01-200-10			10	38,9							8303		
	K802-01-200-15			15	42,4							8270		
	K802-01-200-20			20	46,1							8236		87
	K802-01-200-25			25	50,0							8200		
	K802-01-200-30			30	54,3							8163		
	K802-01-200-35			35	59,0							8127		
	K802-01-200-40			40	64,3							8089	88	
	K802-01-200-45			45	70,4							8052		
	K802-01-200-50			50	77,8							8015		
	K802-01-200-55			55	87,2							8716		
	K802-01-200-60			60	100							9636	82	
	K802-01-300-00	300	160	0	38,6	300	160	451	-	10688,0	9198.0	14544	153	
	K802-01-300-05			5	42,6							14495	152	
	K802-01-300-10			10	46,7							14443		
	K802-01-300-15			15	50,9							14389		
	K802-01-300-20			20	55,3							14332		148
	K802-01-300-25			25	60,0							14273	150	
	K802-01-300-30			30	65,1							14211	147	
	K802-01-300-35			35	70,8							14150	148	
	K802-01-300-40			40	77,1							14088	146	
	K802-01-300-45			45	84,5							14026	149	
	K802-01-300-50			50	79,3							13960	123	
	K802-01-300-55			55	88,9							15170	131	
	K802-01-300-60			60	102,0							15764	135	
	K802-01-400-00	400	160	0	38,6	400	160	451	-	10688,0	1314.1	9198.0	14544	160
	K802-01-400-05			5	42,6								14495	158
	K802-01-400-10			10	46,7								14443	
	K802-01-400-15			15	50,9								14389	
	K802-01-400-20			20	55,3								14332	
	K802-01-400-25			25	60,0								14273	157
	K802-01-400-30			30	65,1								14211	154
	K802-01-400-35			35	70,8								14150	155
	K802-01-400-40			40	77,1								14088	153
	K802-01-400-45			45	84,5								14026	156
	K802-01-400-50			50	79,3								13960	128
	K802-01-400-55			55	88,9								15170	136
	K802-01-400-60			60	102,0								15764	140


Order Example:
W= 70, θ= 15, GS
Order Code: K802-01-70-15-GS


α	GSS	S	PS
50°	30,00	19,30	23,00
	30,00	21,30	23,10
	30,00	23,30	23,30
	30,00	25,40	23,80
	30,00	27,60	24,50
	30,00	30,00	25,40
	30,00	32,60	26,50
	30,00	35,40	28,10
	30,00	38,60	30,00
	30,00	42,30	32,50
55°	25,00	43,60	35,70
60°	25,00	50,00	43,30

Springs	Q'TY	Model
GS	1	M200-038B
CS		V25-115

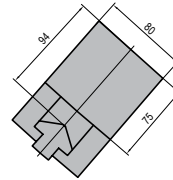
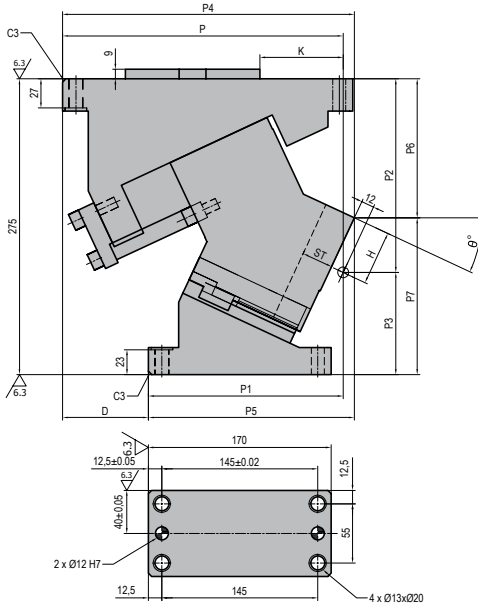
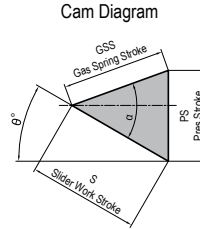
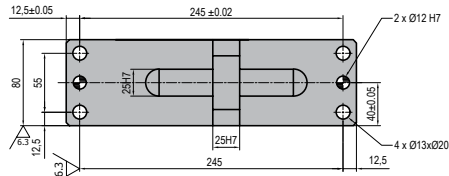
Working Face (W)	Stroke (ST)	θ	P	P1	P2	P3	P4	P5	P6	P7	D	K	H
70	19,3	0	237,37	135,37	85,00	140,00	249,37	147,37	120	105	102	155,5	35,00
	21,3	5	234,87	142,87	86,28	138,72	243,53	151,53	125	100	92	149,5	37,82
	23,3	10	232,82	151,82	88,76	136,24	237,74	156,74	130	95	81	145,0	39,76
	25,4	15	217,54	160,54	96,59	128,41	219,67	162,67	135	90	57	140,5	36,55
	27,6	20	224,52	172,52	99,67	125,33	222,62	170,62	140	85	52	134,5	38,55
	30,0	25	223,46	181,46	105,45	119,55	218,26	176,26	145	80	42	130,0	38,04
	32,6	30	211,54	181,54	112,99	112,01	204,3	174,03	150	75	30	125,5	35,81
	35,4	35	210,68	193,68	117,20	107,80	198,86	181,86	155	70	17	119,5	37,74
	38,6	40	204,84	200,84	125,07	99,93	191,19	187,19	160	65	4	115,0	35,53
	42,3	45	198,15	200,15	131,28	93,72	181,4	183,4	165	60	-2	110,5	35,68
	46,7	50	190,95	211,95	135,15	89,85	168,09	189,08	170	55	-21	106,0	39,92
	43,6	55	190,51	213,51	146,01	78,99	170,02	193,02	175	50	-23	101,5	33,41
	50,0	60	185,81	220,81	155,86	69,14	167,99	202,99	180	45	-35	98,5	27,50



Order Example:

W= 80, θ = 15, GS

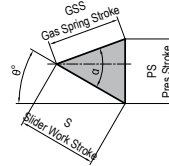
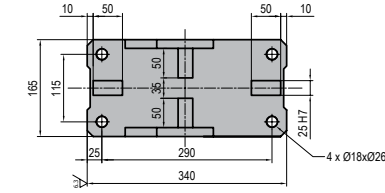
Order Code: K802-01-80-15-GS



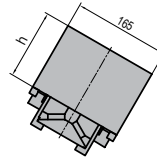
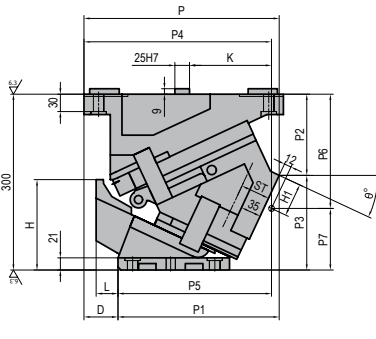
α	GSS	S	PS
50°	50,00	32,10	38,30
	50,00	35,50	38,40
	50,00	38,90	38,90
	50,00	42,40	39,70
	50,00	46,10	40,80
	50,00	50,00	42,30
	50,00	54,30	44,20
	50,00	59,00	46,80
	50,00	64,30	50,00
	50,00	70,40	54,20
50,00	77,80	59,60	
55°	45,00	78,50	64,30
60°	40,00	80,00	69,30

Springs	Q'TY	Model
GS	1	M200-050B
CS		V32-152

Working Face (W)	Stroke (ST)	Ø	P	P1	P2	P3	P4	P5	P6	P7	D	K	H
80	32,10	0	292,00	157,00	110,00	165,00	280,00	145,00	155	120	135	180,0	45,00
	35,50	5	289,50	164,50	115,93	159,07	281,31	156,31	160	115	125	160,0	43,19
	38,90	10	281,37	171,37	117,84	157,16	277,50	167,50	165	110	110	153,0	45,77
	42,40	15	279,70	174,70	120,72	154,28	280,48	175,48	170	105	105	144,0	47,80
	46,10	20	270,57	175,57	124,55	150,45	276,16	181,16	175	100	95	136,5	49,32
	50,00	25	261,07	181,07	129,29	145,71	271,47	191,47	180	95	80	127,5	50,35
	54,30	30	249,27	184,27	134,92	140,08	264,33	199,33	185	90	65	120,0	50,90
	59,00	35	241,26	186,26	141,38	133,62	260,66	205,66	190	85	55	112,5	50,95
	64,30	40	228,34	193,34	147,76	127,24	252,32	217,32	195	80	35	105,0	51,60
	70,40	45	221,04	191,04	156,61	118,39	247,46	217,46	200	75	30	99,0	49,36
	77,80	50	209,12	194,12	165,27	109,73	237,80	222,80	205	70	15	93,0	47,51
	78,50	55	201,62	201,62	174,53	100,47	231,36	231,36	210	65	0	72,0	44,70
	80,00	60	207,53	207,53	185,89	89,11	233,95	233,95	215	60		49,0	37,43



Cam Diagram


Order Example:
W= 165, **θ=** 15, GS

Order Code: K802-01-165-15-GS

N: Ø16H7 Dowel hole is drilled on the cam holder.



α	GSS	S	PS
50°	50,00	32,10	38,30
	50,00	35,50	38,40
	50,00	38,90	38,90
	50,00	42,40	39,70
	50,00	46,10	40,80
	50,00	50,00	42,30
	50,00	54,30	44,20
	50,00	59,00	46,80
	50,00	64,30	50,00
	50,00	70,40	54,20
	50,00	77,80	59,60
55°	50,00	87,20	71,40
60°	50,00	100,00	86,60

θ	h	Springs	Q'TY	Model
0°-50°	120	GS	1	SC250-063D
55°-60°	125	CS		B40-178

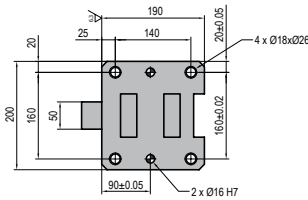
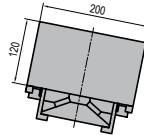
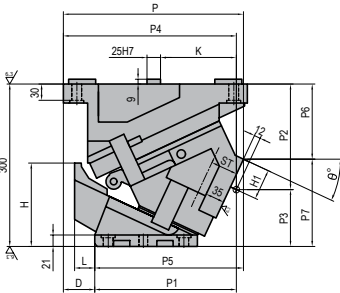
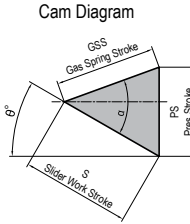
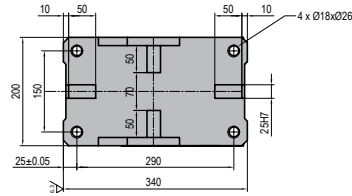
Working Face (W)	Stroke (ST)	θ	P	P1	P2	P3	P4	P5	P6	P7	D	K	H	H1	L
165	32,10	0	335,84	207,84	96,98	202,03	347,84	219,84	170	130	128	180,5	80	73,02	55
	35,50	5	335,25	222,25	100,91	199,09	340,82	227,82	175	125	113	173,0	98	73,32	
	38,90	10	337,27	236,27	111,09	188,91	337,30	236,30	180	120	101	165,5	109	67,86	50
	42,40	15	329,78	249,78	122,47	177,53	325,45	245,45	185	115	80	156,5	120	61,53	45
	46,10	20	332,68	262,68	129,99	170,01	323,61	253,61	190	110	70	149,0	137	59,49	42
	50,00	25	332,88	274,88	138,62	161,38	319,83	261,83	195	105	58	140,0	154	56,61	37
	54,30	30	334,28	286,28	148,28	151,72	315,39	267,39	205	95	48	132,5	170	58,57	30
	59,00	35	329,80	296,80	158,89	141,11	305,16	272,16	215	85	33	125,0	187	60,10	25
	64,30	40	321,35	306,35	170,38	129,62	291,18	276,18	225	75	15	117,5	204	61,23	
	70,45	45	314,86	314,86	182,66	117,34	279,49	279,49	235	65	0	111,5	220	62,02	
	77,80	50	307,27	322,27	195,63	104,37	267,10	282,10	245	55	-15	105,5	-	62,51	-
	87,20	55	296,59	328,59	210,30	89,70	253,67	285,67	255	45	-32	120,0		60,97	
	100,00	60	288,56	333,56	222,26	77,74	238,54	283,54	265	35	-45	113,0		64,69	

**Order Example:**

W= 200, θ = 15, GS

Order Code: K802-01-200-15-GS

N: Ø16H7 Dowel hole is drilled on the cam holder.



α	GSS	S	PS
50°	50,00	32,10	38,30
	50,00	35,50	38,40
	50,00	38,90	38,90
	50,00	42,40	39,70
	50,00	46,10	40,80
	50,00	50,00	42,30
	50,00	54,30	44,20
	50,00	59,00	46,80
	50,00	64,30	50,00
	50,00	70,40	54,20
	50,00	77,80	59,60
55°	50,00	87,20	71,40
60°	50,00	100,00	86,60

Springs	Q'TY	Model
GS	1	S500-063A
CS		B50-178

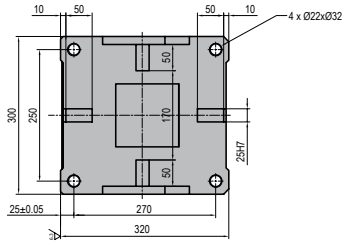
Working Face (W)	Stroke (ST)	θ	P	P1	P2	P3	P4	P5	P6	P7	D	K	H	H1	L
200	32,10	0	335,84	207,84	96,98	202,03	347,84	219,84	170	130	128	180,5	80	73,02	55
	35,50	5	335,25	222,25	100,91	199,09	340,82	227,82	175	125	113	173,0	98	73,32	
	38,90	10	337,27	236,27	111,09	188,91	337,30	236,30	180	120	101	165,5	109	67,86	50
	42,40	15	329,78	249,78	122,47	177,53	325,45	245,45	185	115	80	156,5	120	61,53	45
	46,10	20	332,68	262,68	129,99	170,01	323,61	253,61	190	110	70	149,0	137	59,49	42
	50,00	25	332,88	274,88	138,62	161,38	319,83	261,83	195	105	58	140,0	154	56,61	37
	54,30	30	334,28	286,28	148,28	151,72	315,39	267,39	205	95	48	132,5	170	58,57	30
	59,00	35	329,80	296,80	158,89	141,11	305,16	272,16	215	85	33	125,0	187	60,10	25
	64,30	40	321,35	306,35	170,38	129,62	291,18	276,18	225	75	15	117,5	204	61,23	
	70,45	45	314,86	314,86	182,66	117,34	279,49	279,49	235	65	0	111,5	220	62,02	
	77,80	50	307,27	322,27	195,63	104,37	267,10	282,10	245	55	-15	105,5	-	62,51	-
	87,20	55	296,59	328,59	210,30	89,70	253,67	285,67	255	45	-32	120,0		60,97	
	100,00	60	288,56	333,56	222,26	77,74	238,54	283,54	265	35	-45	113,0		64,69	


Order Example:
W= 300, **θ**= 15, GS

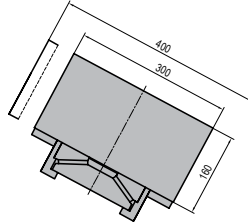
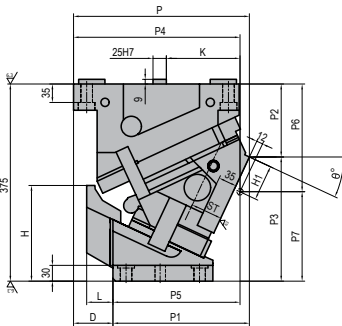
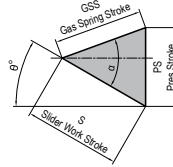
Order Code: K802-01-300-15-GS-N

N: Ø16H7 Dowel hole is drilled on the cam holder.

N20: Dowel pin holes of cam hold are changed to Ø20



Cam Diagram

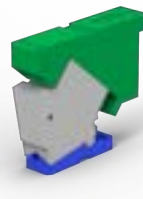


α	GSS	S	PS
50°	60,00	38,60	46,00
	60,00	42,60	46,10
	60,00	46,70	46,70
	60,00	50,90	47,60
	60,00	55,30	48,90
	60,00	60,00	50,70
	60,00	65,10	53,10
	60,00	70,80	56,10
	60,00	77,10	60,00
	60,00	84,50	65,00
55°	51,00	88,90	72,80
60°	51,00	100,00	88,30

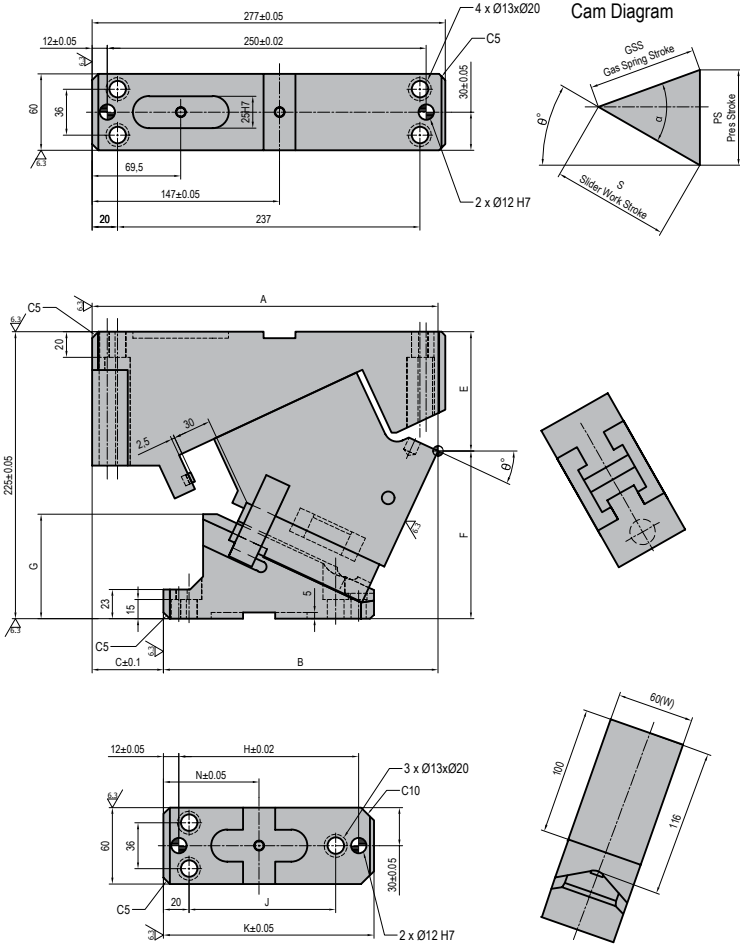
Springs	Q'TY	Model
GS	2	S500-080A
CS		B50-203

Working Face (W)	Stroke (ST)	θ	P	P1	P2	P3	P4	P5	P6	P7	D	K	H	H1	L
300 400	38,60	0	313,00	175,00	98,00	277,00	325,00	187,00	180	195	139	193,0	114	82,00	55
	42,60	5	317,15	192,15	104,19	270,81	322,13	197,13	185	190	125	182,5	127	80,07	
	46,70	10	324,13	209,13	111,86	263,14	322,54	207,54	190	185	115	172,0	139	77,23	
	50,90	15	325,82	225,82	121,01	253,99	318,41	218,41	195	180	100	161,5	152	73,39	
	55,30	20	327,08	242,08	131,59	243,41	314,95	229,95	200	175	85	151,0	164	68,43	
	60,00	25	334,71	259,71	138,65	236,35	317,01	242,01	205	170	75	140,5	182	67,61	50
	65,10	30	327,83	272,83	146,89	228,11	302,36	247,36	215	160	55	130,0	200	71,71	45
	70,80	35	334,51	289,51	159,17	215,83	303,07	258,07	225	150	45	121,0	216	71,96	35
	77,10	40	325,46	300,46	167,30	207,70	284,32	259,32	235	140	25	112,0	237	78,30	30
	84,50	45	324,84	317,84	179,24	195,76	276,04	269,04	245	130	7	103,0	256	81,01	
	79,30	50	306,63	341,63	196,84	178,16	244,08	279,08	265	110	-35	94,0		91,73	
	88,90	55	277,93	362,93	229,29	145,71	219,29	304,29	285	90	-85	86,5	-	79,99	-
	102,00	60	286,45	371,45	245,64	129,36	216,29	301,29	300	75		79,0		87,94	

Type	Catalog No:	Mounting Face		Working Angle	Stroke	Overall Width	Shut Height	Working Force (kN)	Spring Force (N)		Return Force (N)	Weight (kg)
		Width	Height						Initial	Final		
	K802-02-60-00	60	100	0	19,3	60	225	75	-	2568	3667	21
	K802-02-60-05			5	21,3						3661	
	K802-02-60-10			10	23,3						3654	
	K802-02-60-15			15	25,4						3647	
	K802-02-60-20			20	27,6						3640	
	K802-02-60-25			25	30						3632	
	K802-02-60-30			30	32,6						3624	
	K802-02-60-35			35	35,4						3616	
	K802-02-60-40			40	38,6						3608	
	K802-02-60-45			45	42,3						3600	
	K802-02-60-50			50	46,7						3592	
	K802-02-60-55			55	52,3						3908	
	K802-02-60-60			60	60						4321	
	K802-02-60-65			65	71						4872	
	K802-02-60-70			70	58,5					2580	5662	
	K802-02-60-75			75	77,3						6773	
	K802-02-85-00	85	110	0	19,3	85	225	100	-	4858	7446	29
	K802-02-85-05			5	21,3						7436	
	K802-02-85-10			10	23,3						7426	
	K802-02-85-15			15	25,4						7416	
	K802-02-85-20			20	27,6						7405	
	K802-02-85-25			25	30						7393	
	K802-02-85-30			30	32,6						7382	
	K802-02-85-35			35	35,4						7370	
	K802-02-85-40			40	38,6						7358	
	K802-02-85-45			45	42,3						7346	
	K802-02-85-50			50	46,7						7334	
	K802-02-85-55			55	52,3						7979	
	K802-02-85-60			60	60						8822	
	K802-02-85-65			65	71						9948	
	K802-02-85-70			70	58,5					4800	11571	
	K802-02-85-75			75	77,3						13839	
K802-02-110-00	110	145	0	32,1	110	275	150	-	4867	7533	52	
K802-02-110-05			5	35,5						7516		
K802-02-110-10			10	38,9						7499		
K802-02-110-15			15	42,4						7480		
K802-02-110-20			20	46,1						7461		
K802-02-110-25			25	50						7441		
K802-02-110-30			30	54,3						7420		
K802-02-110-35			35	59						7399		
K802-02-110-40			40	64,3						7378		
K802-02-110-45			45	70,4						7356		
K802-02-110-50			50	77,8						7335		
K802-02-110-55			55	87,2						7979		
K802-02-110-60		180	60	100						8819		
K802-02-110-65			65	94,6						4880	9977	
K802-02-110-70			70	81,9						4747	11141	
K802-02-110-75			75	108,2						4747	13323	

Type	Catalog No:	Mounting Face		Working Angle	Stroke	Overall Width	Shut Height	Working Force (kN)	Spring Force (N)		Return Force (N)	Weight (kg)
		Width	Height						Initial	Final		
	K802-02-165-00	165	115	0	32.1	165		171		10892	14996	75
	K802-02-165-05			5	35.5						14972	
	K802-02-165-10			10	38.9						14945	
	K802-02-165-15			15	42.4						14918	
	K802-02-165-20			20	46.1						14890	
	K802-02-165-25			25	50						14860	
	K802-02-165-30			30	54.3						14830	
	K802-02-165-35			35	59						14799	
	K802-02-165-40			40	64.3						14768	
	K802-02-165-45			45	70.4						14736	
	K802-02-165-50			50	77.8						14705	
	K802-02-165-55			55	61					10480	15372	
	K802-02-165-60			60	40					9716	15715	
	K802-02-165-65			65	47.3					17719		
	K802-02-165-70			70	58.5					20488		
	K802-02-165-75			75	58					9137	22993	
	K802-02-200-00	200	115	0	32.1	200	300	218	-	10892	15061	92
	K802-02-200-05			5	35.5						15030	
	K802-02-200-10			10	38.9						14996	
	K802-02-200-15			15	42.4						14961	
	K802-02-200-20			20	46.1						14925	
	K802-02-200-25			25	50						14887	
	K802-02-200-30			30	54.3						14849	
	K802-02-200-35			35	59						14810	
	K802-02-200-40			40	64.3						14770	
	K802-02-200-45			45	70.4						14730	
	K802-02-200-50			50	77.8						14691	
	K802-02-200-55			55	52.3					10040	14688	
	K802-02-200-60			60	60						16243	
	K802-02-200-65			65	71						18313	
	K802-02-200-70			70	58.5					9716	20465	
	K802-02-200-75			75	77.3						24477	
	K802-02-250-00	250	115	0	32.1	250		284		21784	29916	113
	K802-02-250-05			5	35.5						29876	
	K802-02-250-10			10	38.9						29832	
	K802-02-250-15			15	42.4						29786	
	K802-02-250-20			20	46.1						29738	
	K802-02-250-25			25	50						29688	
	K802-02-250-30			30	54.3						29637	
	K802-02-250-35			35	59						29586	
	K802-02-250-40			40	64.3						29534	
	K802-02-250-45			45	70.4						29481	
	K802-02-250-50			50	77.8						29429	
	K802-02-250-55			55	52.3					20080	32542	
	K802-02-250-60			60	60						36709	
	K802-02-250-65			65	71						41018	
	K802-02-250-70			70	58.5					19432	49066	
	K802-02-250-75			75	77.3							

Type	Catalog No:	Mounting Face		Working Angle	Stroke	Overall Width	Shut Height	Working Force (kN)	Spring Force (N)		Return Force (N)	Weight (kg)
		Width	Height						Initial	Final		
	K802-02-300-00	300	155	0	38,6	300	300	364	21550	364	29608	167
	K802-02-300-05			5	42,6						29543	
	K802-02-300-10			10	46,7						29475	
	K802-02-300-15			15	50,9						29402	
	K802-02-300-20			20	55,3						29327	
	K802-02-300-25			25	60						29250	
	K802-02-300-30			30	65,1						29170	
	K802-02-300-35			35	70,8						29089	
	K802-02-300-40			40	77,1						29007	
	K802-02-300-45			45	84,5						28925	
	K802-02-300-50			50	93,3						28842	
	K802-02-300-55			55	104,6						31364	
	K802-02-300-60			60	120						34665	
	K802-02-300-65			65	94,6						20387	
	K802-02-300-70			70	73,1						40388	
	K802-02-300-75			75	96,6						19200	
	K802-02-350-00	350	155	0	38,6	350	375	405	-	26800	42142	213
	K802-02-350-05			5	42,6						42067	
	K802-02-350-10			10	46,7						41988	
	K802-02-350-15			15	50,9						41904	
	K802-02-350-20			20	55,3						41816	
	K802-02-350-25			25	60						41725	
	K802-02-350-30			30	65,1						41632	
	K802-02-350-35			35	70,8						41537	
	K802-02-350-40			40	77,1						41442	
	K802-02-350-45			45	84,5						41346	
	K802-02-350-50			50	93,3						41250	
	K802-02-350-55			55	87,2						25733	
	K802-02-350-60			60	90						26257	
	K802-02-350-65			65	94,6						25384	
	K802-02-350-70			70	87,7						24880	
	K802-02-350-75			75	96,6						23800	
	K802-02-400-00	400	155	0	38,6	400	400	450	32325	450	44337	225
	K802-02-400-05			5	42,6						44248	
	K802-02-400-10			10	46,7						44154	
	K802-02-400-15			15	50,9						44055	
	K802-02-400-20			20	55,3						43951	
	K802-02-400-25			25	60						43844	
	K802-02-400-30			30	65,1						43734	
	K802-02-400-35			35	70,8						43621	
	K802-02-400-40			40	77,7						43508	
	K802-02-400-45			45	84,5						43395	
	K802-02-400-50			50	93,3						43282	
	K802-02-400-55			55	104,6						47074	
	K802-02-400-60			60	120,0						30581	
	K802-02-400-65			65	94,6						52028	
	K802-02-400-70			70	73,1						55793	
	K802-02-400-75			75	96,6						28800	
											60617	
											72512	



α	GSS	S	PS
0°	30,00	19,30	23,00
05°		21,30	23,10
10°		23,30	23,30
15°		25,40	23,80
20°		27,60	24,50
25°		30,00	25,40
30°		32,60	26,50
35°		35,40	28,10
40°		38,60	30,00
45°		42,30	32,50

θ	Travel	A	B	C	E	F	G	H	J	K	N
00	19,3	267,00	167,00	100	69,00	156,00	38,0	141	115	165	75
05	21,3	274,45	179,45	95	73,08	151,92	46,5				
10	23,3	272,04	186,04	86	77,56	147,44	55,0				
15	25,4	273,74	196,74	77	82,44	142,56	62,0				
20	27,6	273,50	204,50	69	88,73	136,27	71,0				
25	30,0	271,28	215,28	56	93,53	131,47	82,0				
30	32,6	270,02	222,02	48	98,57	126,43	96,5				
35	35,4	266,76	217,76	49	105,15	119,85	101,0	121	95	145	65
40	38,6	262,47	223,47	39	112,10	112,90	108,0				
45	42,3	256,13	225,13	31	126,50	98,50	110,0				

Specification Table

Mounting Width (W)	Working Angle (θ)	Working Force (KN)	Return Force N (kgf)	Return Spring
60	00	75,0	3667 (374,2)	GS (Special Springs)
	05		3661 (373,5)	
	10		3654 (372,8)	
	15		3647 (372,1)	
	20		3640 (371,4)	
	25		3632 (370,6)	
	30		3624 (369,8)	
	35		3616 (369,0)	
	40		3608 (368,2)	
	45		3600 (367,4)	

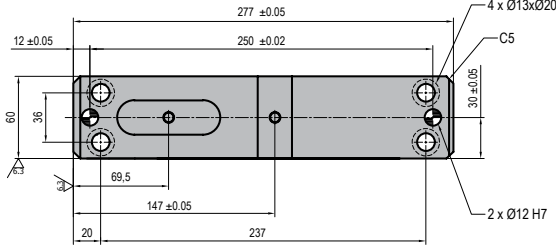
Spring Specification

Spring	Spring Force N (kgf)		Model
	Initial	Final	
GS	-	2568 (262,0)	RV170-038C

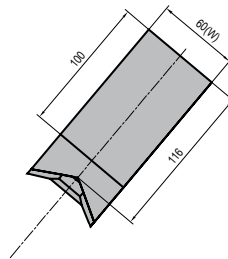
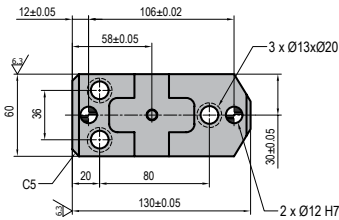
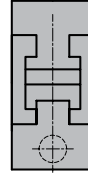
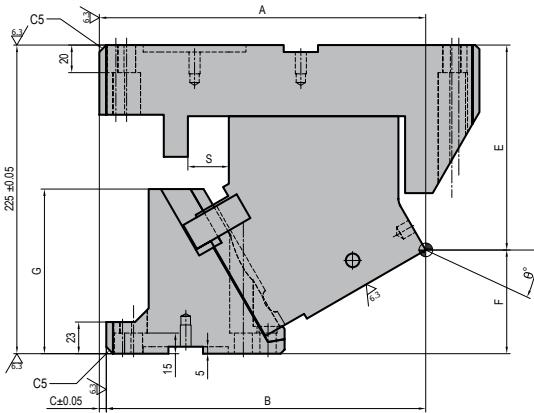
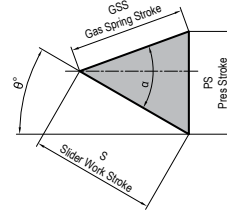
Order Example:

W= 60, θ= 25, GS

Order Code: K802-02-60-25-GS



Cam Diagram



α	GSS	S	PS
50°	30,00	46,70	35,80
55°		52,30	42,80
60°		60,00	52,00
65°		71,00	64,30
70°	20,00	58,50	54,90
75°		77,30	74,60

θ	Travel	A	B	C	E	F	G	S
50	46,7	249,80	226,80	23	134,78	90,22	113,0	30
55	52,3	247,39	231,39	16	141,94	83,06	112,0	
60	60,0	237,95	232,95	5	149,36	75,64	120,0	
65	71,0	235,00	240,00	-5	163,68	61,32		
70	58,5	230,00	245,00	-15	177,95	47,05	135,0	20
75	77,3	222,00	247,00	-25	187,73	37,27		

Specification Table

Mounting Width (W)	Working Angle (θ)	Working Force (KN)	Return Force N (kgf)	Return Spring
60	50	75,0	3592 (366,6)	GS (Special Springs)
	55		3908 (398,8)	
	60		4321 (440,9)	
	65		4872 (497,1)	
	70		5662 (577,8)	
	75		6773 (691,1)	

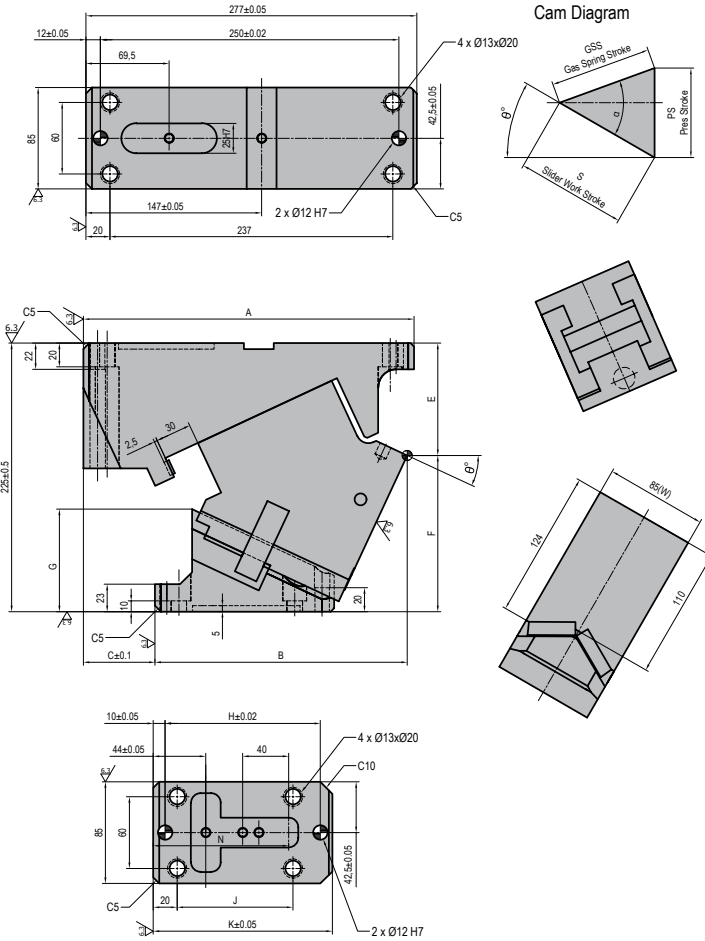
Spring Specification

Spring	θ	Spring Force N (kgf)		Model
		Initial	Final	
GS	50 ~ 65	-	2568 (262,0)	RV170-038C
GS	70 ~ 75		2580 (263,3)	RV170-025C

Order Example:

W= 60, θ= 50, GS

Order Code: K802-02-60-50-GS



α	GSS	S	PS
0°	30,00	19,30	23,00
05°		21,30	23,10
10°		23,30	23,30
15°		25,40	23,80
20°		27,60	24,50
25°		30,00	25,40
30°		32,60	26,50
35°		35,40	28,10
40°		38,60	30,00
45°		42,30	32,50

Θ	Travel	A	B	C	E	F	G	H	J	K	N
00	19,3	267,00	152,00	115	63,00	162,00	45,0	130	97	150	113,5
05	21,3	272,39	162,39	110	67,16	157,84	51,9				
10	23,3	275,07	174,07	101	71,77	153,23	59,7				
15	25,4	277,99	185,99	92	79,72	145,28	65,7				
20	27,6	273,08	204,08	69	88,43	136,57	71,0				
25	30,0	271,30	211,30	60	94,15	130,85	85,8				
30	32,6	269,61	217,61	52	100,26	124,74	93,0				
35	35,4	265,99	218,99	47	103,46	121,54	104,0	120	87	140	106,5
40	38,6	262,39	225,39	37	110,53	114,47	110,0				
45	42,3	256,82	233,82	23	117,97	107,03	115,0				

Specification Table

Mounting Width (W)	Working Angle (θ)	Working Force (KN)	Return Force N (kgf)	Return Spring
85	00	100,0	7446 (759,8)	GS (Special Springs)
	05		7436 (758,8)	
	10		7426 (757,8)	
	15		7416 (756,7)	
	20		7405 (755,6)	
	25		7393 (754,4)	
	30		7382 (753,2)	
	35		7370 (752,0)	
	40		7358 (750,8)	
	45		7346 (749,6)	

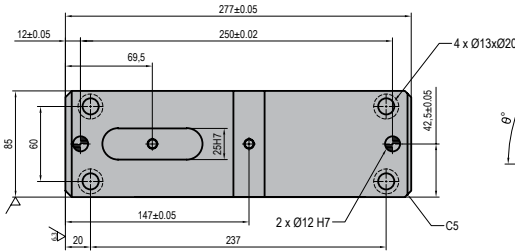
Spring Specification

Spring	θ	Spring Force N (kgf)		Model
		Initial	Final	
GS	00 ~ 45	-	4858 (495,7)	RV320-038C

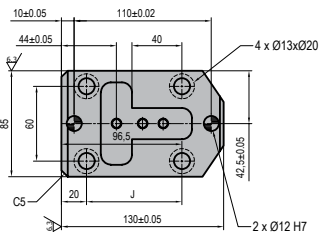
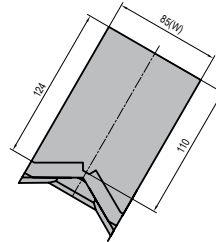
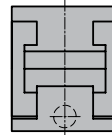
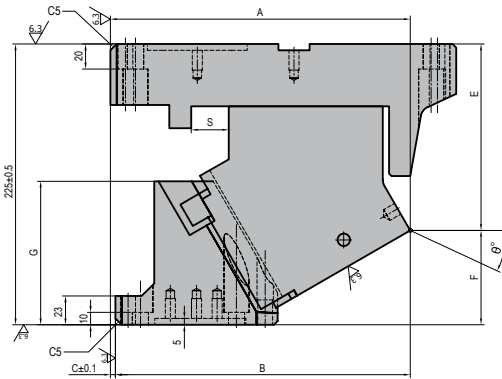
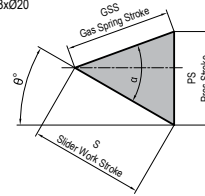
Order Example:

W= 85, θ= 25, GS

Order Code: K802-02-85-25-GS



Cam Diagram



α	GSS	S	PS
50°	30,00	46,70	35,80
55°		52,30	42,80
60°		60,00	52,00
65°		71,00	64,30
70°	20,00	58,50	54,90
75°		77,30	74,60

θ	Travel	A	B	C	E	F	G	S	J
50	46,7	249,24	229,24	20	133,48	91,52	115,0	30	77
55	52,3	250,67	231,67	19	140,79	84,21	110,0		
60	60,0	240,10	236,10	4	149,35	75,65	115,0		
65	71,0	235,00	240,00	-5	159,05	65,95	120,0		
70	58,5	230,00	245,00	-15	168,88	56,12	135,0	20	80
75	77,3	228,00	253,00	-25	186,99	38,01			90

Specification Table

Mounting Width (W)	Working Angle (θ)	Working Force (KN)	Return Force N (kgf)	Return Spring
85	50	100,0	7334 (748,3)	GS (Special Springs)
	55		7979 (814,2)	
	60		8822 (900,2)	
	65		9948 (1015,1)	
	70		11571 (1180,7)	
	75		13839 (1412,2)	

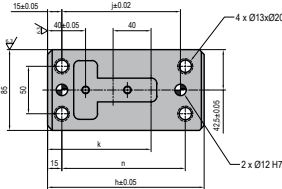
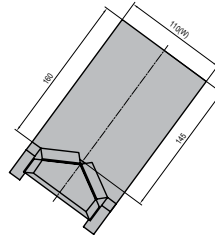
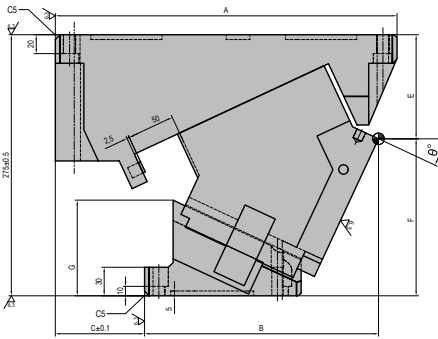
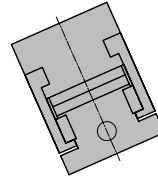
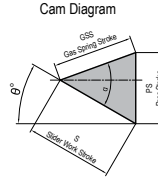
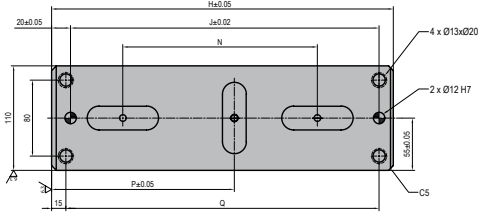
Spring Specification

Spring	θ	Spring Force N (kgf)		Model
		Initial	Final	
GS	50 ~ 65	-	4858 (495,7)	RV320-038C
GS	70 ~ 75		4800 (489,8)	RV320-025C

Order Example:

W= 85, θ= 60, GS

Order Code: K802-02-85-60-GS



α	GSS	S	PS
0°	50,00	32,10	38,30
05°		35,50	38,40
10°		38,90	38,90
15°		42,40	39,70
20°		46,10	40,80
25°		50,00	42,30
30°		54,30	44,20
35°		59,00	46,80
40°		64,30	50,00
45°		70,40	54,20

Θ	Travel	A	B	C	E	F	G	H	J	K	N	P	Q
00	32,1	318,00	180,00	138	70,00	205,00	55,0	330	295	70	185,0	137,5	300
05	35,5	324,46	194,46	130	79,26	195,74	59,6						
10	38,9	330,22	209,22	121	84,13	190,87	70,2	360	325	75	205,0	192,5	330
15	42,4	336,20	222,20	114	94,45	180,55	76,8						
20	46,1	339,32	234,32	105	100,42	174,58	89,3						
25	50,0	340,51	246,51	94	109,67	165,33	100,8						
30	54,3	348,36	278,36	70	120,54	154,46	124,5						
35	59,0	343,52	289,52	54	127,82	147,18	125,0						
40	64,3	332,59	268,59	64	139,41	135,59	130,0						
45	70,4	322,52	277,52	45	149,44	125,56	140,0						

Specification Table

Mounting Width (W)	Working Angle (θ)	Working Force (KN)	Return Force N (kgf)	Return Spring	j	k	n	h
110	00	150,0	7533 (768,7)	GS (Special Springs)	125	109	130	150
	05		7516 (767,0)					
	10		7499 (765,2)					
	15		7480 (763,3)					
	20		7461 (761,3)					
	25		7441 (759,2)					
	30		7420 (757,1)		140	115	180	
	35		7399 (755,0)					
	40		7378 (752,8)					
	45		7356 (750,6)		105	95	150	

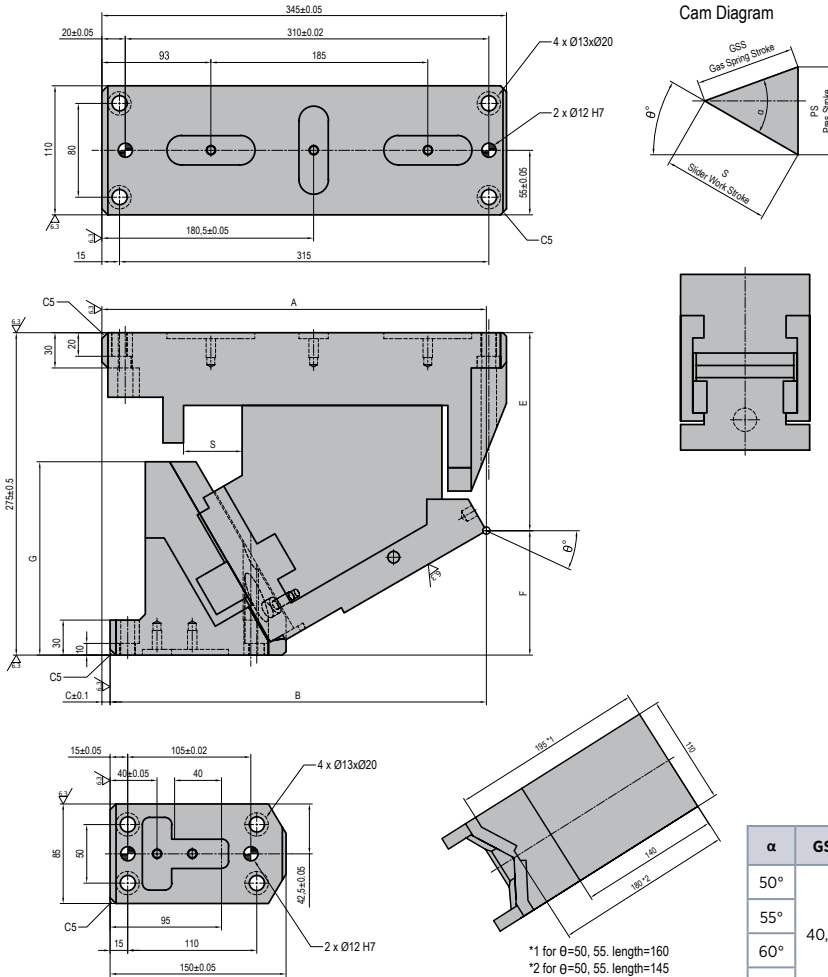
Spring Specification

Spring	θ	Spring Force N (kgf)		Model
		Initial	Final	
GS	00 ~ 45	-	4867 (496,6)	RV320-063C

Order Example:

W= 110, θ= 25, GS

Order Code: K802-02-110-25-GS



α	GSS	S	PS
50°	40,00	77,80	59,60
55°		87,20	71,40
60°		100,00	86,60
65°		94,60	85,80
70°	28,00	81,90	76,90
75°		108,20	104,50

θ	Travel	A	B	C	E	F	G	S
50	77,8	309,47	284,47	25	156,17	118,83	150,0	50
55	87,2	311,07	293,07	18	169,79	105,21	155,0	
60	100,0	327,93	320,93	7	168,85	106,15	165,0	40
65	94,6	317,17	327,17	-10	185,00	90,00		28
70	81,9	313,12	333,12	-20	205,00	70,00		
75	108,2	306,76	336,76	-30	225,00	50,00		

Specification Table

Mounting Width (W)	Working Angle (θ)	Working Force (KN)	Return Force N (kgf)	Return Spring
110	50	150,0	7335 (748,5)	GS (Special Springs)
	55		7979 (814,2)	
	60		8819 (899,8)	
	65		9977 (1018,1)	
	70		11141 (1136,9)	
	75		13323 (1359,5)	

Spring Specification

Spring	θ	Spring Force N (kgf)		Model
		Initial	Final	
GS	50 ~ 60	-	4867 (496,6)	RV320-063C
GS	65		4880 (498,0)	RV320-050C
GS	70 ~ 75		4747 (484,4)	RV320-038C

Order Example:

W= 110, θ= 60, GS

Order Code: K802-02-110-60-GS

Specification Table

Mounting Width (W)	Working Angle (θ)	Working Force (KN)	Return Force N (kgf)	Return Spring
165	00	171,0	14996 (1530,3)	GS (Special Springs)
	05		14972 (1527,8)	
	10		14945 (1525,0)	
	15		14918 (1522,3)	
	20		14890 (1519,4)	
	25		14860 (1516,3)	
	30		14830 (1513,2)	
	35		14799 (1510,1)	
	40		14768 (1506,9)	
	45		14736 (1503,7)	

Spring Specification

Spring	θ	Spring Force N (kgf)		Model
		Initial	Final	
GS	00 ~ 45	-	10892 (1111,4)	RV750-063B

Order Example:

W= 165, θ= 20, GS

Order Code: K802-02-165-20-GS

Specification Table

Mounting Width (W)	Working Angle (θ)	Working Force (KN)	Return Force N (kgf)	Return Spring
165	50	171,0	14705 (1500,5)	GS (Special Springs)
	55		15372 (1568,5)	
	60		15715 (1603,6)	
	65		17719 (1808,0)	
	70		20488 (2090,6)	
	75		22993 (2346,2)	

Spring Specification

Spring	θ	Spring Force N (kgf)		Model
		Initial	Final	
GS	50	-	10892 (1111,4)	RV750-063B
GS	55		10480 (1069,4)	RV750-050B
GS	60 ~ 70		9716 (991,4)	RV750-038B
GS	75		9137 (932,3)	RV750-038B

Order Example:

W= 165, θ= 60, GS

Order Code: K802-02-165-60-GS

Specification Table

Mounting Width (W)	Working Angle (θ)	Working Force (KN)	Return Force N (kgf)	Return Spring
200	00	218,0	15061 (1536,8)	GS (Special Springs)
	05		15030 (1533,6)	
	10		14996 (1530,2)	
	15		14961 (1526,7)	
	20		14925 (1523,0)	
	25		14887 (1519,1)	
	30		14849 (1515,2)	
	35		14810 (1511,2)	
	40		14770 (1507,2)	
	45		14730 (1503,1)	

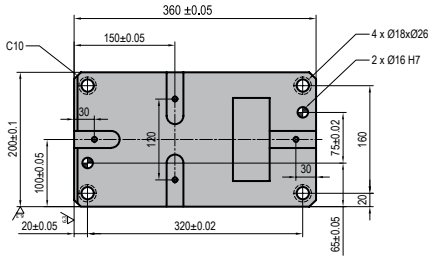
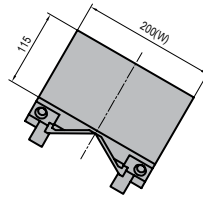
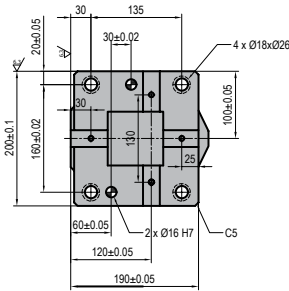
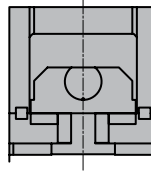
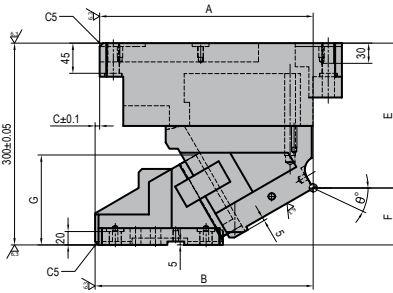
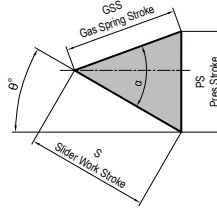
Spring Specification

Spring	θ	Spring Force N (kgf)		Model
		Initial	Final	
GS	00 ~ 45	-	10892 (1111,4)	RV750-063B

Order Example:

W= 200, θ= 25, GS

Order Code: K802-02-200-25-GS


Cam Diagram


α	GSS	S	PS
50°	50,00	77,80	59,60
55°	30,00	52,30	42,80
60°		60,00	52,00
65°		71,00	64,30
70°	20,00	58,50	54,90
75°		77,30	74,60

θ	Travel	A	B	C	E	F	G	S
50	77,8	327,27	317,27	10	195,63	104,37	142,0	50
55	52,3	324,39	324,39	0	210,20	89,80	132,0	30
60	60,0	317,59	324,59	-7	215,63	84,37	134,0	
65	71,0	319,23	334,23	-15	231,40	68,60	133,0	
70	58,5	313,07	338,07	-25	245,67	54,33	134,0	20
75	77,3	306,08	341,08	-35	260,24	39,76	133,0	

Specification Table

Mounting Width (W)	Working Angle (θ)	Working Force (KN)	Return Force N (kgf)	Return Spring
200	50	218,0	14691 (1499,0)	GS (Special Springs)
	55		14688 (1498,8)	
	60		16243 (1657,4)	
	65		18313 (1868,6)	
	70		20465 (2088,3)	
	75		24477 (2497,6)	

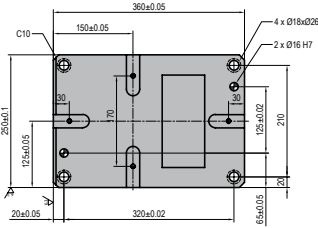
Spring Specification

Spring	θ	Spring Force N (kgf)		Model
		Initial	Final	
GS	50	-	10892 (1111,4)	RV750-063B
GS	55 ~ 65		10040 (1024,5)	RV750-050B
GS	70 ~ 75		9716 (991,4)	RV750-038B

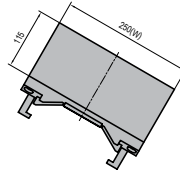
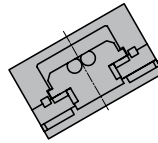
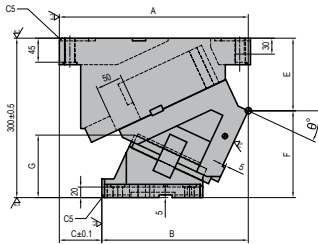
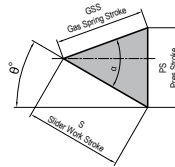
Order Example:

W= 200, θ= 60, GS

Order Code: K802-02-200-60-GS



Cam Diagram



α	GSS	S	PS
0°	50,00	32,10	38,30
05°		35,50	38,40
10°		38,90	38,90
15°		42,40	39,70
20°		46,10	40,80
25°		50,00	42,30
30°		54,30	44,20
35°		59,00	46,80
40°		64,30	50,00
45°		70,40	54,20

θ	Travel	A	B	C	E	F	G
00	32,1	360,00	210,00	150	95,00	205,00	72,5
05	35,5	356,43	222,43	134	98,92	201,08	84,8
10	38,9	359,62	241,62	118	109,12	190,88	91,7
15	42,4	356,30	245,30	111	120,53	179,47	96,8
20	46,1	356,37	263,37	93	128,12	171,88	107,2
25	50,0	355,73	275,73	80	136,81	163,19	117,1
30	54,3	358,28	288,28	70	146,55	153,45	126,2
35	59,0	346,94	282,94	64	157,25	142,75	134,6
40	64,3	345,56	287,56	58	168,85	131,15	142,1
45	70,4	346,27	306,27	40	181,24	118,76	148,8

Specification Table

Mounting Width (W)	Working Angle (θ)	Working Force (KN)	Return Force N (kgf)	Return Spring
250	00	284,0	29916 (3052,7)	GS (Special Springs)
	05		29876 (3048,5)	
	10		29832 (3044,0)	
	15		29786 (3039,4)	
	20		29738 (3034,5)	
	25		29688 (3029,4)	
	30		29637 (3024,2)	
	35		29586 (3019,0)	
	40		29534 (3013,6)	
	45		29481 (3008,3)	

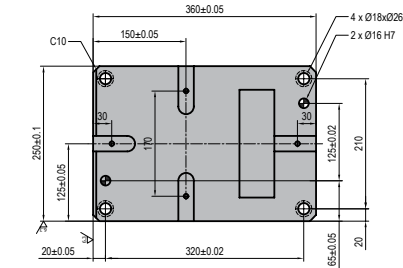
Spring Specification

Spring	θ	Spring Force N (kgf)		Model
		Initial	Final	
GS	00 ~ 45	-	21784 (2222,9)	RV750-063B

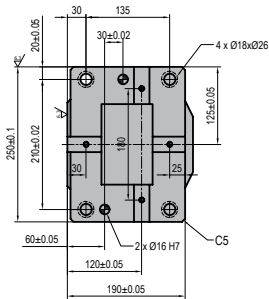
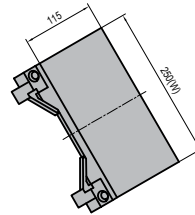
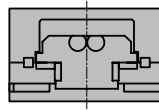
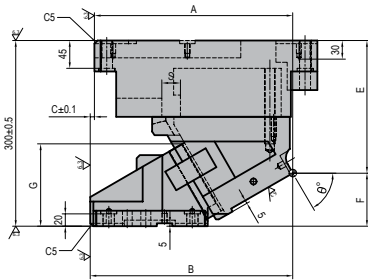
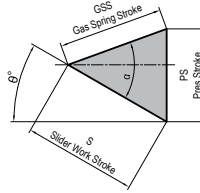
Order Example:

W= 250, θ= 25, GS

Order Code: K802-02-250-25-GS



Cam Diagram



α	GSS	S	PS
50°	50,00	77,80	59,60
55°	30,00	52,30	42,80
60°		60,00	52,00
65°		71,00	64,30
70°	20,00	58,50	54,90
75°		77,30	74,60

Θ	Travel	A	B	C	E	F	G	S
50	77,8	328,80	318,80	10	194,34	105,66	139,2	50
55	52,3	326,84	326,84	0	208,48	91,52	126,1	30
60	60,0	320,19	327,19	-7	214,13	85,87	132,2	
65	71,0	319,23	334,23	-15	231,40	68,60	135,0	
70	58,5	313,07	338,07	-25	245,67	54,33	135,9	20
75	77,3	306,08	341,08	-35	260,24	39,76		

Specification Table

Mounting Width (W)	Working Angle (θ)	Working Force (KN)	Return Force N (kgf)	Return Spring
250	50	284,0	29429 (3003,0)	GS (Special Springs)
	55		29429 (3003,0)	
	60		32542 (3320,6)	
	65		36709 (3745,8)	
	70		41018 (4185,5)	
	75		49066 (5006,7)	

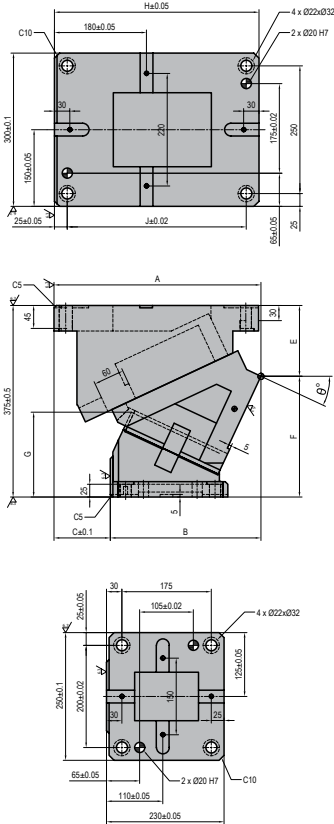
Spring Specification

Spring	θ	Spring Force N (kgf)		Model
		Initial	Final	
GS	50	-	21784 (2222,9)	RV750-063B
GS	55 ~ 65		20080 (2049,0)	RV750-050B
GS	70 ~ 75		19432 (1982,9)	RV750-038AB

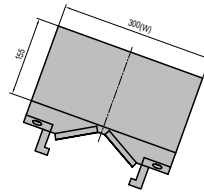
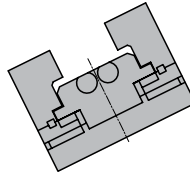
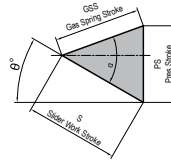
Order Example:

W= 250, θ= 60, GS

Order Code: K802-02-250-60-GS



Cam Diagram



α	GSS	S	PS
0°	60,00	38,60	46,00
05°		42,60	46,10
10°		46,70	46,70
15°		50,90	47,60
20°		55,30	48,90
25°		60,00	50,70
30°		65,10	53,10
35°		70,80	56,10
40°		77,10	60,00
45°		84,50	65,00

Θ	Travel	A	B	C	E	F	G	H	J
00	38,6	395,00	232,00	163	98,00	277,00	105,0	390	340
05	42,6	387,15	232,15	155	104,19	270,81	116,9		
10	46,7	394,13	249,13	145	111,86	263,14	128,5		
15	50,9	395,82	260,82	135	121,01	253,99	139,6		
20	55,3	397,08	277,08	120	131,59	243,41	150,2		
25	60,0	404,71	294,71	110	138,65	236,35	165,0	400	350
30	65,1	408,22	323,22	85	146,89	228,11	179,2		
35	70,8	404,52	334,52	70	159,17	215,83	189,6		
40	77,1	400,46	345,46	55	167,30	207,70	204,5		
45	84,5	394,84	345,84	40	179,24	195,76	215,6		

Specification Table

Mounting Width (W)	Working Angle (θ)	Working Force (KN)	Return Force N (kgf)	Return Spring
300	00	364,0	29608 (3021,2)	GS (Special Springs)
	05		29543 (3014,6)	
	10		29475 (3007,6)	
	15		29402 (3000,2)	
	20		29327 (2992,6)	
	25		29250 (2984,7)	
	30		29170 (2976,5)	
	35		29089 (2968,3)	
	40		29007 (2959,9)	
	45		28925 (2951,5)	

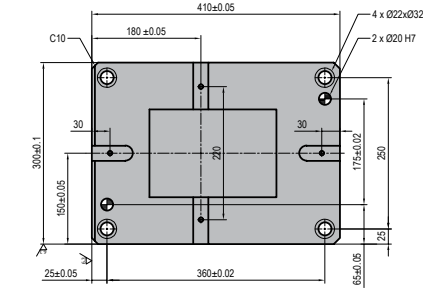
Spring Specification

Spring	θ	Spring Force N (kgf)		Model
		Initial	Final	
GS	00 ~ 45	-	21550 (2199,0)	RV750-080B

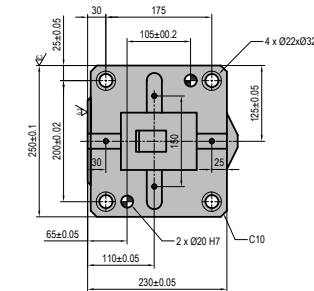
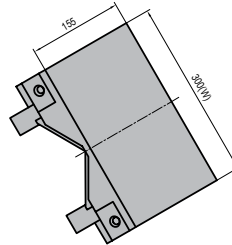
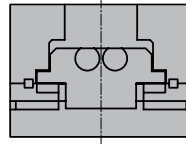
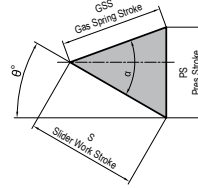
Order Example:

W= 300, θ= 25, GS

Order Code: K802-02-300-25-GS



Cam Diagram



α	GSS	S	PS
50°	60,00	93,30	71,50
55°		104,60	85,70
60°		120,00	103,90
65°	40,00	94,60	85,80
70°	25,00	73,10	68,70
75°		96,60	93,30

θ	Travel	A	B	C	E	F	G	S
50	93,3	393,35	376,35	17	196,04	178,96	194,8	60
55	104,6		393,35	0	222,75	152,25	188,8	
60	120,0		403,35	-10	249,61	125,39	182,3	
65	94,6	387,48	415,48	-28	266,49	108,51	185,4	40
70	73,1	378,65	423,65	-45	281,99	93,01	189,2	25
75	96,6	364,72	429,72	-65	296,88	78,12	193,0	

Specification Table

Mounting Width (W)	Working Angle (θ)	Working Force (KN)	Return Force N (kgf)	Return Spring
300	50	284,0	28842 (2943,1)	GS (Special Springs)
	55		31364 (3200,4)	
	60		34665 (3537,2)	
	65		37172 (3793,0)	
	70		40388 (4121,2)	
	75		48308 (4929,4)	

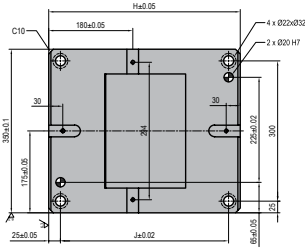
Spring Specification

Spring	θ	Spring Force N (kgf)		Model
		Initial	Final	
GS	50 ~ 60	-	21550 (2199,0)	RV750-080B
GS	65		20387 (2080,3)	RV750-063B
GS	70 ~ 75		19200 (1959,2)	RV750-050B

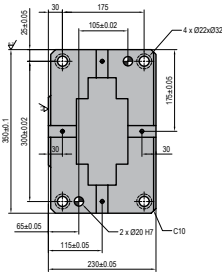
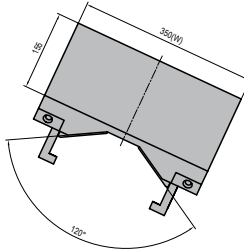
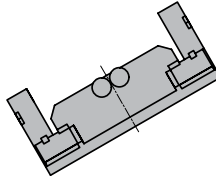
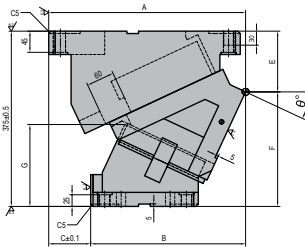
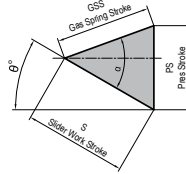
Order Example:

W= 300, θ= 60, GS

Order Code: K802-02-300-60-GS



Cam Diagram



α	GSS	S	PS
0°	60,00	38,60	46,00
05°		42,60	46,10
10°		46,70	46,70
15°		50,90	47,60
20°		55,30	48,90
25°		60,00	50,70
30°		65,10	53,10
35°		70,80	56,10
40°		77,10	60,00
45°		84,50	65,00

Θ	Travel	A	B	C	E	F	G	H	J
00	38,6	395,00	235,00	160	85,00	290,00	117,5	390	340
05	42,6	409,62	254,62	155	95,02	279,98	126,0		
10	46,7	414,52	274,52	140	104,67	270,33	136,1		
15	50,9	408,60	293,60	115	113,76	261,24	147,7		
20	55,3	422,92	312,92	110	122,21	252,79	160,8		
25	60,0	421,53	331,53	90	129,96	245,04	175,3	410	360
30	65,1	418,50	348,50	70	136,94	238,06	191,2		
35	70,8	415,89	365,89	50	153,12	221,88	198,2		
40	77,1	410,78	380,78	30	168,43	206,57	206,2		
45	84,5	405,25	395,25	10	182,84	192,16	215,1		

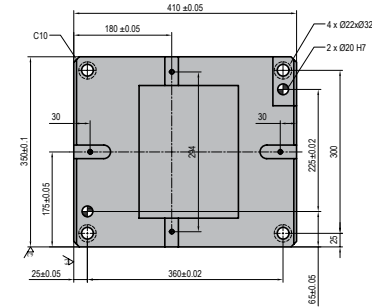
Specification Table				
Mounting Width (W)	Working Angle (θ)	Working Force (KN)	Return Force N (kgf)	Return Spring
350	00	405,0	42142 (4300,2)	GS (Special Springs)
	05		42067 (4292,6)	
	10		41988 (4284,5)	
	15		41904 (4275,9)	
	20		41816 (4266,9)	
	25		41725 (4257,7)	
	30		41632 (4248,2)	
	35		41537 (4238,5)	
	40		41442 (4228,7)	
	45		41346 (4218,9)	

Spring Specification				
Spring	θ	Spring Force N (kgf)		Model
		Initial	Final	
GS	00 ~ 45	-	26800 (2734,7)	RV1000-080B

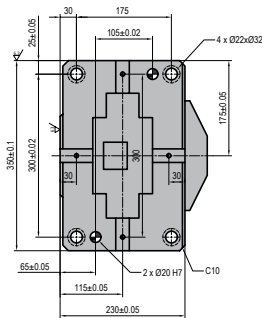
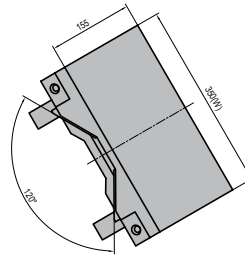
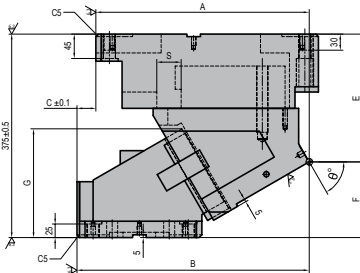
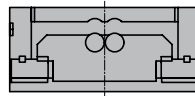
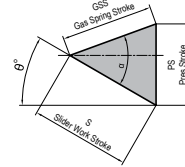
Order Example:

W= 350, θ= 25, GS

Order Code: K802-02-350-25-GS



Cam Diagram



α	GSS	S	PS
50°	60,00	93,30	71,50
55°	50,00	87,20	71,40
60°	45,00	90,00	77,90
65°	40,00	94,60	85,80
70°	30,00	87,70	82,40
75°	25,00	96,60	93,30

θ	Travel	A	B	C	E	F	G	S
50	93,3	397,37	407,37	-10	201,32	173,68	219,8	60
55	87,2	398,61	418,61	-20	214,69	160,31	200,6	
60	90,0	392,76	427,76	-35	235,67	139,33	200,3	
65	94,6	398,83	438,83	-40	255,31	119,69	200,9	40
70	87,7	394,78	444,78	-50	274,53	100,47	201,2	25
75	96,6	394,55	449,55	-55	295,21	79,79	199,4	

Specification Table

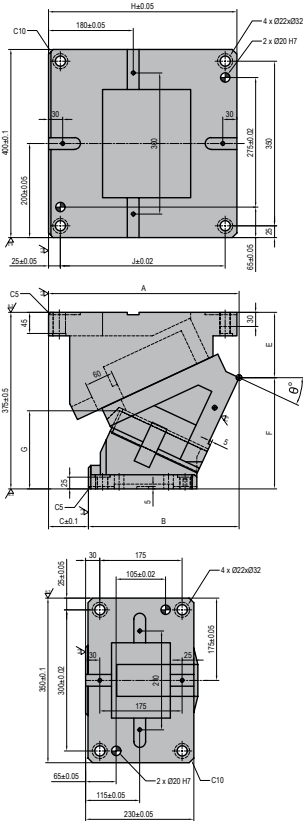
Mounting Width (W)	Working Angle (θ)	Working Force (KN)	Return Force N (kgf)	Return Spring
350	50	405,0	41250 (4209,2)	GS (Special Springs)
	55		43059 (4393,7)	
	60		48747 (4974,1)	
	65		52806 (5388,3)	
	70		59962 (6118,6)	
	75		67961 (6934,8)	

Spring Specification

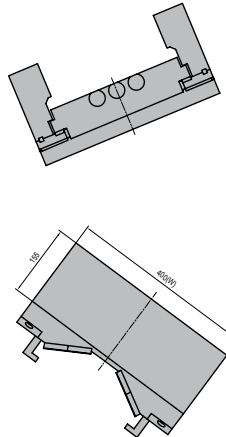
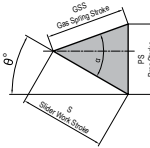
Spring	θ	Spring Force N (kgf)		Model
		Initial	Final	
GS	50	-	26800 (2734,7)	RV1000-080B
GS	55		25733 (2625,8)	RV1000-075B
GS	60		26257 (2679,3)	RV1000-063B
GS	65		25384 (2590,2)	RV1200-063B
GS	70		24880 (25388)	RV1000-050B
GS	75		23800 (2428,6)	RV1200-050B

Order Example:
W= 350, **θ=** 60, GS

Order Code: K802-02-350-60-GS



Cam Diagram



α	GSS	S	PS
0°	60,00	38,60	46,00
05°		42,60	46,10
10°		46,70	46,70
15°		50,90	47,60
20°		55,30	48,90
25°		60,00	50,70
30°		65,10	53,10
35°		70,80	56,10
40°		77,10	60,00
45°		84,50	65,00

θ	Travel	A	B	C	E	F	G	H	J
00	38,6	395,00	237,00	158	88,00	287,00	116,0	390	340
05	42,6	387,15	232,15	155	94,19	280,81	126,4		
10	46,7	394,13	249,13	145	106,86	268,14	133,0		
15	50,9	395,82	260,82	135	118,01	256,99	142,1		
20	55,3	397,08	297,08	100	131,59	243,41	149,7		
25	60,0	404,71	319,71	85	138,65	236,35	165,4	400	350
30	65,1	408,22	343,22	65	146,89	228,11	178,7		
35	70,8	404,52	354,52	50	159,17	215,83	189,2		
40	77,1	400,46	360,46	40	167,30	207,70	204,1		
45	84,5	394,84	374,84	20	179,24	195,76	215,2		

Specification Table

Mounting Width (W)	Working Angle (θ)	Working Force (KN)	Return Force N (kgf)	Return Spring
400	00	450,0	44337 (4524,1)	GS (Special Springs)
	05		44248 (4515,1)	
	10		44154 (4505,5)	
	15		44055 (4495,4)	
	20		43951 (4484,8)	
	25		43844 (4473,9)	
	30		43734 (4462,6)	
	35		43621 (4451,2)	
	40		43508 (4439,6)	
	45		43395 (4428,0)	

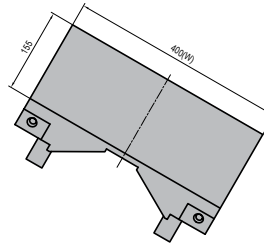
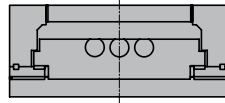
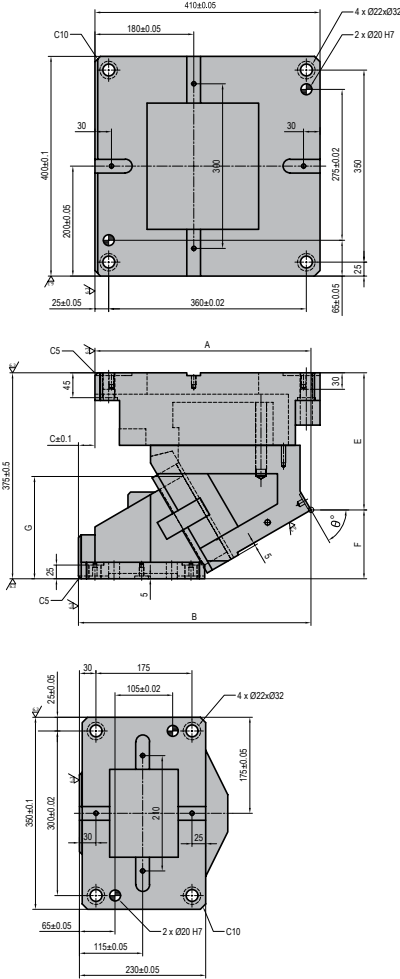
Spring Specification

Spring	θ	Spring Force N (kgf)		Model
		Initial	Final	
GS	00 ~ 45	-	32325 (3298,5)	RV750-080B

Order Example:

W= 400, θ= 25, GS

Order Code: K802-02-400-25-GS



α	GSS	S	PS
50°	60,00	93,30	71,50
55°		104,60	85,70
60°		120,00	103,90
65°	40,00	94,60	85,80
70°	25,00	73,10	68,70
75°		96,60	93,30

θ	Travel	A	B	C	E	F	G	S
50	93,30	393,35	391,35	2,00	196,04	178,96	198,30	60,00
55	104,60	392,76	405,76	-13,00	221,83	153,17	193,50	
60	120,00	393,35	423,35	-30,00	249,61	125,39	186,40	
65	94,60	387,48	435,48	-48,00	266,49	108,51	189,70	40,00
70	73,10	378,65	443,65	-65,00	281,99	93,01	193,80	25,00
75	96,60	364,72	449,72	-85,00	296,88	78,12	197,70	

Specification Table

Mounting Width (W)	Working Angle (θ)	Working Force (KN)	Return Force N (kgf)	Return Spring
400	50	450,00	43282 (4416,5)	GS Special Spring
	55		47074 (4803,4)	
	60		52028 (5308,9)	
	65		55793 (5693,1)	
	70		60617 (6185,4)	
	75		72512 (7399,2)	

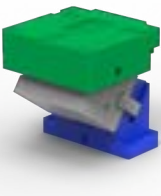
Spring Specification

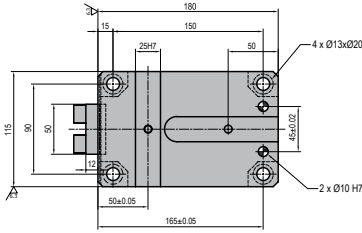
Spring	θ	Spring Force N (kgf)		Model
		Initial	Final	
GS	50 - 60	-	32325 (3298,5)	RV750-080B
GS	65	-	30581 (3120,5)	RV750-063B
GS	70 - 75	-	28800 (2938,8)	RV750-050-B

Order Example:

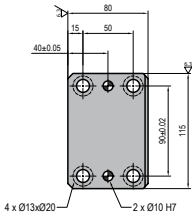
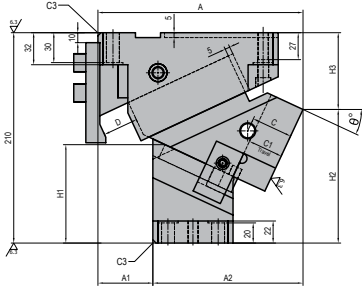
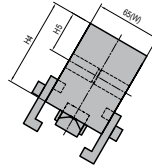
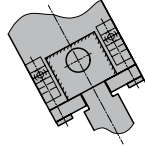
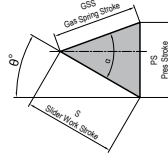
W= 400, θ= 60, GS

Order Code: K802-02-400-60-GS

Type	Catalog No:	Mounting Face		Working Angle	Stroke	Overall Width	Shut Height	Working Force (KN)		Spring Force (N)		Return Force (N)	Weight (kg)	
		Width	Height					Standard Working Force	Allowable Working Force	Initial	Final			
	K802-03-65-00	65	80	0	26.9	115	210	19,6	39,2	166.3	1069.2	1349	20	
	K802-03-65-05		90	5	27					237.6	1140.5	1544		
	K802-03-65-10		80	10	31.6							1427		
	K802-03-65-15		90	15	32.2							1533		
	K802-03-65-20		80	20	33.8					308.9		1417	19	
	K802-03-65-25		90	25	35					427.7		1522		
	K802-03-65-30		80	30	33.5					356.4		1406		
	K802-03-65-35		90	35	35.4					308.9		1510		
	K802-03-65-40		80	40	42.9					296.9		1395	18	
	K802-03-65-45		90	45	46.5							1497		
	K802-03-65-50		90	50	54,5							1039.2		1491
	K802-03-65-55		100	55	43.6					890.7		1480		
	K802-03-65-60		100	60	50							1637		20
	K802-03-65-65		110	65	47.3							1576		
	K802-03-65-70		110	70	58.5					1824		1824		
	K802-03-100-00	100	100	0	28.3	160	280	44,1	88,2	313.3	2819.7	3568	49	
	K802-03-100-05		120	5	28.3							3835		
	K802-03-100-10		100	10	33.3							3537	48	
	K802-03-100-15		120	15	33.9							3806		
	K802-03-100-20		100	20	30.9					219.3	2558.5	3192		
	K802-03-100-25		120	25	32							3430	46	
	K802-03-100-30			30	33.5							3470		
	K802-03-100-35			35	35.3					175.4	2807	3724		
	K802-03-100-40			40	39							3437	43	
	K802-03-100-45			45	42.2							3690		
	K802-03-100-50		140	50	46.7							3669		
	K802-03-100-55			55	52.3							3990	42	
	K802-03-100-60			60	60							4412		
	K802-03-100-65		150	65	70.9							4977		
	K802-03-100-70		140	70	58.5					548.3	2741.5	5625	83	
	K802-03-200-00	200	100	0	28.3	260	280	93,1	186,2	626	5634.0	7119		
	K802-03-200-05		120	5	28.3					626.6	5639.4	7675		
	K802-03-200-10		100	10	33.3							7066	82	
	K802-03-200-15		120	15	33.9							7617		
	K802-03-200-20		100	20	30.9					438.6	5117	6378		
	K802-03-200-25		120	25	32							6860	77	
	K802-03-200-30		120	30	33.5							6940		
	K802-03-200-35		140	35	35.3					350.9	5614.1	7450		
	K802-03-200-40		120	40	39							6877	80	
	K802-03-200-45		140	45	42.2							7379		
	K802-03-200-50			50	46.7							7342		
	K802-03-200-55			55	52.3							7989		
	K802-03-200-60			60	60							8829	80	
	K802-03-200-65			65	70.9							9961		
	K802-03-200-70		70	58.5						1096.6	5483	11253		



Cam Diagram



α	GSS	S	PS
45°	38,00	26,90	26,90
50°		27,00	29,20
45°		31,60	27,30
50°	35,00	32,20	30,10
45°		33,80	26,30
50°		35,00	29,60
45°	30,00	33,50	24,50
50°		35,40	28,10
45°		42,90	30,50
50°	25,00	46,50	35,80
55°		54,50	41,70
60°		43,60	35,70
65°	20,00	50,00	43,30
70°		47,30	42,90
		58,50	54,90

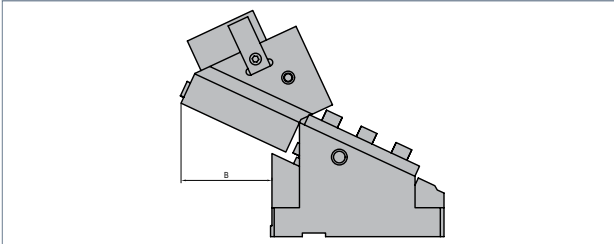
θ	A	A1	A2	C	C1	D	H1	H2	H3	H4	H5	B
00	185,94	75,00	110,94	37,5	26,90	38,0	73,40	153,43	56,57	80,00	38,90	52
05	193,01	70,00	123,01	41,0	27,00		73,90			90,00	42,60	
10	196,80		126,80	37,5	31,60		83,50	142,42	67,58	80,00	38,90	61
15	203,77	67,00	136,77	41,0	32,20	84,70	141,19	68,81	90,00	42,60		
20	198,10	60,00	138,10	37,5	33,80	35,0	100,80	135,69	74,31	80,00	38,90	71
25	204,75	55,00	149,75	41,0	35,00		103,80	133,27	76,73	90,00	42,60	
30	193,63	50,00	143,63	37,5	33,50	30,0	111,00	120,48	89,52	80,00	38,90	79
35	199,76	45,00	154,76	41,0	35,40		105,00	116,94	93,06	90,00	42,60	
40	188,72	40,00	148,72	37,5	42,90	33,0	120,00	110,38	99,62	80,00	38,90	
45	194,12	34,00	160,13	41,0	46,50		115,00	105,84	104,16	90,00	42,60	77
50	190,00	30,00	160,00	54,5	41,00	35,0	130,00	100,00	110,00			
55		20,00	170,00	41,0	43,60	25,0		95,00	115,00	100,00	43,20	87
60				37,3	50,00						46,60	
65				46,7	47,30						43,30	
70		0,00	190,00	42,7	58,50	20,0		80,00	130,00	110,00	47,20	92

Specification Table

Mounting Width (W)	Working Angle (θ)	Travel (S)	Working Force (KN)		Spring Force N(kgf)		Return Force N(kgf)
			Standard Working Force	Allowable Working Force	Initial	Final	
65	00	26,9	19,6 (2,0)	39,2 (4,0)	166,3 (17,0)	1069,2 (109,0)	1349 (137,6)
	05	27,0			237,6 (24,2)	1140,5 (116,3)	1544 (157,6)
	10	31,6			237,6 (24,2)		1427 (145,6)
	15	32,2			237,6 (24,2)		1533 (156,5)
	20	33,8			308,9 (31,5)		1417 (144,6)
	25	35,0			308,9 (31,5)		1522 (155,3)
	30	33,5			427,7 (43,6)		1406 (143,5)
	35	35,4			427,7 (43,6)		1510 (154,0)
	40	42,9			356,4 (36,3)		1395 (142,4)
	45	46,5			356,4 (36,3)		1497 (152,8)
	50	54,5			308,9 (31,5)		1491 (152,1)
	55	43,6			296,9 (30,3)	1039,2 (106,0)	1480 (151,0)
	60	50				1039,2 (106,0)	1637 (167,0)
	65	47,3				890,7 (90,8)	1576 (160,8)
	70	58,5				890,7 (90,8)	1824 (186,1)

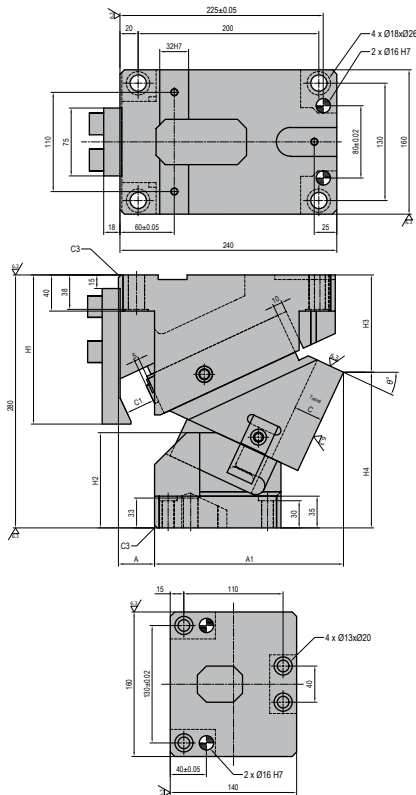
Spring Specification

θ	Spring
00 ~ 50	SLR30-125
55 ~ 70	SLR30-100

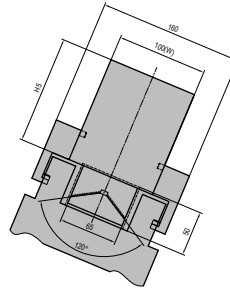
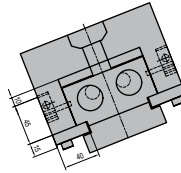
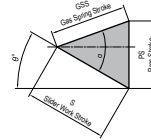
Space for Removing

Order Example:

W= 65, θ= 10

Order Code: K802-03-65-10



Cam Diagram



α	GSS	S	PS
45°	40,00	28,30	28,30
50°		28,30	30,70
45°		33,30	28,70
50°		33,90	31,70
45°	32,00	30,90	24,10
50°		32,00	27,00
45°	30,00	33,50	24,50
50°		35,30	28,00
45°		39,00	27,70
50°		42,20	32,50
50°		46,70	35,80
55°		52,30	42,80
60°		60,00	52,00
65°		70,90	64,30
70°	20,00	58,50	54,90

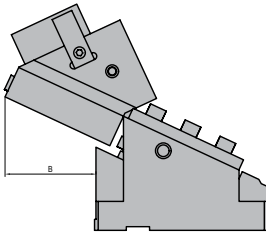
Θ	A	A1	C	C1	H1	H2	H3	H4	H5	B
00	80	160,00	28,30	40,0	220,00	90,00	85,00	195,00	100	83,00
05		154,824				86,40	80,00	200,00	120	
10	60	180,00	33,30		190,00	100,00	90,00	190,00	100	96,00
15	70	181,24	33,90			95,00	87,27	192,76	120	
20	50	190,00	30,90	32,0	165,00	109,50	110,00	170,00	100	116,00
25	40	209,21	32,00			105,50	107,70	172,30	120	
30	30	210,00	33,50	30,0	125,00	120,00	110,00	170,00		127,00
35		217,46	35,30			132,40	114,00	166,00		
40		210,00	39,00		95,00	145,30	115,00	165,00	130,00	
45	15	227,73	42,20			152,70	128,04	151,96	129,00	
50	10	230,00	46,70	80,00	153,60	120,00	160,00	140	132,00	
55	0	243,28	52,30		153,17	142,12	137,88		134,00	
60		240,00	60,00		168,10	145,00	135,00	149,00		
65	-25	255,94	70,90		177,17	149,23	130,77	150	142,00	
70	0	240,00	58,50	20,0	179,30	145,00	135,00	140	142,00	

Specification Table

Mounting Width (W)	Working Angle (θ)	Travel (S)	Working Force (KN)		Spring Force N(kgf)		Return Force N(kgf)
			Standard Working Force	Allowable Working Force	Initial	Final	
100	00	28,3	44,1 (4,5)	88,2 (9,0)	313,3 (31,9)	2819,7 (287,5)	3568 (364,1)
	05						3835 (391,3)
	10	33,3					3537 (360,9)
	15	33,9					3806 (388,4)
	20	30,9			219,3 (22,4)	2558,5 (260,9)	3192 (325,7)
	25	32,0					3430 (350,0)
	30	33,5			175,4 (17,9)	2807 (286,2)	3470 (354,1)
	35	35,3					3724 (380,0)
	40	39					3437 (350,7)
	45	42,2					3690 (376,5)
	50	46,7					3669 (374,4)
	55	52,3					3990 (407,1)
	60	60					4412 (450,2)
	65	70,9					4977 (507,8)
	70	58,5			548,3 (55,9)	2741,5 (279,6)	5625 (574,0)

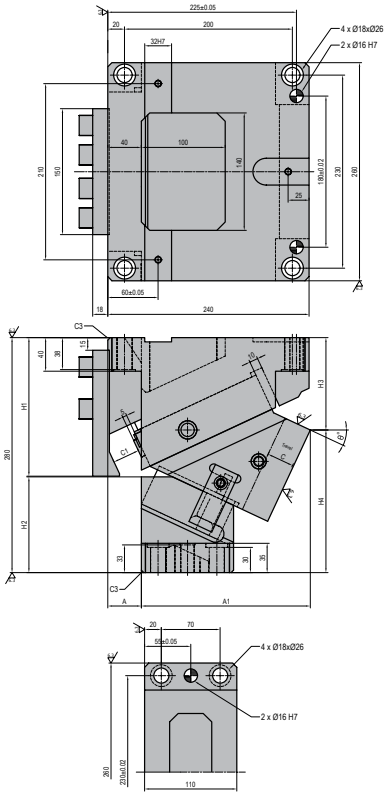
Spring Specification

θ	Spring
00 ~ 15	SM30-175
20 ~ 25	SM30-150
30 ~ 65	SM30-125
70	SM30-100

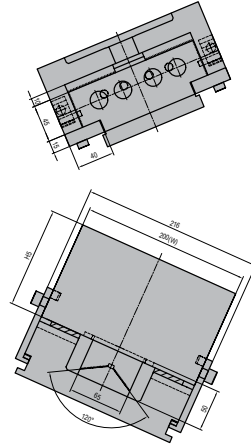
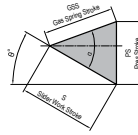
Space for Removing

Order Example:

W= 100, θ= 10

Order Code: K802-03-100-10



Cam Diagram



α	GSS	S	PS
45°	40,00	28,30	28,30
50°		28,30	30,90
45°		33,30	28,70
50°		33,90	31,70
45°	32,00	30,90	24,10
50°		32,00	27,00
45°		33,50	24,50
50°		35,30	28,00
45°	30,00	39,00	27,70
50°		42,20	32,50
55°		52,30	42,80
60°		60,00	52,00
65°	20,00	70,90	64,30
70°		58,50	54,90

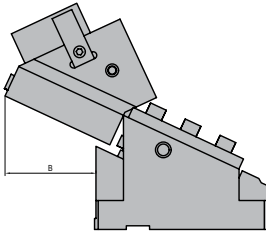
θ	A	A1	C	C1	H1	H2	H3	H4	H5	B
00	80	160,00	28,30	40,0	220,00	90,00	85,00	195,00	100	83,00
05	60	168,66				91,60	80,00	200,00	120	
10		180,00	33,30		190,00	113,80	90,00	190,00	100	96,00
15	50	194,14	33,90			108,60	90,00	190,00	120	
20	50	190,00	30,90	32,0	165,00	118,20	110,00	170,00	100	116,00
25	40	201,36	32,00			113,40	110,00	170,00	120	
30	30	210,00	33,50	30,0	125,00	125,40	110,00	170,00		140
35		219,78	35,30			130,50	100,00	180,00		
40		210,00	39,00		95,00	139,80	115,00	165,00	120	130,00
45	15	232,09	42,20			143,00	115,00	165,00	140	
50	10	230,00	46,70		80,00	149,70	120,00	160,00		132,00
55	0	234,73	52,30			147,10	140,00	140,00		134,00
60		240,00	60,00			155,10	145,00	135,00		132,00
65		0	245,98			70,90	152,00	165,00		115,00
70	0	240,00	58,50	20,0		179,30	145,00	135,00	142,00	

Specification Table

Mounting Width (W)	Working Angle (θ)	Travel (S)	Working Force (KN)		Spring Force N(kgf)		Return Force N(kgf)
			Standard Working Force	Allowable Working Force	Initial	Final	
200	00	28,3	93,1 (9,5)	186,2 (19,0)	626,0 (63,9)	5634,0 (574,9)	7119 (726,4)
	05				626,6 (63,9)	5639,4 (575,1)	7675 (783,1)
	10	33,3					7066 (721,0)
	15	33,9					7617 (777,2)
	20	30,9			438,6 (44,7)	5117 (521,8)	6378 (650,8)
	25	32,0					6860 (700,0)
	30	33,5			350,9 (35,8)	5614,1 (572,5)	6940 (708,2)
	35	35,3					7450 (760,2)
	40	39					6877 (701,7)
	45	42,2					7379 (753,0)
	50	46,7					7342 (749,2)
	55	52,3					7989 (815,2)
	60	60					8829 (900,9)
	65	70,9					9961 (1016,4)
	70	58,5			1096,6 (111,8)	5483 (559,1)	11253 (1148,2)

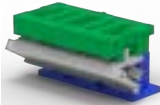
Spring Specification

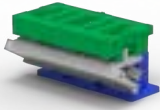
θ	Spring
00 ~ 15	SM30-175
20 ~ 25	SM30-150
30 ~ 65	SM30-125
70	SM30-100

Space for Removing

Order Example:

W= 200, θ= 10

Order Code: K802-03-200-10

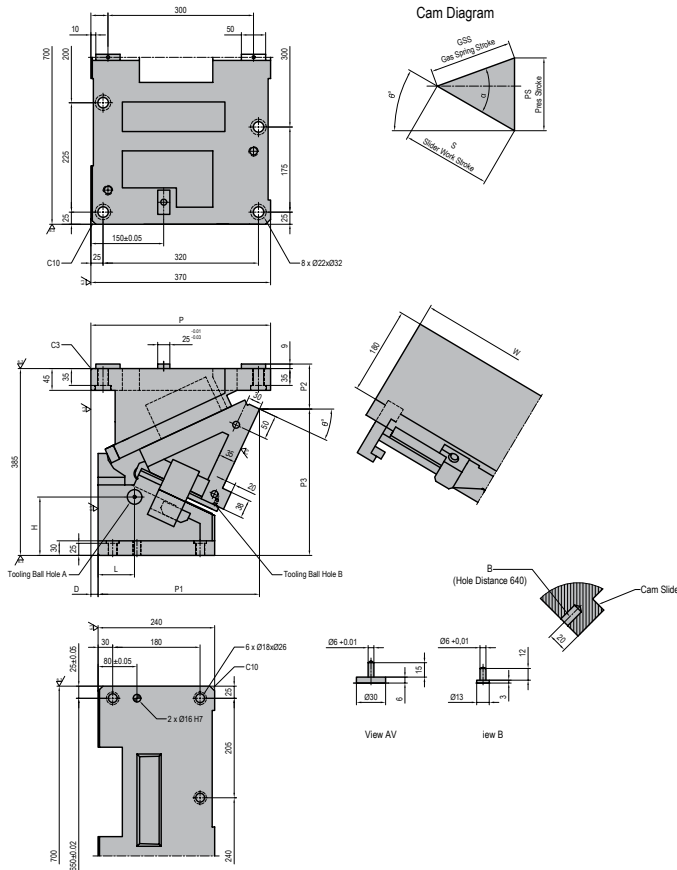
Type	Catalog No:	Mounting Face		Working Angle	Stroke	Overall Width	Shut Height	Working Force (kN)	Spring Force (N)		Return Force (N)	Weight (kg)
		Width	Height						Initial	Final		
	K802-04-500-00	500	180	0	38,6	500	385	314	-	18682.0	25575	266
	K802-04-500-05			5	42,6						25481	262
	K802-04-500-10			10	46,7						25381	261
	K802-04-500-15			15	50,9						25275	260
	K802-04-500-20			20	55,3						25164	261
	K802-04-500-25			25	60,0						25050	
	K802-04-500-30			30	65,1						24932	264
	K802-04-500-35			35	70,8						24813	270
	K802-04-500-40			40	77,1						24692	275
	K802-04-500-45			45	84,5						24571	282
	K802-04-500-50			50	93,3						24451	
	K802-04-500-55			55	104,6						26590	292
	K802-04-500-60			60	120,0						29388	300
	K802-04-600-00	600	180	0	38,6	600	385	314	-	18682.0	25575	272
	K802-04-600-05			5	42,6						25481	269
	K802-04-600-10			10	46,7						25381	268
	K802-04-600-15			15	50,9						25275	267
	K802-04-600-20			20	55,3						25164	268
	K802-04-600-25			25	60,0						25050	
	K802-04-600-30			30	65,1						24932	271
	K802-04-600-35			35	70,8						24813	277
	K802-04-600-40			40	77,1						24692	281
	K802-04-600-45			45	84,5						24571	289
	K802-04-600-50			50	93,3						24451	
	K802-04-600-55			55	104,6						26590	299
	K802-04-600-60			60	120,0						29388	309
	K802-04-700-00	700	180	0	38,6	700	385	470	-	28023	38301	363
	K802-04-700-05			5	42,6						38166	359
	K802-04-700-10			10	46,7						38022	357
	K802-04-700-15			15	50,9						37871	
	K802-04-700-20			20	55,3						37712	356
	K802-04-700-25			25	60,0						37548	357
	K802-04-700-30			30	65,1						37380	363
	K802-04-700-35			35	70,8						37209	371
	K802-04-700-40			40	77,1						37036	377
	K802-04-700-45			45	84,5						36862	384
	K802-04-700-50			50	93,3						36690	387
	K802-04-700-55			55	104,6						39900	401
	K802-04-700-60			60	120,0						44098	413

Type	Catalog No:	Mounting Face		Working Angle	Stroke	Overall Width	Shut Height	Working Force (kN)	Spring Force (N)		Return Force (N)	Weight (kg)
		Width	Height						Initial	Final		
	K802-04-800-00	800	180	0	38,6	800	385	470	-	28023	38301	369
	K802-04-800-05			5	42,6						38166	366
	K802-04-800-10			10	46,7						38022	364
	K802-04-800-15			15	50,9						37871	
	K802-04-800-20			20	55,3						37712	363
	K802-04-800-25			25	60,0						37548	364
	K802-04-800-30			30	65,1						37380	370
	K802-04-800-35			35	70,8						37209	377
	K802-04-800-40			40	77,1						37036	384
	K802-04-800-45			45	84,5						36862	390
	K802-04-800-50			50	93,3						36690	393
	K802-04-800-55			55	104,6						39900	408
	K802-04-800-60			60	120,0						44098	421
	K802-04-900-00	900	180	0°	38,6	900	385	627	-	37364,0	51041	463
	K802-04-900-05			5°	42,6						50864	459
	K802-04-900-10			10°	46,7						50675	458
	K802-04-900-15			15°	50,9						50476	
	K802-04-900-20			20°	55,3						50268	460
	K802-04-900-25			25°	60						50052	462
	K802-04-900-30			30°	65,1						49832	468
	K802-04-900-35			35°	70,8						49607	479
	K802-04-900-40			40°	77,1						49380	487
	K802-04-900-45			45°	84,6						49152	499
	K802-04-900-50			50°	93,3						48926	498
	K802-04-900-55			55°	104,6						53207	519
	K802-04-900-60			60°	120						58804	535
	K802-04-1000-00	1000	180	0°	38,6	1000	385	627	-	37364,0	51041	470
	K802-04-1000-05			5°	42,6						50864	466
	K802-04-1000-10			10°	46,7						50675	465
	K802-04-1000-15			15°	50,9						50476	
	K802-04-1000-20			20°	55,3						50268	467
	K802-04-1000-25			25°	60						50052	468
	K802-04-1000-30			30°	65,1						49832	475
	K802-04-1000-35			35°	70,8						49607	486
	K802-04-1000-40			40°	77,1						49380	494
	K802-04-1000-45			45°	84,6						49152	506
	K802-04-1000-50			50°	93,3						48926	505
	K802-04-1000-55			55°	104,6						53207	527
	K802-04-1000-60			60°	120						58804	543

**Order Example:**

W= 700, $\theta= 10$, GS

Order Code:K802-04-700-10-GS



α	GSS	S	PS
50°	60,00	38,60	46,00
		42,60	46,10
		46,70	46,70
		50,90	47,60
		55,30	48,90
		60,00	50,70
		65,10	53,10
		70,80	56,10
		77,10	60,00
		84,50	65,00
55°		93,30	71,50
60°		104,60	85,70
		120,00	103,90

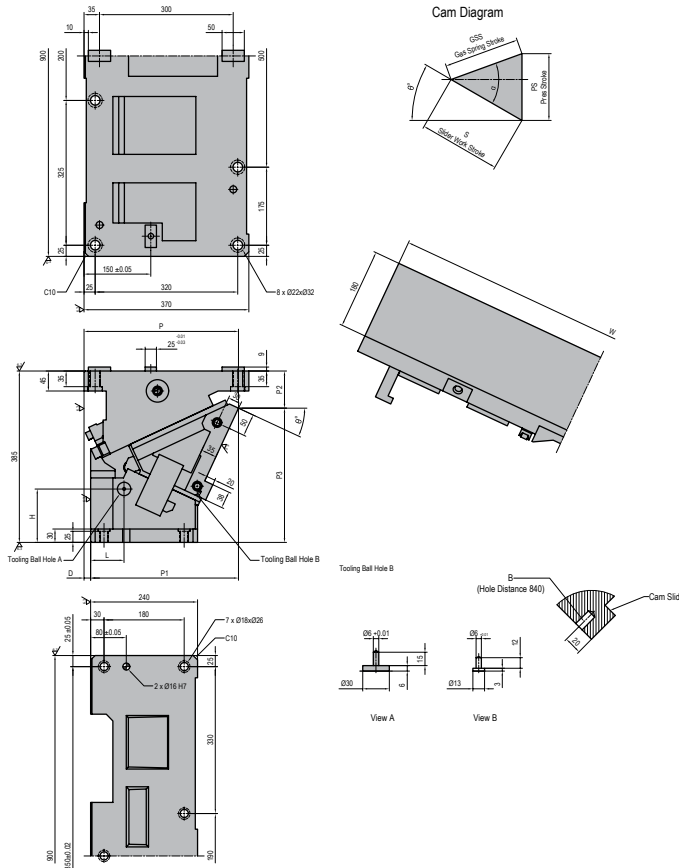
Springs	Q'TY	Model
GS	3	S750-080C

Working Face (W)	Stroke (ST)	θ	P	P1	P2	P3	D	H	L
700 800	38,6	0	323,00	228,00	57,00	328,00	95	55	75
	42,6	5	329,58	249,58	58,64	326,36	80	70	
	46,7	10	335,94	270,94	62,16	322,84	65	80	
	50,9	15	341,91	291,91	67,52	317,48	50	95	
	55,3	20	347,34	312,34	74,69	310,31	35	110	
	60,0	25	347,06	332,06	83,62	301,38	15	120	
	65,1	30	350,93	350,93	104,23	280,77	0	125	
	70,8	35	353,80	368,80	116,44	268,56	-15	135	90
	77,1	40	355,54	385,54	130,16	254,84	-30	150	
	84,5	45	361,02	401,02	145,29	239,71	-40	160	100
	93,3	50	355,12	415,12	161,72	223,28	-60		110
	104,6	55	367,74	427,74	179,31	205,69			
	120	60	378,77	438,77	197,93	187,07		185	

**Order Example:**

W= 900, $\theta= 10$, GS

Order Code:K802-04-900-10-GS



α	GSS	S	PS
50°	60,00	38,60	46,00
		42,60	46,10
		46,70	46,70
		50,90	47,60
		55,30	48,90
		60,00	50,70
		65,10	53,10
		70,80	56,10
		77,10	60,00
		84,50	65,00
55°		93,30	71,50
60°		104,60	85,70
		120,00	103,90

Springs	Q'TY	Model
GS	4	S750-080B

Working Face (W)	Stroke (ST)	θ	P	P1	P2	P3	D	H	L
900 1000	38,6	0°	323,00	228,00	57,00	328,00	95	55	75
	42,6	5°	329,58	249,58	58,64	326,36	80	70	
	46,7	10°	335,94	270,94	62,16	322,84	65	80	
	50,9	15°	341,91	291,91	67,52	317,48	50	95	
	55,3	20°	347,34	312,34	74,69	310,31	35	110	
	60	25°	347,06	332,06	83,62	301,38	15	120	
	65,1	30°	350,93	350,93	104,23	280,77	0	125	
	70,8	35°	353,80	368,80	116,44	268,56	-15	135	90
	77,1	40°	355,54	385,54	130,16	254,84	-30	150	
	84,5	45°	361,02	401,02	145,29	239,71	-40	160	100
	93,3	50°	355,12	415,12	161,72	223,28	-60		110
	104,6	55°	367,74	427,74	179,31	205,69			
	120	60°	378,77	438,77	197,93	187,07		185	130

Type	Catalog No:	Mounting Face		Working Angle	Stroke	Overall Width	Shut Height	Working Force (kN)	Gas Spring			Coil Spring			Weight (kg)
		Width	Height						Spring Force (N)		Return Force (N)	Spring Force (N)		Return Force (N)	
									Initial	Final		Initial	Final		
	K802-05-200-00	200	180	0	38,6	200	350	117,6	-	6689.4	817.2	4900.3	6776	95,0	
	K802-05-200-05			5	42,6								6744	94,8	
	K802-05-200-10			10	46,7								6710	94,6	
	K802-05-200-15			15	50,9								6674	93,3	
	K802-05-200-20			20	55,3								6636	92,7	
	K802-05-200-25			25	60,0								6597	94,1	
	K802-05-200-30			30	65,1								6557	92,7	
	K802-05-200-35			35	70,8								6516	94,8	
	K802-05-200-40			40	77,1								6475	94,2	
	K802-05-200-45			45	84,5								6434	96,3	
	K802-05-200-50			50	93,3								6393	93,7	
	K802-05-200-55			55	104,6								6950	98,2	
	K802-05-200-60	60	120,0	7684	97,3										
	K802-05-300-00	300	180	0	38,6	300	350	196		-	13378.8	1634.4	9800.6	13442	137,2
	K802-05-300-05			5	42,6									13390	135,9
	K802-05-300-10			10	46,7									13333	135,7
	K802-05-300-15			15	50,9									13274	133,0
	K802-05-300-20			20	55,3									13212	131,5
	K802-05-300-25			25	60,0									13147	131,0
	K802-05-300-30			30	65,1									13081	131,8
	K802-05-300-35			35	70,8									13014	131,8
	K802-05-300-40			40	77,1									12946	133,3
	K802-05-300-45			45	84,5									12878	134,8
	K802-05-300-50			50	93,3									12811	130,9
	K802-05-300-55			55	104,6									13934	133,0
	K802-05-300-60	60	120,0	15401	136,1										
	K802-05-400-00	400	180	0	38,6	400	350	245,0	-		13378.8	1634.4	9800.6	13599	191,1
	K802-05-400-05			5	42,6									13531	189,3
	K802-05-400-10			10	46,7									13457	188,0
	K802-05-400-15			15	50,9									13380	186,1
	K802-05-400-20			20	55,3									13299	185,3
	K802-05-400-25			25	60,0									13215	188,1
	K802-05-400-30			30	65,1									13129	185,8
	K802-05-400-35			35	70,8									13041	192,4
	K802-05-400-40			40	77,1									12952	191,9
	K802-05-400-45			45	84,5									12864	195,9
	K802-05-400-50			50	93,3									12775	191,8
	K802-05-400-55			55	104,6									13893	198,5
	K802-05-400-60	60	120,0	15355	201,1										
	K802-05-500-00	500	180	0	38,6	500	350	313,6		-	20068,2	2451,6	14701,0	20242	222,3
	K802-05-500-05			5	42,6									20155	220,4
	K802-05-500-10			10	46,7									20061	218,8
	K802-05-500-15			15	50,9									19963	216,3
	K802-05-500-20			20	55,3									19860	215,1
	K802-05-500-25			25	60,0									19754	217,1

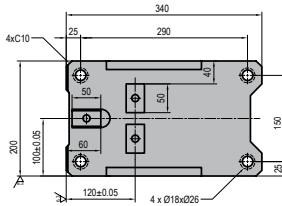
Type	Catalog No:	Mounting Face		Working Angle	Stroke	Overall Width	Shut Height	Working Force (kN)	Gas Spring			Coil Spring			Weight (kg)
		Width	Height						Spring Force (N)		Return Force (N)	Spring Force (N)		Return Force (N)	
									Initial	Final		Initial	Final		
	K802-05-500-30	500	180	30	65,1	500	350	313,6	20082	26743	2451,6	147010	19644	216,1	
	K802-05-500-35			26631	19533					222,1					
	K802-05-500-40			26519	19421					220,4					
	K802-05-500-45			26407	19309					223,0					
	K802-05-500-50			26295	19197					220,1					
	K802-05-500-55			28600	20877					227,2					
	K802-05-500-60			31616	23078					236,5					
	K802-05-600-00	600	180	0	38,6	600	350	392,0	26757,5	36415	3268,8	19601,3	26951	281,4	
	K802-05-600-05			36302	26838					277,9					
	K802-05-600-10			36182	26718					274,1					
	K802-05-600-15			36055	26591					272,3					
	K802-05-600-20			35923	26459					268,8					
	K802-05-600-25			35786	26322					268,3					
	K802-05-600-30			35645	26181					276,6					
	K802-05-600-35			35502	26038					276,0					
	K802-05-600-40			35358	25894					285,2					
	K802-05-600-45			35213	25749					284,4					
	K802-05-600-50			35069	25605					283,5					
	K802-05-600-55			38140	27844					292,0					
	K802-05-600-60			42169	30785					295,6					


Order Example:
W= 200, **θ=** 15, GS

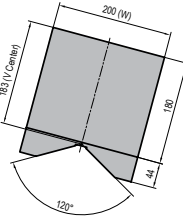
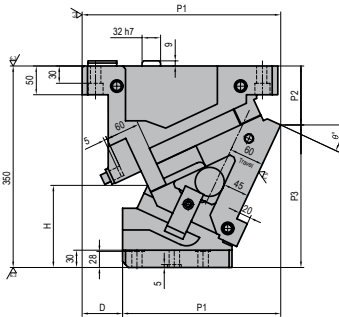
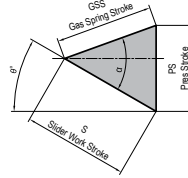
Order Code: K802-05-200-15-K-GS

Mounting Method

K: Key width 32 mm assemble



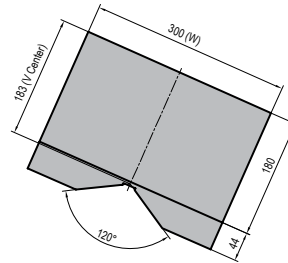
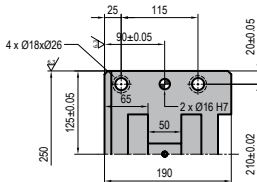
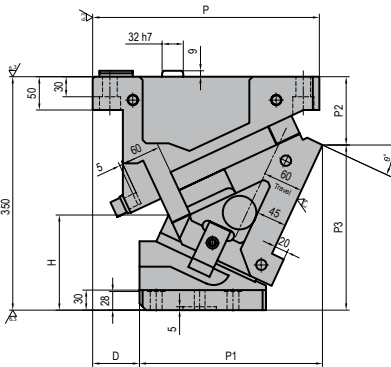
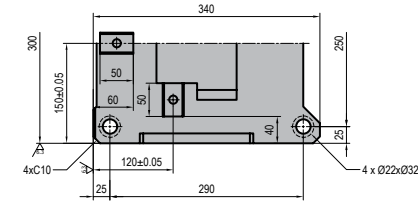
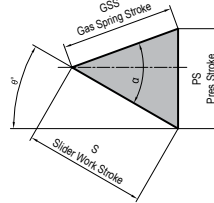
Cam Diagram



α	GSS	S	PS
50°	60,00	38,60	46,00
		42,60	46,10
		46,70	46,70
		50,90	47,50
		55,30	48,90
		60,00	50,70
		65,10	53,10
		70,80	56,10
		77,10	60,00
		84,50	65,00
55°		93,30	71,50
		104,60	85,70
60°		120,00	103,90

Springs	Q'TY	Model
GS	1	S750-063C
CS		SM50-225

Working Face (W)	Stroke (ST)	θ	P	P1	P2	P3	D	H
200	38,6	0	313,00	175,00	58,00	292,00	138	102,00
	42,6	5	320,64	195,64	64,34	285,66	125	110,80
	46,7	10	331,08	216,08	72,47	277,53	115	119,10
	50,9	15	336,17	236,17	82,37	267,63	100	126,80
	55,3	20	340,76	255,76	94,00	256,00	85	133,90
	60,0	25	344,69	274,69	102,32	274,68	70	145,20
	65,1	30	347,83	292,83	112,25	237,75	55	155,70
	70,8	35	355,03	310,03	123,73	226,27	45	165,30
	77,1	40	351,17	326,17	136,66	213,34	25	173,90
	84,5	45	356,12	341,12	150,95	199,05	15	181,40
	93,3	50	348,77	354,77	161,49	188,51	-6	192,80
	104,6	55	352,01	367,01	178,16	171,84	-15	198,00
	120	60	332,75	377,75	195,83	154,17	-45	202,10


Order Example:
W= 300, $\theta= 15$, GS
Order Code: K802-05-300-15-K-GS
Mounting Method
K: Key width 32 mm assemble
Cam Diagram


α	GSS	S	PS
50°	60,00	38,60	46,00
		42,60	46,10
		46,70	46,70
		50,90	47,60
		55,30	48,90
		60,00	50,70
		65,10	53,10
		70,80	56,10
		77,10	60,00
		84,50	65,00
		93,30	71,50
55°		104,60	85,70
60°		120,00	103,90

Springs	Q'TY	Model
GS	2	S750-063C
CS		SM50-225

Working Face (W)	Stroke (ST)	θ	P	P1	P2	P3	D	H
300	38,6	0	313,00	175,00	58,00	292,00	138	102,00
	42,6	5	320,64	195,64	64,34	285,66	125	110,80
	46,7	10	331,08	216,08	72,47	277,53	115	119,10
	50,9	15	336,17	236,17	82,37	267,63	100	126,80
	55,3	20	340,76	255,76	94,00	256,00	85	133,89
	60,0	25	344,69	274,69	102,32	274,68	70	145,20
	65,1	30	347,83	292,83	112,25	237,75	55	155,70
	70,8	35	355,03	310,03	123,73	226,27	45	165,30
	77,1	40	351,17	326,17	136,66	213,34	25	173,90
	84,5	45	356,12	341,12	150,95	199,05	15	181,40
	93,3	50	348,77	354,77	161,49	188,51	-6	192,80
	104,6	55	352,01	367,01	178,16	171,84	-15	198,00
	120	60	332,75	377,75	195,83	154,17	-45	202,10

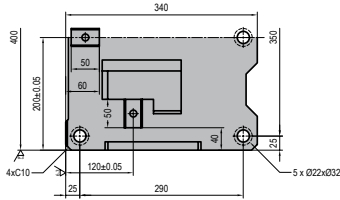
**Order Example:**

W= 400, θ = 15, GS

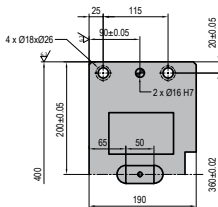
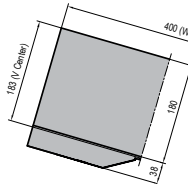
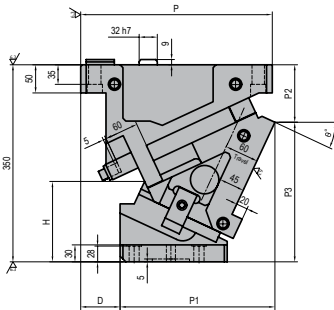
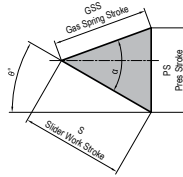
Order Code: K802-05-400-15-K-GS

Mounting Method

K: Key width 32 mm assemble



Cam Diagram



α	GSS	S	PS
50°	60,00	38,60	46,00
		42,60	46,10
		46,70	46,70
		50,90	47,60
		55,30	48,90
		60,00	50,70
		65,10	53,10
		70,80	56,10
		77,10	60,00
		84,50	65,00
		93,30	71,50
55°		104,60	85,70
60°		120,00	103,90

Springs	Q'TY	Model
GS	2	S750-063C
CS		SM50-225

Working Face (W)	Stroke (ST)	θ	P	P1	P2	P3	D	H
400	38,6	0	313,00	175,00	58,00	292,00	138	102,00
	42,6	5	320,64	195,64	64,34	285,66	125	110,80
	46,7	10	331,08	216,08	72,47	277,53	115	119,10
	50,9	15	336,17	236,17	82,37	267,63	100	126,80
	55,3	20	340,76	255,76	94,00	256,00	85	133,90
	60,0	25	344,69	274,69	102,32	274,68	70	145,22
	65,1	30	347,83	292,83	112,25	237,75	55	155,70
	70,8	35	355,03	310,03	123,73	226,27	45	165,27
	77,1	40	351,17	326,17	136,66	213,34	25	173,90
	84,5	45	356,12	341,12	150,95	199,05	15	181,37
	93,3	50	348,77	354,77	161,49	188,51	-6	192,80
	104,6	55	352,01	367,01	178,16	171,84	-15	198,02
120	60	332,75	377,75	195,83	154,17	-45	202,10	

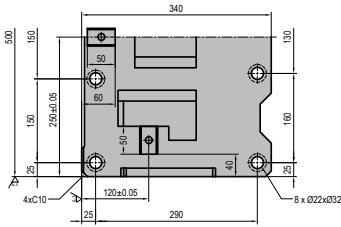
**Order Example:**

W= 500, θ = 15, GS

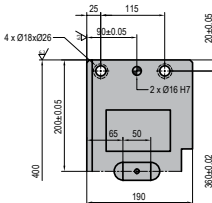
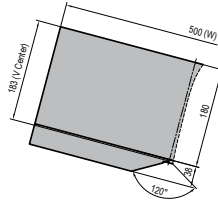
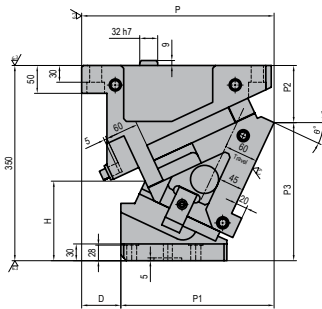
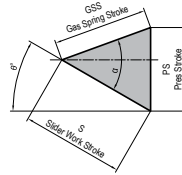
Order Code: K802-05-500-15-K-GS

Mounting Method

K: Key width 32 mm assemble



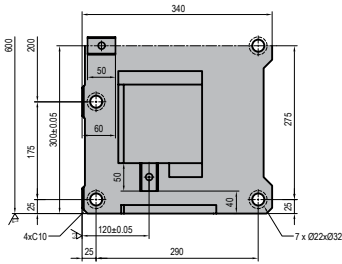
Cam Diagram



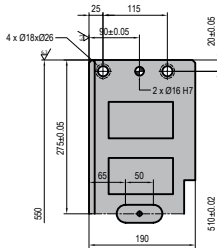
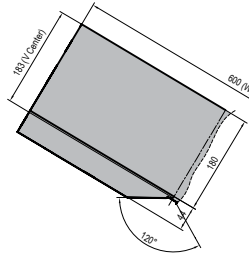
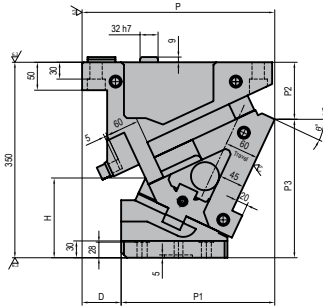
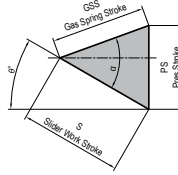
α	GSS	S	PS
50°	60,00	38,60	46,00
		42,60	46,10
		46,70	46,70
		50,90	47,60
		55,30	48,90
		60,00	50,70
		65,10	53,10
		70,80	56,10
		77,10	60,00
		84,50	65,00
		93,30	71,50
55°		104,60	85,70
60°		120,00	103,90

Springs	Q'TY	Model
GS	3	S750-063C
CS		SM50-225

Working Face (W)	Stroke (ST)	θ	P	P1	P2	P3	D	H
500	38,6	0	313,00	175,00	58,00	292,00	138	102,00
	42,6	5	320,64	195,64	64,34	285,66	125	110,80
	46,7	10	331,08	216,08	72,47	277,53	115	119,10
	50,9	15	336,17	236,17	82,37	267,63	100	126,80
	55,3	20	340,76	255,76	94,00	256,00	85	133,90
	60,0	25	344,69	274,69	102,32	274,68	70	145,22
	65,1	30	347,83	292,83	112,25	237,75	55	155,70
	70,8	35	355,03	310,03	123,73	226,27	45	165,27
	77,1	40	351,17	326,17	136,66	213,34	25	173,90
	84,5	45	356,12	341,12	150,95	199,05	15	181,37
	93,3	50	348,77	354,77	161,49	188,51	-6	192,80
	104,6	55	352,01	367,01	178,16	171,84	-15	198,02
	120	60	332,75	377,75	195,83	154,17	-45	202,10



Cam Diagram



Order Example:

W= 600, **θ=** 15, GS

Order Code: K802-05-600-15-K-GS

Mounting Method

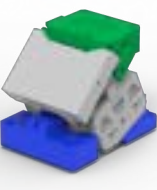
K: Key width 32 mm assemble

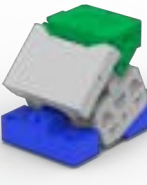


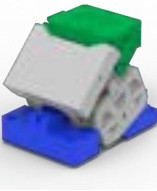
α	GSS	S	PS
50°	60,00	38,60	46,00
		42,60	46,10
		46,70	46,70
		50,90	47,50
		55,30	48,90
		60,00	50,70
		65,10	53,10
		70,80	56,10
		77,10	60,00
		84,50	65,00
55°		104,60	85,70
60°		120,00	103,90

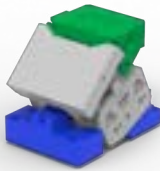
Springs	QTY	Model
GS	4	S750-063C
CS		SM50-225

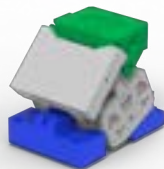
Working Face (W)	Stroke (ST)	θ	P	P1	P2	P3	D	H
600	38,6	0	313,00	175,00	58,00	292,00	138	102,00
	42,6	5	320,64	195,64	64,34	285,66	125	110,80
	46,7	10	331,08	216,08	72,47	277,53	115	119,10
	50,9	15	336,17	236,17	82,37	267,63	100	126,80
	55,3	20	340,76	255,76	94,00	256,00	85	133,90
	60,0	25	344,69	274,69	102,32	274,68	70	145,22
	65,1	30	347,83	292,83	112,25	237,75	55	155,70
	70,8	35	355,03	310,03	123,73	226,27	45	165,27
	77,1	40	351,17	326,17	136,66	213,34	25	173,90
	84,5	45	356,12	341,12	150,95	199,05	15	181,37
	93,3	50	348,77	354,77	161,49	188,51	-6	192,80
	104,6	55	352,01	367,01	178,16	171,84	-15	198,02
	120	60	332,75	377,75	195,83	154,17	-45	202,10

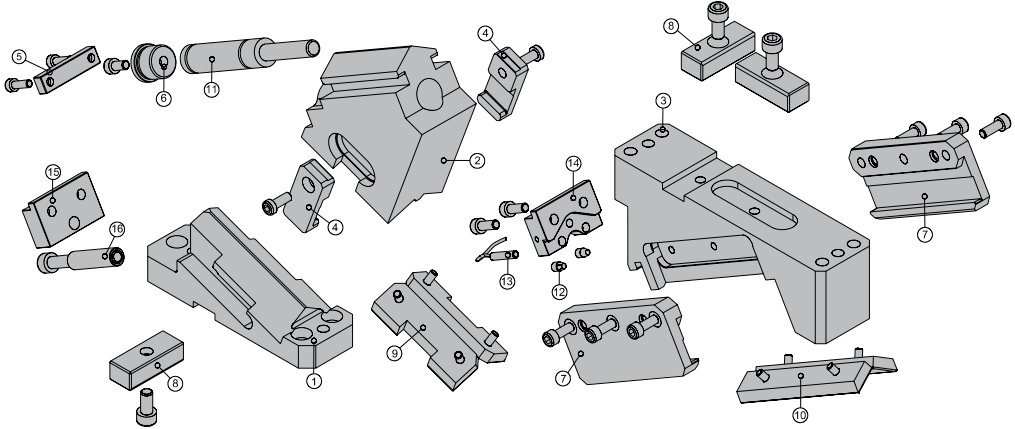
Type	Catalog No:	Mounting Face	Working Angle	Stroke	Overall Width	Shut Height	Spring Force (N)		Return Force (N)	Max Working Force (kN)	Extraction Force (kN)	Weight (kg)					
		Width					Initial	Final									
	K802-06-050.00	50	0	28,9	75	175	104,000		4500	92	4,5	10					
	K802-06-050.05		5	31,9													
	K802-06-050.10		10	35,0													
	K802-06-050.15		15	38,2													
	K802-06-050.20		20	41,5													
	K802-06-050.25		25	45,0													
	K802-06-050.30		30	48,8													
	K802-06-050.35		35	53,1													
	K802-06-050.40		40	57,8													
	K802-06-050.45		45	63,4													
	K802-06-050.50		50	62,2		180											
	K802-06-050.55		55	59,3	80	185											
	K802-06-050.60		60	60,0	90	190											
	K802-06-050.65		65	59,2	95	195											
	K802-06-050.70		70	58,5	105												
	K802-06-050.75		75	58,0													
	K802-06-060.00	60	0	19,3	110	210	140,000		5100	136	5,1	13					
	K802-06-060.05		5	21,3						137							
	K802-06-060.10		10	21,5					5400	138	5,4						
	K802-06-060.15		15	23,8						139							
	K802-06-060.20		20	24,5	5700				140	5,7							
	K802-06-060.25		25	27,1					141								
	K802-06-060.30		30	30,0					142								
	K802-06-060.35		35	31,7					5900		143		5,9				
	K802-06-060.40		40	35,5													
	K802-06-060.45		45	38,5	6000					6,0							
	K802-06-060.50		50	43,9													
	K802-06-060.55		55	49,2	6100				142	6,1							
	K802-06-060.60		60	58,0													
	K802-06-060.65		65	68,6	6200				141	6,2							
	K802-06-060.70		70	70,6													
	K802-06-060.75		75	76,1													
	K802-06-085.00		85	0							30,9		130	225	230,000		10000
	K802-06-085.05			5	34,1				10,5								
	K802-06-085.10			10	34,5						10500						
	K802-06-085.15			15	38,1				135	11000	229		11,0				
	K802-06-085.20	20		41,8													
	K802-06-085.25	25		43,4	11400	237	11,4										
	K802-06-085.30	30		48,0													
	K802-06-085.35	35		50,8	11500	245	11,5										
K802-06-085.40	40	56,8															
K802-06-085.45	45	42,3		11800	261	11,8											
K802-06-085.50	50	48,2															
K802-06-085.55	55	54,1		140		11800	269	11,8									
K802-06-085.60	60	63,8															
K802-06-085.65	65	75,4															

Type	Catalog No:	Mounting Face	Working Angle	Stroke	Overall Width	Shut Height	Spring Force (N)		Return Force (N)	Max Working Force (kN)	Extraction Force (kN)	Weight (kg)	
		Width					Initial	Final					
	K802-06-085.70	85	70	95,0	140	225		230,000	11900	285	11,9	28	
	K802-06-085.75		75	95,1					12000	293	12,0		
	K802-06-110.00	110	0	30,9	160	275	360,000		11300	357	11,4	50	
	K802-06-110.05		5	34,1						366			
	K802-06-110.10		10	34,5	170				12100	369	12,2		
	K802-06-110.15		15	38,1						372			
	K802-06-110.20		20	41,8					12800	378	12,8		
	K802-06-110.25		25	43,4						381			
	K802-06-110.30		30	48,0					13400	384	13,4		
	K802-06-110.35		35	50,8						387			
	K802-06-110.40		40	56,8					13600	390	13,6		
	K802-06-110.45		45	61,5						393			
	K802-06-110.50		50	48,2					14000	396	14,0		
	K802-06-110.55		55	54,1						399			
	K802-06-110.60		60	63,8					14300	402	14,3		
	K802-06-110.65		65	75,4						405			
	K802-06-110.70		70	95,0					14400	407	14,4		
	K802-06-110.75		75	95,1						421			
	K802-06-150.00	150	0	32,1	160	300	480,000		16400	421	16,4	68	
	K802-06-150.05		5	35,5						435			
	K802-06-150.10		10	35,9	180				17500	448	17,5		
	K802-06-150.15		15	39,7						462			
	K802-06-150.20		20	43,6	190				18400	476	18,4		
	K802-06-150.25		25	45,2						489			
	K802-06-150.30		30	50,0					503				
	K802-06-150.35		35	52,9					19100	517	19,2		
	K802-06-150.40		40	59,2						528			
	K802-06-150.45		45	64,1					19800	540	19,8		
	K802-06-150.50		50	73,1						551			
	K802-06-150.55		55	81,9					20300	558	20,3		
	K802-06-150.60		60	96,6						565			
	K802-06-150.65		65	91,4					20500	571	20,5		
	K802-06-150.70		70	84,7						578			
	K802-06-150.75		75	76,1					20700	584	20,6		
	K802-06-180.00	180	0	32,1		160	200	500,000				16100	474
	K802-06-180.05		5	35,5					488				
	K802-06-180.10		10	35,9	180	17300			503		17,3		
	K802-06-180.15		15	39,7					518				
	K802-06-180.20		20	43,6	200	18200			533		18,2		
	K802-06-180.25		25	45,2					542				
	K802-06-180.30		30	50,0		18900			543		18,9		
	K802-06-180.35		35	52,9					550				
	K802-06-180.40		40	59,2		19500			557		19,5		
	K802-06-180.45		45	64,1					564				
	K802-06-180.50		50	73,1		20000			571		20,0		
	K802-06-180.55		55	81,9					571				

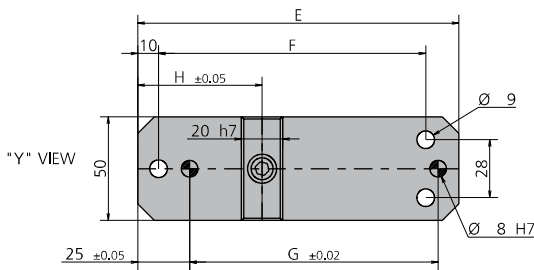
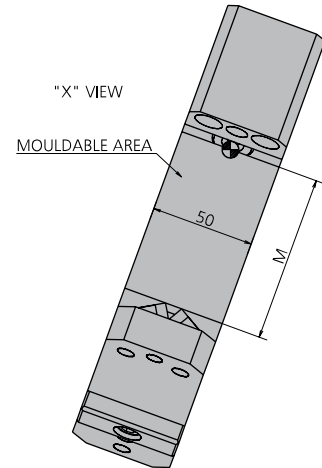
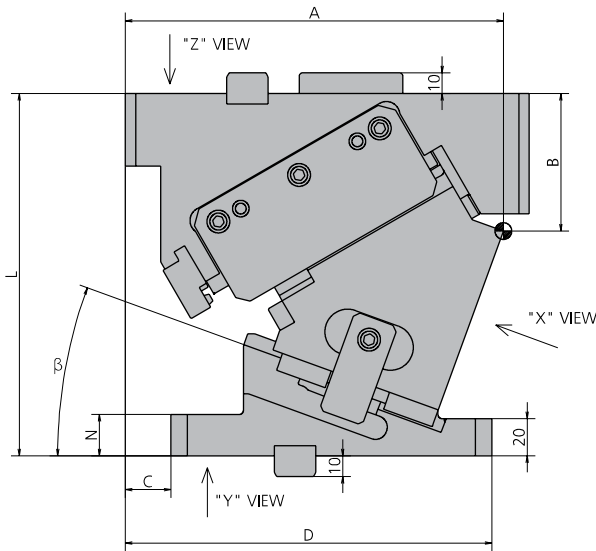
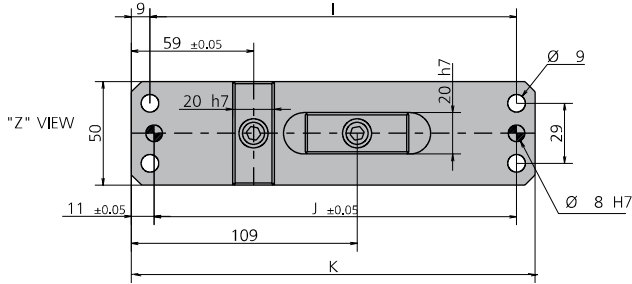
Type	Catalog No:	Mounting Face	Working Angle	Stroke	Overall Width	Shut Height	Spring Force (N)		Return Force (n)	Max Working Force (kN)	Extraction Force (kN)	Weight (kg)
		Width					Initial	Final				
	K802-06-180.60	180	60	96,6	200	300	500,000		20000	578	20,0	80
	K802-06-180.65		65	91,4					20200	584	20,2	
	K802-06-180.70		70	84,7					20400	591	20,4	
	K802-06-180.75		75	76,1					20300	598	20,3	
	K802-06-220.00	220	0	32,1	160		700,000		18800	635	18,8	96
	K802-06-220.05		5	35,5	19300				648	19,3		
	K802-06-220.10		10	35,9	20100				661	20,1		
	K802-06-220.15		15	39,7	20900				674	20,9		
	K802-06-220.20		20	43,6	21800				687	21,8		
	K802-06-220.25		25	45,2	22700				700	22,7		
	K802-06-220.30		30	50,0	24100				714	24,1		
	K802-06-220.35		35	52,9	24800				727	24,8		
	K802-06-220.40		40	59,2	26800					26,8		
	K802-06-220.45		45	64,1	27500				728	27,5		
	K802-06-220.50		50	73,1	30400				729	30,4		
	K802-06-220.55		55	81,9	31100					31,1		
	K802-06-220.60		60	96,6	35300				730	35,3		
	K802-06-220.65		65	91,4	37100					37,1		
	K802-06-220.70		70	100,8	43900				731	43,9		
	K802-06-220.75		75	95,1	44400				732	44,5		
	K802-06-260.00	260	0	32,1	160		720,000		30400	536	30,5	112
	K802-06-260.05		5	35,5	30700				564	30,8		
	K802-06-260.10		10	35,9	31300				593	31,3		
	K802-06-260.15		15	39,7	31700				621	31,7		
	K802-06-260.20		20	43,6	32300				650	32,4		
	K802-06-260.25		25	45,2	32700				673	32,7		
	K802-06-260.30		30	50,0	33700				690	33,7		
	K802-06-260.35		35	52,9	33900				708	33,9		
	K802-06-260.40		40	59,2	737				744	35,2		
	K802-06-260.45		45	64,1								
	K802-06-260.50		50	73,1	37000				747	37,0		
	K802-06-260.55		55	81,9	36900				751	36,9		
	K802-06-260.60		60	96,6	39500				755	39,5		
	K802-06-260.65		65	91,4	40700				759	40,7		
	K802-06-260.70		70	100,8	45700				763	45,7		
	K802-06-260.75		75	95,1	45300				767	45,3		
	K802-06-330.00	330	0	37,3	180		101,000		63900	1006	63,9	227
	K802-06-330.05		5	41,2	200				64600	1005	64,6	
	K802-06-330.10		10	41,6					66600		66,6	
	K802-06-330.15		15	46,0					67800		67,8	
	K802-06-330.20		20	50,6	210				69500	1007	69,5	
	K802-06-330.25		25	52,4					71200	1009	71,2	
	K802-06-330.30		30	58,0					73700	1010	73,7	
	K802-06-330.35		35	61,3					75100	1012	75,1	
	K802-06-330.40		40	68,6					78500	1013	78,5	
	K802-06-330.45		45	74,3	220				79600	1014	79,6	

Type	Catalog No:	Mounting Face	Working Angle	Stroke	Overall Width	Shut Height	Spring Force (N)		Return Force (n)	Max Working Force (kN)	Extraction Force (kN)	Weight (kg)			
		Width					Initial	Final							
	K802-06-330.50	330	50	84,8	220	375	101,000		84400	1015	84,4	227			
	K802-06-330.55		55	95,0					85100	1016	85,1				
	K802-06-330.60		60	112,1					91800	1017	91,8				
	K802-06-330.65		65	102,9					94800	1018	94,8				
	K802-06-330.70		70	127,1					94900	1019	94,9				
	K802-06-330.75		75	114,2					95900	1020	95,9				
	K802-06-400.00	400	0	37,3	180		105,000		63900	1055	63,9	273			
	K802-06-400.05		5	41,2					64600		64,6				
	K802-06-400.10		10	41,6					66600	1054	66,6				
	K802-06-400.15		15	46,0	190				67800		67,8				
	K802-06-400.20		20	50,6					69500		69,5				
	K802-06-400.25		25	52,4	200				71200		71,2				
	K802-06-400.30		30	58,0					73700		73,7				
	K802-06-400.35		35	61,3	210				75100		75,1				
	K802-06-400.40		40	68,6					78500		78,5				
	K802-06-400.45		45	74,3					79600		79,6				
	K802-06-400.50		50	84,8	230				84400	1053	84,4				
	K802-06-400.55		55	95,0					85100		85,1				
	K802-06-400.60		60	112,1					91800		91,8				
	K802-06-400.65		65	102,9					94800		94,8				
	K802-06-400.70		70	127,9					94900		94,9				
	K802-06-400.75		75	114,2					95900	1052	95,9				
	K802-06-500.00	500	0	37,3	180		115,500		87000	1155	87,0	355			
	K802-06-500.05		5	41,2											
	K802-06-500.10		10	41,6											
	K802-06-500.15		15	46,0	210				85700		85,7				
	K802-06-500.20		20	50,6											
	K802-06-500.25		25	52,4					83800		83,8				
	K802-06-500.30		30	58,0	230				81200		81,2				
	K802-06-500.35		35	61,3											
	K802-06-500.40		40	68,6					78000		78,0				
	K802-06-500.45		45	74,3											
	K802-06-500.50		50	84,8					74100		74,1				
	K802-06-500.55		55	95,0											
	K802-06-500.60		60	112,1					69300	1202	69,3				
	K802-06-500.65		65	102,9					64500		64,5				
	K802-06-500.70		70	127,9					66800		66,8				
	K802-06-500.75		75	114,2											
	K802-06-600.00	600	0	37,3	200		120,000		98000	1202	98,1	436			
	K802-06-600.05		5	41,2											
	K802-06-600.10		10	41,6											
	K802-06-600.15		15	46,0	220				98500		98,5				
	K802-06-600.20		20	50,6											
	K802-06-600.25		25	52,4											
	K802-06-600.30		30	58,0	230				98100		98,2				
	K802-06-600.35		35	61,3					97100		97,1				

Type	Catalog No:	Mounting Face	Working Angle	Stroke	Overall Width	Shut Height	Spring Force (N)		Return Force (N)	Max Working Force (kN)	Extraction Force (kN)	Weight (kg)					
		Width					Initial	Final									
	K802-06-600.40	600	40	68,6	250	400	-	120,000	97100	1202	97,1	436					
	K802-06-600.45		45	74,3					95200		95,2						
	K802-06-600.50		50	84,8	260				92600		92,6						
	K802-06-600.55		55	95,0													
	K802-06-600.60		60	112,1													
	K802-06-600.65		65	102,9													
	K802-06-600.70		70	127,1													
	K802-06-600.75		75	114,2					84200		84,2						



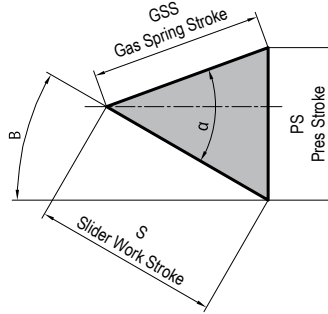
POS.	DESCRIPTION	Q.TY
001	ALT GÖVDE / WEDGE / DRUCKKEIL	1
002	SÜRÜCÜ / SLIDER / LAGERKEIL	1
003	ÜST GÖVDE / CAM BODY / GRUNDGEHÄUSE	1
004	GERİ DÖNÜŞ PLAKASI / BRACKET ATTACHMENTS / BRACKETBEFESTIGUNG	2
005	YAY TUTUCU PLAKA / PLATE / PLATTE	1
006	YAY TUTUCU KAPAK / SPACER / ABSTANDSHALTER	1
007	BRAKET / BRACKET / BRACKET	2
008	KAMA / KEY / SCHLÜSSEL	3
009	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
010	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
011	GAZLI YAY / NITROGEN CYLINDER / STICKSTOFFZYLINDER	1
012	STOPLAMA VULKOLONU / BUMP STOP / STOSSDÄMPFERSPITZE	2
013	GÜVENLİK SENSÖRÜ / SECURITY SENSOR / SENSOR FÜR SICHERHEIT	1*OPTION
014	PLAKA / PLATE / PLATTE	1
015	PLAKA / PLATE / PLATTE	1
016	SWITCH / LIMIT SWITCHES / ENDSCHALTER	1



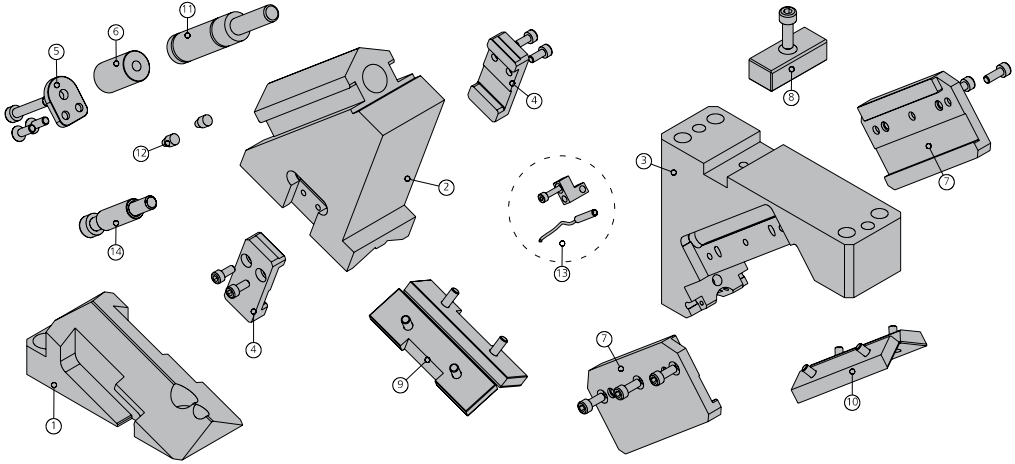
Catalog No:	β	A	B	C	D	E	F	G	H	I	J	K	L	M	N
K802-06-050.00	0°	170	57	38	193	155	129	120	60	162	160	180	175	75	20
K802-06-050.05	5°	173.89	60.44	35	190	155	129	120	60	167	165	185	175	75	20
K802-06-050.10	10°	177.66	64.77	32	187	155	129	120	60	172	170	190	175	75	20
K802-06-050.15	15°	180.31	67.99	28	183	155	129	120	60	177	175	195	175	75	20
K802-06-050.20	20°	180.87	71.09	22	177	155	129	120	60	177	175	195	175	75	20
K802-06-050.25	25°	180.34	74.06	16	171	155	129	120	60	177	175	195	175	75	20
K802-06-050.30	30°	180.72	76.89	10	165	155	129	120	60	179	177	197	175	75	20
K802-06-050.35	35°	179.04	79.58	3	158	155	129	120	60	179	177	197	175	75	20
K802-06-050.40	40°	176.31	83.12	-9	146	155	129	120	60	179	177	197	175	75	20
K802-06-050.45	45°	172.54	85.51	-18	137	155	129	120	60	177	175	195	175	75	20
K802-06-050.50	50°	161.73	93.74	-33	122	155	129	120	60	172	170	190	180	75	20
K802-06-050.55	55°	168.28	97.72	-39	116	155	129	120	45	172	170	190	185	80	80
K802-06-050.60	60°	173.67	104.06	-49	106	155	129	120	45	172	170	190	190	90	80
K802-06-050.65	65°	169.28	113.98	-53	92	145	119	110	45	172	170	190	195	95	80
K802-06-050.70	70°	166.95	124.76	-63	72	135	109	100	45	172	170	190	195	105	90
K802-06-050.75	75°	165.42	134.11	-68	67	135	109	100	45	172	170	190	195	105	90

α	GSS	S	PS
50°	45,00	28,90	34,47
		31,90	34,60
		35,00	35,00
		38,20	35,69
		41,50	36,68
		45,00	38,04
		48,80	39,80
		53,10	42,08
		57,80	45,00
		63,40	48,75
	40,00	62,20	47,67
55°	34,00	59,30	48,56
60°	30,00	60,00	51,96
65°	25,00	59,20	53,61
70°	20,00	58,50	54,95
75°	15,00	58,00	55,98

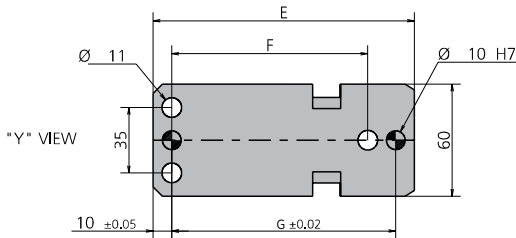
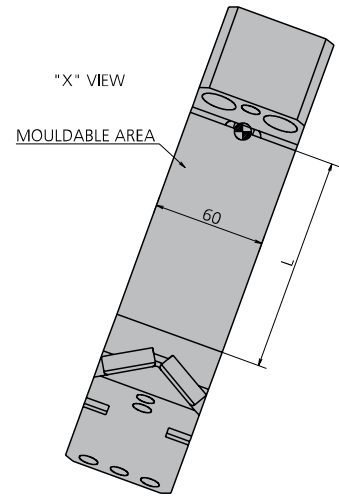
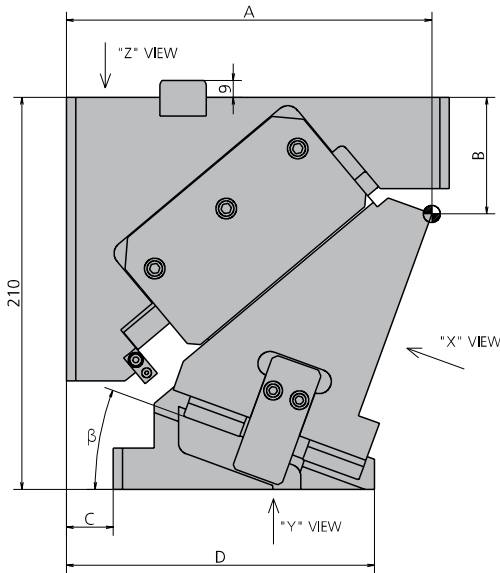
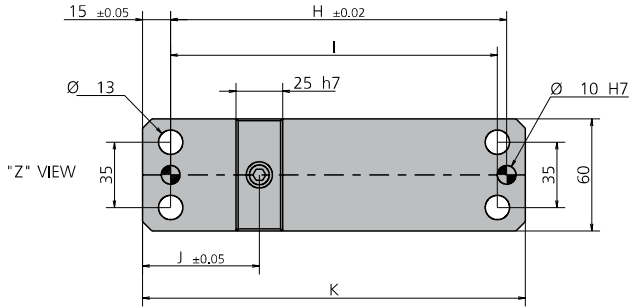
Springs	θ	Q'TY	Model
GS	0-50	1	RV170-050-C
	55-75		RV170-038-C

Cam Diagram

SENSOR Poz No:13

Order Example:
W= 50, θ = 25, GS
Order Code: K802-06-050-25-GS
Option Code= 9003.0002

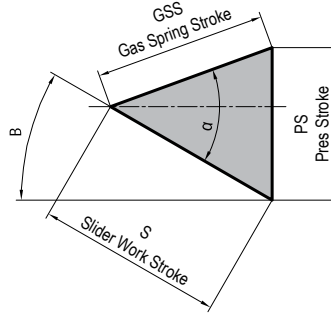


POS.	DESCRIPTION	Q.TY
001	ALT GÖVDE / WEDGE / DRUCKKEIL	1
002	SÜRÜCÜ / SLIDER / LAGERKEIL	1
003	ÜST GÖVDE / CAM BODY / GRUNDGEHÄUSE	1
004	GERİ DÖNÜŞ PLAKASI / BRACKET ATTACHMENTS / BRACKETBEFESTIGUNG	2
005	YAY TUTUCU PLAKA / PLATE / PLATTE	1
006	TUTUCU KAPAK / SPACER / ABSTANDSHALTER	1
007	BRAKET / BRACKET / BRACKET	2
008	KAMA / KEY / SCHLÜSSEL	1
009	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
010	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
011	GAZLI YAY / NITROGEN CYLINDER / STICKSTOFFZYLINDER	1
012	STOPLAMA VULKONU / BUMP STOP / STOSSDÄMPFERSPITZE	2
013	GÜVENLİK SENSÖRÜ / SECURITY SENSOR KIT / KIT SENSOR FÜR SICHERHEIT	1*OPTION
014	SWITCH / LIMIT SWITCHES / ENDSCHALTER	1



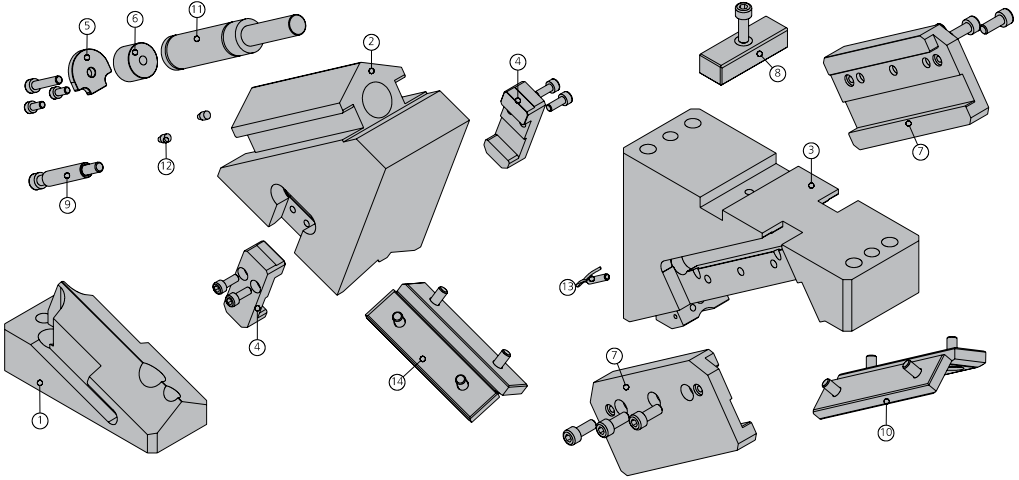
Catalog No:	β	A	B	C	D	E	F	G	H	I	J	K	L
K802-06-060.00	0°	175	55	25	180	155	105	120	180	175	62.5	205	110
K802-06-060.05	5°	179.26	57.37	25	175	150	105	120	180	175	62.5	205	110
K802-06-060.10	10°	183.30	60.10	25	170	145	105	120	180	175	62.5	205	110
K802-06-060.15	15°	189.68	63.51	25	165	140	105	120	180	175	62.5	205	110
K802-06-060.20	20°	190.59	76.57	25	165	140	105	120	180	175	62.5	205	115
K802-06-060.25	25°	193.79	80.25	25	150	125	80	95	180	175	62.5	205	115
K802-06-060.30	30°	196.65	84.20	25	150	125	80	95	180	175	62.5	205	115
K802-06-060.35	35°	199.16	88.38	25	140	115	80	95	180	175	62.5	205	115
K802-06-060.40	40°	198.08	96.60	10	120	110	65	80	195	190	62.5	220	115
K802-06-060.45	45°	225.96	104.39	40	145	105	65	80	210	205	92.5	235	115
K802-06-060.50	50°	211.71	113.44	10	115	105	50	65	195	190	77.5	220	115
K802-06-060.55	55°	212.11	117.54	10	115	105	50	70	195	190	77.5	220	115
K802-06-060.60	60°	203.48	126.65	10	102	92	50	65	195	190	77.5	220	115
K802-06-060.65	65°	202.75	129.98	10	95	85	50	65	195	190	77.5	220	115
K802-06-060.70	70°	205.54	146.39	10	95	85	20	35	195	190	62.5	220	115
K802-06-060.75	75°	204.77	151.21	10	90	80	20	35	210	205	62.5	235	115

α	GSS	S	PS
50°	30,00	19,28	22,98
		21,29	23,07
55°		21,54	24,95
		23,79	25,44
60°		24,46	27,65
		27,12	28,67
		30,00	30,00
65°		31,72	33,19
		35,49	35,49
70°		38,45	39,87
		43,86	43,86
75°		49,15	50,52
		57,96	57,96
80°		68,57	69,91
85°	25,00	70,60	72,82
	20,00	76,10	76,98

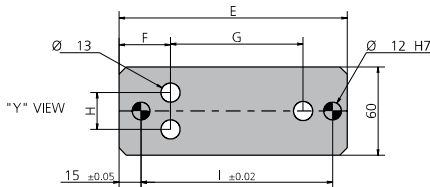
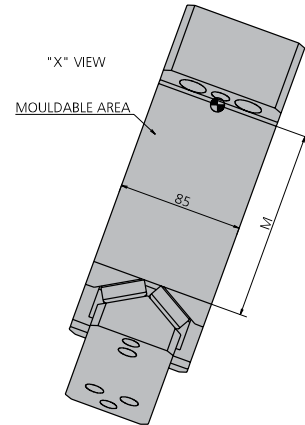
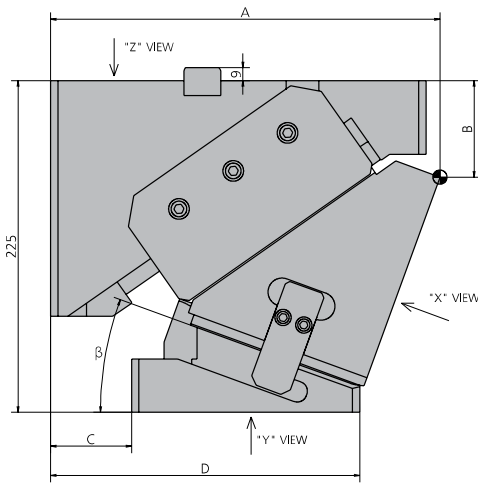
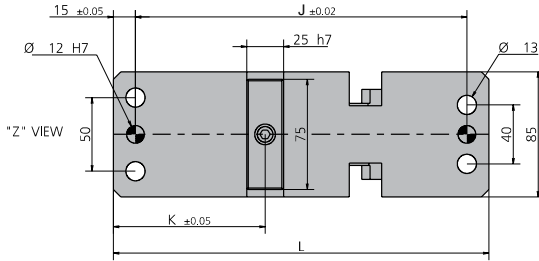
Cam Diagram

SENSOR Poz No:13


Springs	θ	Q'TY	Model
GS	0-30	1	RV170-050-C
	35-75		RV170-038-C

Order Example:
W= 60, θ = 25, GS
Order Code: K802-06-060-25-GS
Option Code= 9003.0002



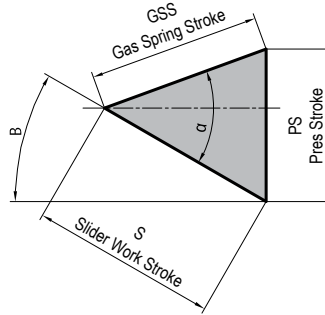
POS.	DESCRIPTION	Q.TY
001	ALT GÖVDE / WEDGE / DRUCKKEIL	1
002	SÜRÜCÜ / SLIDER / LAGERKEIL	1
003	ÜST GÖVDE / CAM BODY / GRUNDGEHÄUSE	1
004	GERİ DÖNÜŞ PLAKASI / BRACKET ATTACHMENTS / BRACKETBEFESTIGUNG	2
005	YAY TUTUCU PLAKA / PLATE / PLATTE	1
006	YAY TUTUCU KAPAK / SPACER / ABSTANDSHALTER	1
007	BRAKET / BRACKET / BRACKET	2
008	KAMA / KEY / SCHLÜSSEL	1
009	SWITCH / LIMIT SWITCHES / ENDSCHALTER	1
010	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
011	GAZLI YAY / NITROGEN CYLINDER / STICKSTOFFZYLINDER	1
012	STOPLAMA VULKOLONU / BUMP STOP / STOSSDÄMPFERSPITZE	2
013	GÜVENLİK SENSÖRÜ / SECURITY SENSOR / SENSOR FÜR SICHERHEIT	1*OPTION
014	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2



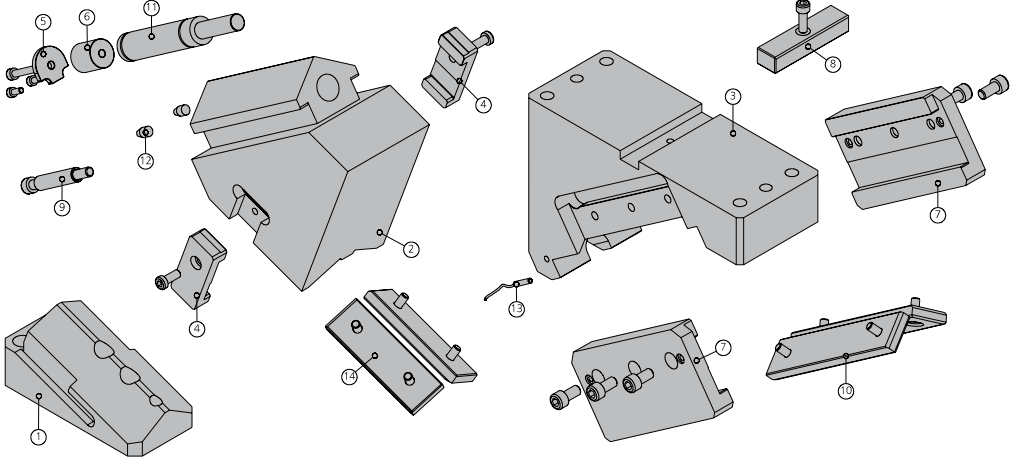
Catalog No:	β	A	B	C	D	E	F	G	H	I	J	K	L	M
K802-06-085.00	0°	238	60	55	230	175	35	90	25	130	225	82	255	130
K802-06-085.05	5°	243.28	64.18	55	225	170	35	90	25	130	225	88	255	130
K802-06-085.10	10°	247.73	73.75	55	215	160	35	90	25	130	225	88	255	135
K802-06-085.15	15°	252.64	78.77	55	210	155	35	90	25	130	225	97	255	135
K802-06-085.20	20°	259.24	79.51	55	210	155	35	90	25	130	225	103	255	135
K802-06-085.25	25°	262.37	90.08	40	195	155	35	90	25	130	255	103	285	135
K802-06-085.30	30°	272.11	87.71	40	195	155	35	90	25	130	255	112	285	135
K802-06-085.35	35°	277.45	94.87	40	195	155	35	90	25	130	255	112	285	135
K802-06-085.40	40°	282.59	102.49	40	195	155	35	90	25	130	255	122.5	285	135
K802-06-085.45	45°	245.4	117.6	0	150	150	35	70	25	110	235	92	265	135
K802-06-085.50	50°	247.12	127.38	0	135	135	35	70	25	110	235	96.5	265	135
K802-06-085.55	55°	263	126.74	0	135	135	35	70	25	110	235	96.5	265	140
K802-06-085.60	60°	267.02	136.11	0	135	135	35	70	25	110	235	104	265	140
K802-06-085.65	65°	257.06	147.15	0	126	126	35	60	25	100	235	104	265	140
K802-06-085.70	70°	248.86	160.81	5	114	109	15	40	35	60	245	82.5	275	140
K802-06-085.75	75°	251.61	181.07	5	114	109	15	40	35	60	245	82.5	275	140

α	GSS	S	PS
50°	48,00	30,85	36,77
		34,07	36,91
55°		34,46	36,93
		38,07	40,71
60°		41,84	41,84
		43,38	45,87
		48,00	48,00
65°		50,75	53,11
		56,79	56,79
70°		33,00	42,30
	48,24		48,24
75°	54,06		55,57
	63,75		63,75
80°	75,42		76,90
	95,02		95,02
85°	25,00	95,13	96,23

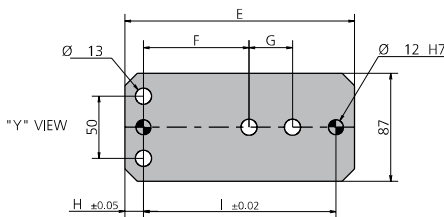
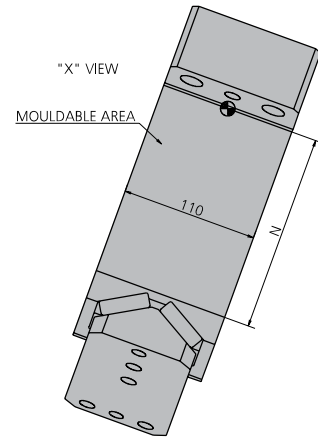
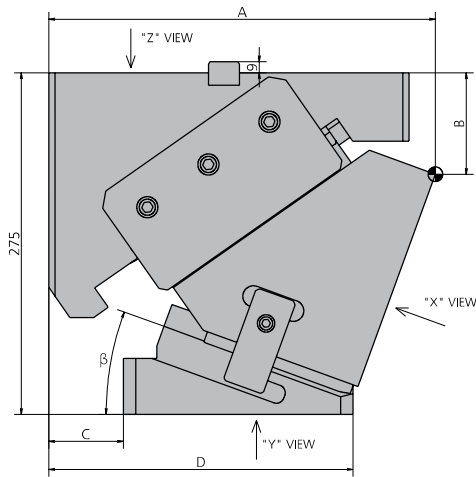
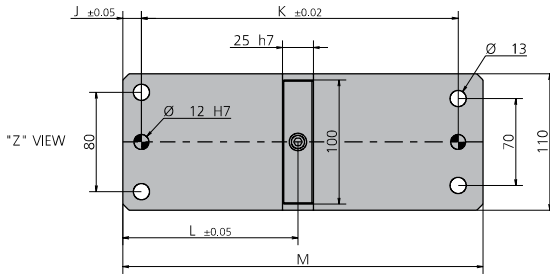
Springs	θ	Q'TY	Model
GS	0-40	1	RV320-075-C
	45-75		RV320-063-C

Cam Diagram

SENSOR Poz No:13

Order Example:
W= 85, θ = 25, GS
Order Code: K802-06-085-25-GS
Option Code= 9003.0002



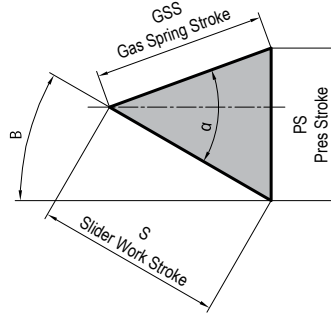
POS.	DESCRIPTION	Q.TY
001	ALT GÖVDE / WEDGE / DRUCKKEIL	1
002	SÜRÜCÜ / SLIDER / LAGERKEIL	1
003	ÜST GÖVDE / CAM BODY / GRUNDGEHÄUSE	1
004	GERİ DÖNÜŞ PLAKASI / BRACKET ATTACHMENTS / BRACKETBEFESTIGUNG	2
005	YAY TUTUCU PLAKA / PLATE / PLATTE	1
006	YAY TUTUCU KAPAK / SPACER / ABSTANDSHALTER	1
007	BRAKET / BRACKET / BRACKET	2
008	KAMA / KEY / SCHLÜSSEL	1
009	SWITCH / LIMIT SWITCHES / ENDSCHALTER	1
010	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
011	GAZLI YAY / NITROGEN CYLINDER / STICKSTOFFZYLINDER	1
012	STOPLAMA VULKONU / BUMP STOP / STOSSDÄMPFERSPITZE	2
013	GÜVENLİK SENSÖRÜ / SECURITY SENSOR KIT / KIT SENSOR FÜR SICHERHEIT	1*OPTION
014	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2



Catalog No:	β	A	B	C	D	E	F	G	H	I	J	K	L	M	N
K802-06-110.00	0°	278	70	60	270	210	85	35	15	155	15	255	97.5	290	160
K802-06-110.05	5°	285.45	74.28	60	265	205	85	35	15	155	15	255	117	290	160
K802-06-110.10	10°	292.94	79.21	60	255	195	85	35	15	155	15	255	124.5	290	170
K802-06-110.15	15°	300.41	84.79	60	250	190	85	35	15	155	15	255	133.5	290	170
K802-06-110.20	20°	307.8	91.02	60	245	185	85	35	15	155	15	255	141	290	170
K802-06-110.25	25°	302.93	102.42	50	228	178	40	45	15	135	20	260	140	300	170
K802-06-110.30	30°	309.61	109.72	50	222	172	40	45	15	135	20	260	147.5	300	170
K802-06-110.35	35°	316.06	117.58	50	217	167	40	45	15	135	20	260	155	300	170
K802-06-110.40	40°	322.23	126	50	213	163	40	45	15	135	20	260	162.5	300	170
K802-06-110.45	45°	311.62	131.41	10	193	183	55	45	20	120	15	265	148.5	295	170
K802-06-110.50	50°	309.74	147.6	10	182	172	55	45	20	120	15	265	154.5	295	170
K802-06-110.55	55°	302.27	165.76	10	167	157	55	45	20	120	15	265	175.5	295	170
K802-06-110.60	60°	305.96	174.61	10	165	155	55	45	20	120	15	265	175.5	295	170
K802-06-110.65	65°	285.71	195.11	0	137	137	55	25	20	100	15	265	155.5	295	170
K802-06-110.70	70°	288.18	208.33	0	135	135	55	25	20	100	15	265	155.5	295	170
K802-06-110.75	75°	290.36	211.76	0	134	134	55	25	20	100	15	275	155.5	310	170

α	GSS	S	PS
50°	48,00	30,85	36,77
		34,07	36,91
55°		34,46	39,93
		38,07	40,71
		41,84	41,84
60°		43,38	45,87
		48,00	48,00
65°		50,75	53,11
		56,79	56,79
70°		61,52	63,79
	48,24	48,24	
75°	54,06	55,57	
	63,75	63,75	
	75,42	76,90	
80°	33,00	95,02	95,02
85°		25,00	95,13

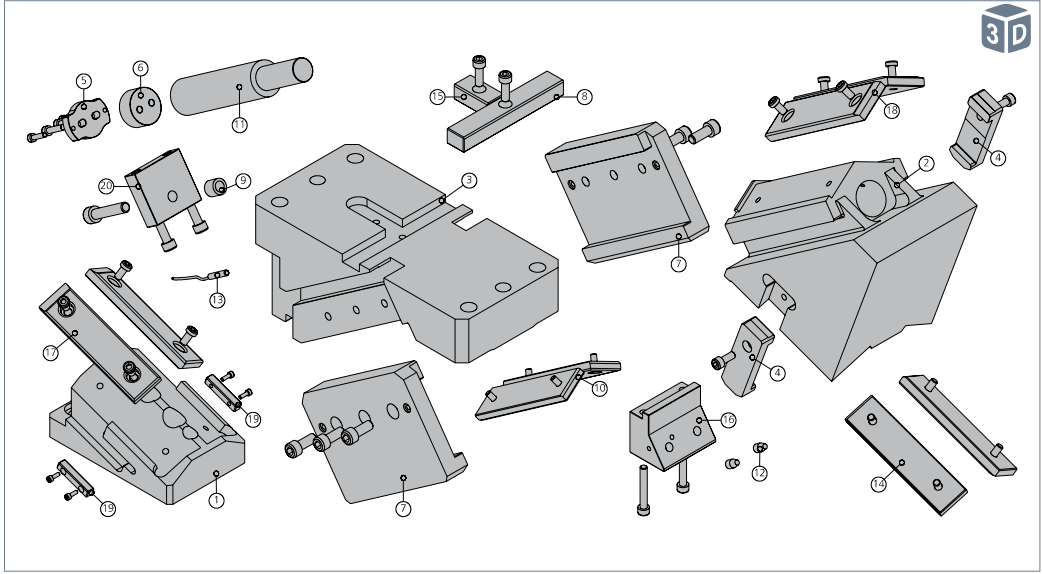
Springs	θ	Q'TY	Model
GS	0-45	1	RV320-075-C
	50-75		RV320-063-C

Cam Diagram

SENSOR Poz No:13

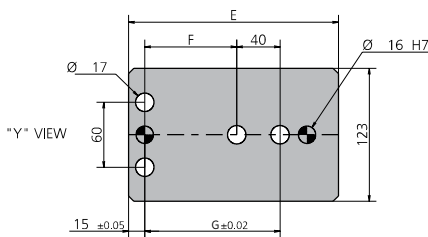
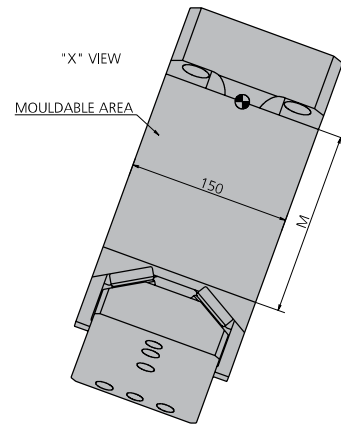
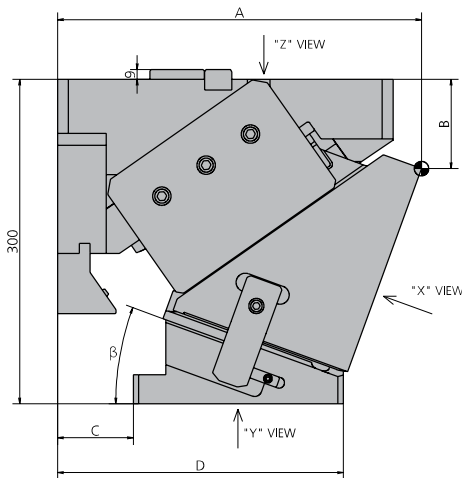
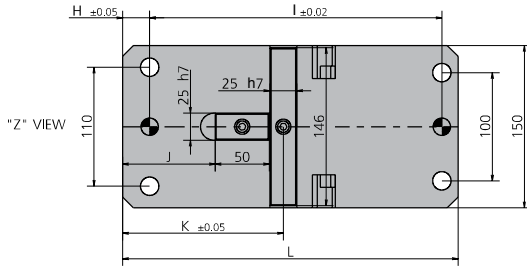
Order Example:
W= 110, **θ =** 25, GS

Order Code: K802-06-110-25-GS

Option Code= 9003.0002



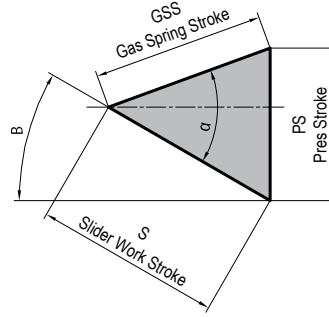
POS.	DESCRIPTION	Q.TY
001	ALT GÖVDE / WEDGE / DRUCKKEIL	1
002	SÜRÜCÜ / SLIDER / LAGERKEIL	1
003	ÜST GÖVDE / CAM BODY / GRUNDGEHÄUSE	1
004	GERİ DÖNÜŞ PLAKASI / BRACKET ATTACHMENTS / BRACKETBEFESTIGUNG	2
005	YAY TUTUCU PLAKA / PLATE / PLATTE	1
006	YAY TUTUCU KAPAK / SPACER / ABSTANDSHALTER	1
007	BRAKET / BRACKET / BRACKET	2
008	KAMA / KEY / SCHLÜSSEL	1
009	SWITCH / LIMIT SWITCHES / ENDSCHALTER	1
010	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
011	GAZLI YAY / NITROGEN CYLINDER / STICKSTOFFZYLINDER	1
012	STOPLAMA VULKOLON / BUMP STOP / STOSSDÄMPFERSPITZE	2
013	GÜVENLİK SENSÖRÜ / SECURITY SENSOR / SENSOR FÜR SICHERHEIT	1*OPTION
014	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
015	KAMA / KEY / SCHLÜSSEL	1
016	SWITCH / LIMIT SWITCHES / ENDSCHALTER	1
017	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
018	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
019	KAMA / KEY / SCHLÜSSEL	2
020	SWITCH / LIMIT SWITCHES / ENDSCHALTER	1



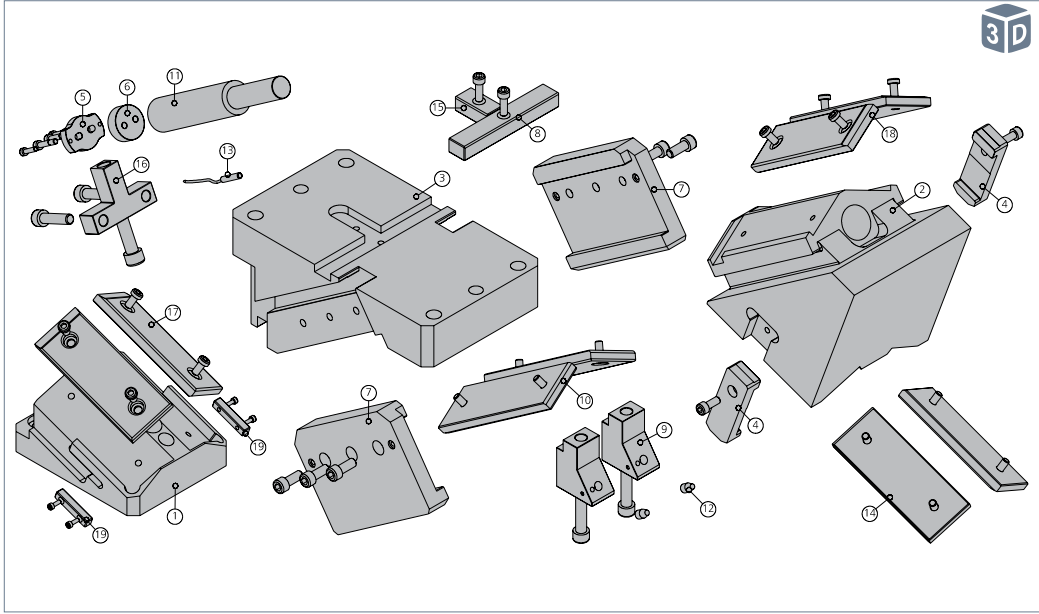
Catalog No:	β	A	B	C	D	E	F	G	H	I	J	K	L	M
K802-06-150.00	0°	298	65	70	290	220	85	150	25	270	54	117	310	160
K802-06-150.05	5°	307.2	69.35	70	280	210	85	150	25	270	61.5	124.5	310	160
K802-06-150.10	10°	313.81	89.28	70	270	200	85	150	25	270	69	132	310	180
K802-06-150.15	15°	321.7	94.96	70	265	195	85	150	25	270	78	141	310	180
K802-06-150.20	20°	329.51	101.32	70	264	194	85	150	25	270	85.5	148.5	310	180
K802-06-150.25	25°	342.93	117.42	60	262	202	105	170	15	320	104.5	167.5	350	190
K802-06-150.30	30°	352.11	125.39	60	259	199	105	170	15	320	112	175	350	190
K802-06-150.35	35°	364.66	130.3	60	261	201	105	170	15	320	119.5	182.5	350	190
K802-06-150.40	40°	371.87	144.51	60	257	197	105	170	15	320	127	190	350	190
K802-06-150.45	45°	325.76	152.27	20	202	182	85	150	15	310	73	136	340	190
K802-06-150.50	50°	332.72	168.31	20	199	179	85	150	15	310	79	142	340	190
K802-06-150.55	55°	347.32	179.21	20	206	186	85	150	15	310	64.5	127.5	340	190
K802-06-150.60	60°	353.59	197.11	20	203	183	85	150	15	310	71.5	134.5	340	190
K802-06-150.65	65°	359.15	205.52	20	203	183	85	150	15	310	71.5	134.5	340	190
K802-06-150.70	70°	334.26	226.1	0	168	168	70	135	15	310	71.5	134.5	340	190
K802-06-150.75	75°	338.15	234.94	0	167	167	70	135	15	310	71.5	134.5	340	190

α	GSS	S	PS
50°	50,00	32,14	38,30
		35,49	38,45
55°		35,90	41,59
		39,65	42,40
60°		43,59	43,59
		45,19	47,78
65°		50,00	50,00
		52,86	55,32
70°		59,16	59,16
		64,09	66,45
75°		73,10	73,10
		81,92	84,20
80°		96,59	96,59
	40,00	91,42	93,21
85°	30,00	84,73	87,38
	20,00	76,10	76,98

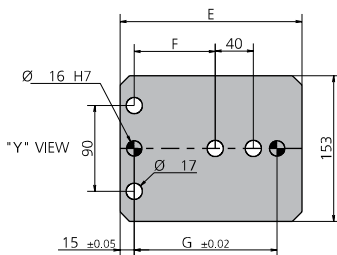
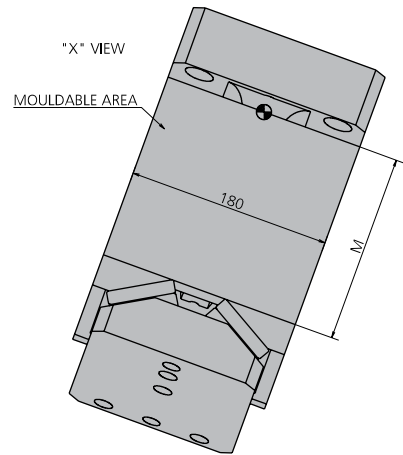
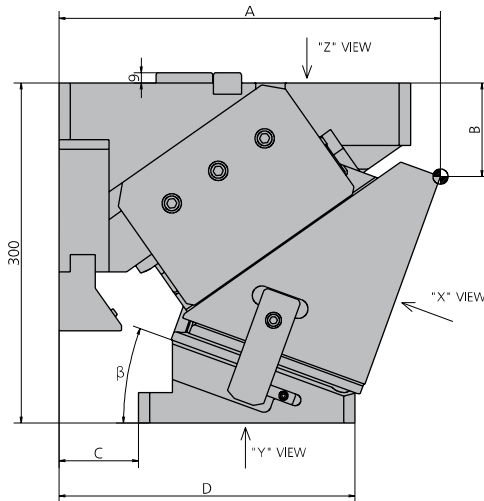
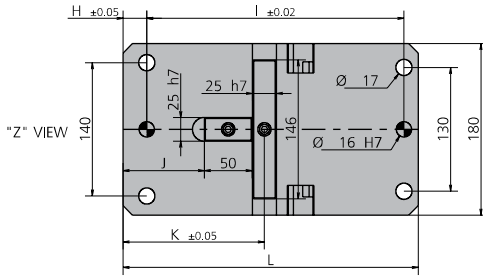
Springs	θ	Q'TY	Model
GS	0-60	1	RV500-080-B
	65-75		RV500-063-B

Cam Diagram

SENSOR Poz No:13

Order Example:
W= 150, θ = 25, GS
Order Code: K802-06-150-25-GS
Option Code= 9003.0002



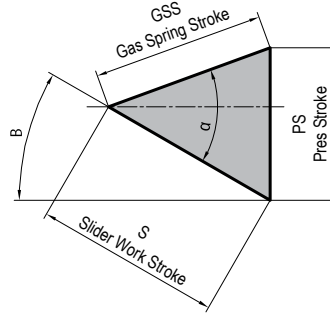
POS.	DESCRIPTION	Q.TY
001	ALT GÖVDE / WEDGE / DRUCKKEIL	1
002	SÜRÜCÜ / SLIDER / LAGERKEIL	1
003	ÜST GÖVDE / CAM BODY / GRUNDGEHÄUSE	1
004	GERİ DÖNÜŞ PLAKASI / BRACKET ATTACHMENTS / BRACKETBEFESTIGUNG	2
005	YAY TUTUCU PLAKA / PLATE / PLATTE	1
006	YAY TUTUCU KAPAK / SPACER / ABSTANDSHALTER	1
007	BRACKET / BRACKET / BRACKET	2
008	KAMA / KEY / SCHLÜSSEL	1
009	SWITCH / LIMIT SWITCHES / ENDSCHALTER	2
010	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
011	GAZLI YAY / NITROGEN CYLINDER / STICKSTOFFZYLINDER	1
012	STOPLAMA VULKOLONU / BUMP STOP / STOßDÄMPFERSPITZE	2
013	GÜVENLİK SENSÖRÜ / SECURITY SENSOR / SENSOR FÜR SICHERHEIT	1*OPTION
014	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
015	KAMA / KEY / SCHLÜSSEL	1
016	SWITCH / LIMIT SWITCHES / ENDSCHALTER	1
017	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
018	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
019	KAMA / KEY / SCHLÜSSEL	2



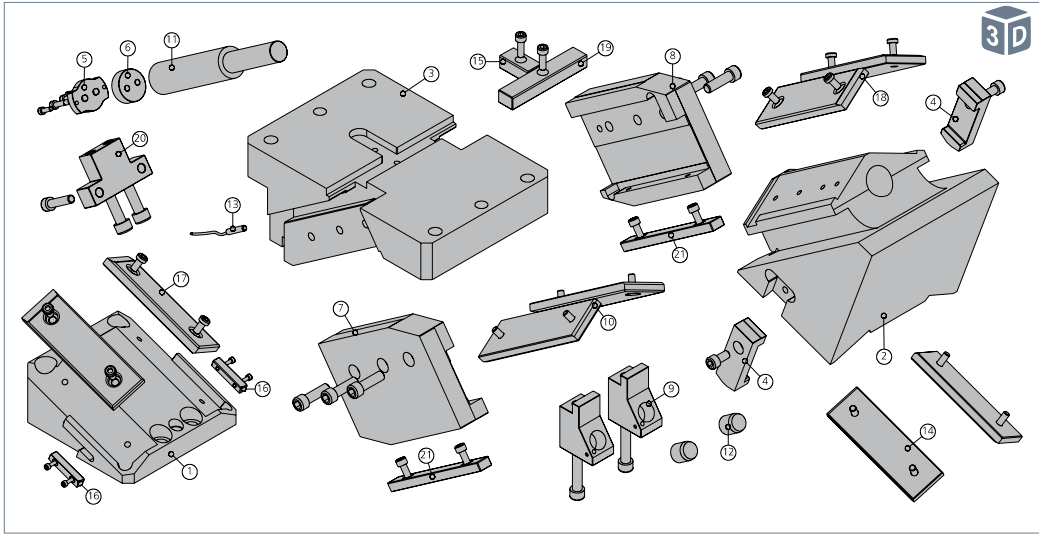
Catalog No:	β	A	B	C	D	E	F	G	H	I	J	K	L	M
K802-06-180.00	0°	298	65	70	290	220	85	150	25	270	54	117	310	160
K802-06-180.05	5°	307.2	69.35	70	280	210	85	150	25	270	61.5	124.5	310	160
K802-06-180.10	10°	313.81	89.28	70	270	200	85	150	25	270	69	132	310	180
K802-06-180.15	15°	321.7	94.96	70	265	195	85	150	25	270	78	141	310	180
K802-06-180.20	20°	329.51	101.32	70	261	191	85	150	25	270	85.5	148.5	310	180
K802-06-180.25	25°	324.93	117.42	60	259	199	105	170	15	320	104.5	167.5	350	200
K802-06-180.30	30°	352.11	125.39	60	259	199	105	170	15	320	112	175	350	200
K802-06-180.35	35°	364.66	130.3	60	261	201	105	170	15	320	119.5	182.5	350	200
K802-06-180.40	40°	371.87	144.51	60	257	197	105	170	15	320	127	190	350	200
K802-06-180.45	45°	325.76	152.27	20	202	182	85	150	15	310	73	136	340	200
K802-06-180.50	50°	332.72	168.31	20	199	179	85	150	15	310	79	142	340	200
K802-06-180.55	55°	347.32	179.21	20	206	186	85	150	15	310	64.5	127.5	340	200
K802-06-180.60	60°	353.59	197.11	20	202	182	85	150	15	310	71.5	134.5	340	200
K802-06-180.65	65°	359.15	205.52	20	201	181	85	150	15	310	71.5	134.5	340	200
K802-06-180.70	70°	334.26	226.1	0	168	168	70	135	15	310	71.5	134.5	340	200
K802-06-180.75	75°	338.15	234.94	0	172	172	70	135	15	310	71.5	134.5	340	200

α	GSS	S	PS
50°	50,00	32,14	38,30
		35,49	38,45
55°		35,90	41,59
		39,65	42,40
60°		43,59	43,59
		45,19	47,78
65°		50,00	50,00
		52,86	55,32
70°		59,16	59,16
		64,09	66,45
75°		73,10	73,10
		81,92	84,20
80°	96,59	96,59	
85°	40,00	91,42	93,21
	30,00	84,73	87,38
	20,00	76,10	76,98

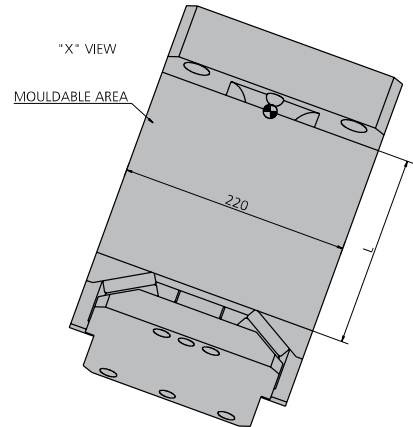
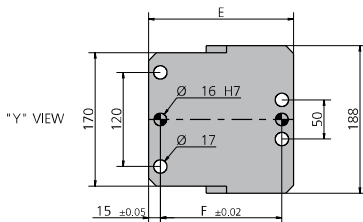
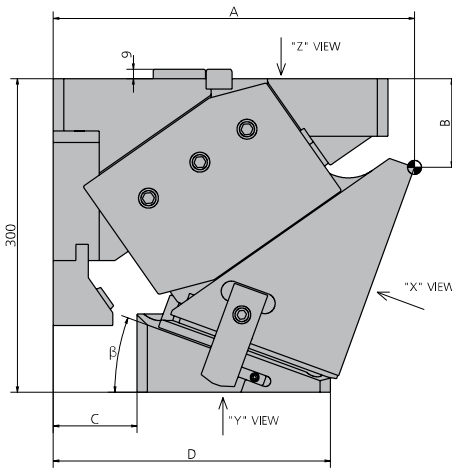
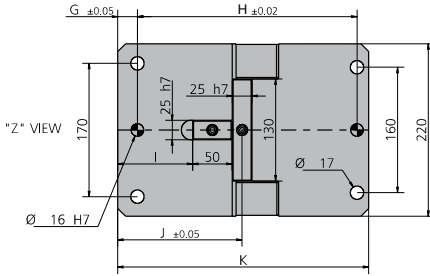
Springs	θ	Q'TY	Model
GS	0-60	1	RV320-075-C
	65-75		RV320-063-C

Cam Diagram

SENSOR Poz No:13

Order Example:
W= 180, θ = 25, GS
Order Code: K802-06-180-25-GS
Option Code= 9003.0002

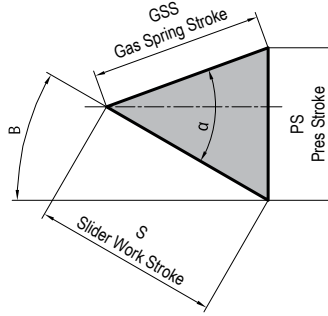


POS.	DESCRIPTION	Q.TY
001	ALT GÖVDE / WEDGE / DRUCKKEIL	1
002	SÜRÜCÜ / SLIDER / LAGERKEIL	1
003	ÜST GÖVDE / CAM BODY / GRUNDGEHÄUSE	1
004	GERİ DÖNÜŞ PLAKASI / BRACKET ATTACHMENTS / BRACKETBEFESTIGUNG	2
005	YAY TUTUCU PLAKA / PLATE / PLATTE	1
006	YAY TUTUCU KAPAK / SPACER / ABSTANDSHALTER	1
007	BRAKET / BRACKET / BRACKET	1
008	BRAKET / BRACKET / BRACKET	1
009	SWITCH / LIMIT SWITCHES / ENDSCHALTER	2
010	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
011	GAZLI YAY / NITROGEN CYLINDER / STICKSTOFFZYLINDER	1
012	STOPLAMA VULKOLONU / BUMP STOP / STOSSDÄMPFERSPITZE	2
013	GÜVENLİK SENSÖRÜ / SECURITY SENSOR / SENSOR FÜR SICHERHEIT	1*OPTION
014	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
015	KAMA / KEY / SCHLÜSSEL	1
016	KAMA / KEY / SCHLÜSSEL	2
017	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
018	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
019	KAMA / KEY / SCHLÜSSEL	2
020	SWITCH / LIMIT SWITCHES / ENDSCHALTER	1
021	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2



Catalog No:	β	A	B	C	D	E	F	G	H	I	J	K	L
K802-06-220.00	0°	308	60	80	295	215	155	25	280	64	127	320	160
K802-06-220.05	5°	317.63	64.37	80	290	210	155	25	280	71.5	134.5	320	160
K802-06-220.10	10°	323.81	89.28	80	280	200	155	25	280	79	142	320	190
K802-06-220.15	15°	331.7	94.96	80	270	190	155	25	280	88	151	320	183
K802-06-220.20	20°	337.8	106.02	80	265	185	155	25	280	95.5	158.5	320	183
K802-06-220.25	25°	345.05	112.89	60	255	195	150	15	330	104.5	167.5	360	200
K802-06-220.30	30°	357.11	116.73	60	250	190	150	15	330	112	175	360	200
K802-06-220.35	35°	362.94	132.76	60	245	185	150	15	330	119.5	182.5	360	210
K802-06-220.40	40°	373.16	142.98	60	240	180	150	15	330	127	190	360	210
K802-06-220.45	45°	348.64	154.39	45	205	160	130	15	335	98	161	365	210
K802-06-220.50	50°	355.42	170.24	45	205	160	130	15	335	104	167	365	210
K802-06-220.55	55°	361.67	186.67	45	206	161	130	15	335	89.5	152.5	365	210
K802-06-220.60	60°	371.66	201.11	45	204	159	130	15	335	96.5	159.5	365	210
K802-06-220.65	65°	367.84	213.13	45	206	161	130	15	335	96.5	159.5	365	210
K802-06-220.70	70°	372.05	220.55	45	208	163	130	15	335	96.5	159.5	365	210
K802-06-220.75	75°	352.07	246.93	35	180	145	115	15	335	96.5	159.5	365	210

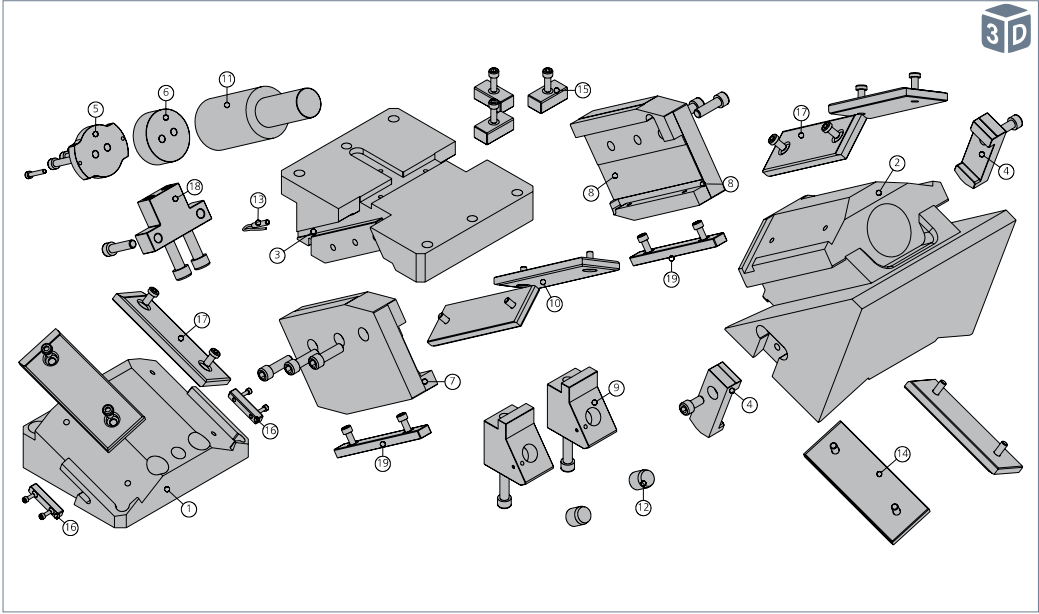
α	GSS	S	PS
50°	50,00	32,14	38,30
		35,49	38,45
55°		35,90	41,59
		39,65	42,40
60°		43,59	43,59
		45,19	47,78
		50,00	50,00
65°		52,86	55,32
		59,16	59,16
70°		64,09	66,45
		73,10	73,10
75°		81,92	84,20
		96,59	96,59
80°	40,00	91,42	93,21
	35,00	100,78	100,78
85°	25,00	95,13	96,23

Cam Diagram


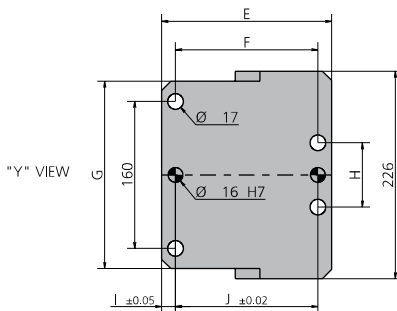
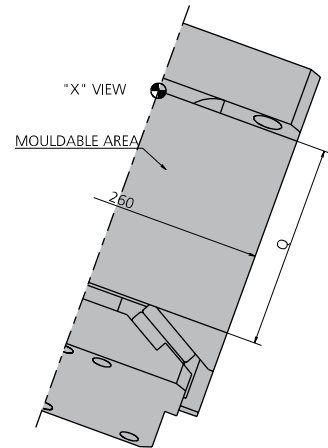
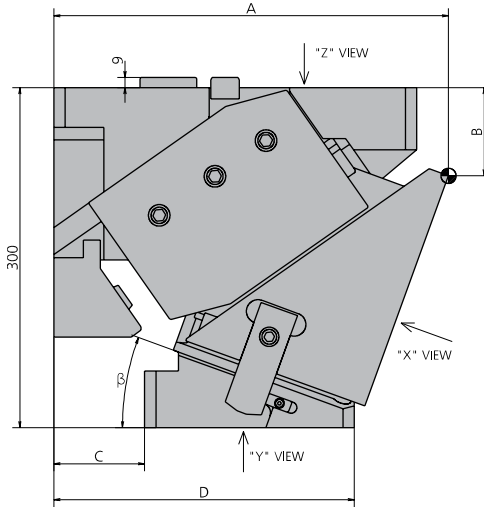
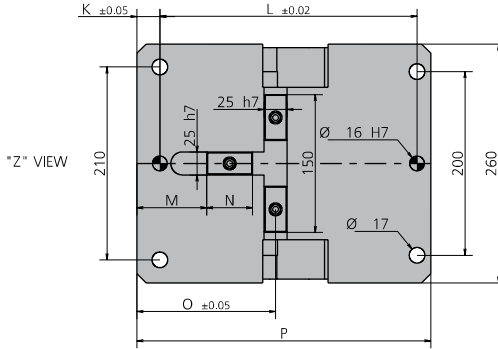
Springs	θ	Q'TY	Model
GS	0-60	1	RV750-080-B
	65-70		RV750-075-B
	75		RV750-063-B

SENSOR Poz No:13

Order Example:
W= 220, θ = 25, GS
Order Code: K802-06-220-25-GS
Option Code= 9003.0002



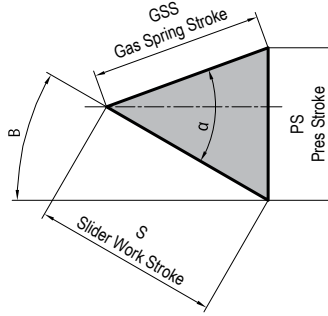
POS.	DESCRIPTION	Q.TY
001	ALT GÖVDE / WEDGE / DRUCKKEIL	1
002	SÜRÜCÜ / SLIDER / LAGERKEIL	1
003	ÜST GÖVDE / CAM BODY / GRUNDGEHÄUSE	1
004	GERİ DÖNÜŞ PLAKASI / BRACKET ATTACHMENTS / BRACKETBEFESTIGUNG	2
005	YAY TUTUCU PLAKA / PLATE / PLATTE	1
006	YAY TUTUCU PLAKA / SPACER / ABSTANDSHALTER	1
007	BRAKET / BRACKET / BRACKET	1
008	BRAKET / BRACKET / BRACKET	1
009	SWITCH / LIMIT SWITCHES / ENDSCHALTER	2
010	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
011	GAZLI YAY / NITROGEN CYLINDER / STICKSTOFFZYLINDER	1
012	STOPLAMA VULKOLONU / BUMP STOP / STOßDÄMPFERSPITZE	2
013	GÜVENLİK SENSÖRÜ / SECURITY SENSOR / SENSOR FÜR SICHERHEIT 1*OPTION	1*OPTION
014	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
015	KAMA / KEY / SCHLÜSSEL	3
016	KAMA / KEY / SCHLÜSSEL	2
017	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	4
018	SWITCH / LIMIT SWITCHES / ENDSCHALTER	1
019	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2



Catalog No:	β	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
K802-06-260.00	0°	308	60	80	295	215	155	204	70	15	155	25	280	63.5	50	127	320	160
K802-06-260.05	5°	317.63	64.37	80	290	210	155	204	90	15	155	25	280	70.5	50	134	320	160
K802-06-260.10	10°	323.81	69.28	80	280	200	155	204	70	15	155	25	280	78.5	50	142	320	190
K802-06-260.15	15°	331.7	94.96	80	270	190	155	204	70	15	155	25	280	76	50	151	320	190
K802-06-260.20	20°	337.8	106.02	80	265	185	155	204	70	15	155	25	280	76	50	151	320	190
K802-06-260.25	25°	345.05	112.89	60	255	195	150	204	70	15	150	15	330	52.5	120	167.5	360	190
K802-06-260.30	30°	357.11	116.73	60	250	190	150	204	70	15	150	15	330	60	120	175	360	190
K802-06-260.35	35°	362.94	132.76	60	245	185	150	204	70	15	150	15	330	62.5	130	182.5	360	210
K802-06-260.40	40°	373.16	142.98	60	240	180	150	204	70	15	150	15	330	70	130	190	360	210
K802-06-260.45	45°	348.64	154.39	45	205	160	130	204	70	15	130	15	335	71	100	161	365	210
K802-06-260.50	50°	355.42	170.24	45	205	160	130	204	70	15	130	15	335	79	100	167	365	210
K802-06-260.55	55°	361.67	186.67	45	215	170	130	204	70	15	130	15	335	64.5	100	152.5	365	210
K802-06-260.60	60°	371.66	201.11	45	205	160	130	204	70	15	130	15	335	49.5	120	159.5	365	210
K802-06-260.65	65°	367.84	213.13	45	211	166	120	204	70	20	120	15	335	49.5	120	159.5	365	210
K802-06-260.70	70°	372.05	220.55	45	210	165	130	226	90	15	130	15	335	49.5	120	159.5	365	210
K802-06-260.75	75°	352.07	246.93	35	185	150	115	226	90	15	115	15	335	49.5	120	159.5	365	210

α	GSS	S	PS
50°	50,00	32,14	38,30
		35,49	38,45
55°		35,90	41,59
		39,65	42,40
60°		43,59	43,59
		45,19	47,78
65°		50,00	50,00
		52,86	55,32
70°		59,16	59,16
		64,09	66,45
75°		73,10	73,10
		81,92	84,20
80°		96,59	96,59
	40,00	91,42	93,21
85°	35,00	100,78	100,78
	25,00	95,13	96,23

Cam Diagram



SENSOR Poz No:13



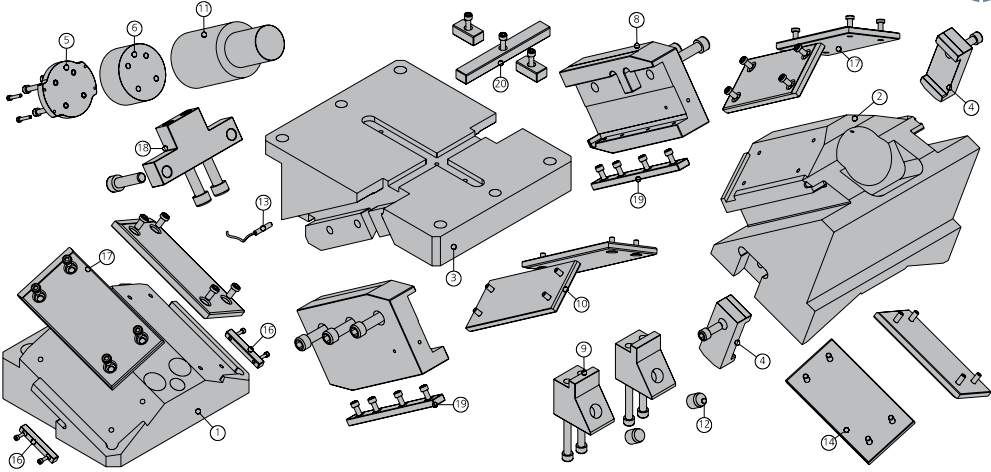
Springs	θ	Q'TY	Model
GS	0-65	1	RV1500-080-C
	70-75		RV1500-063-C

Order Example:

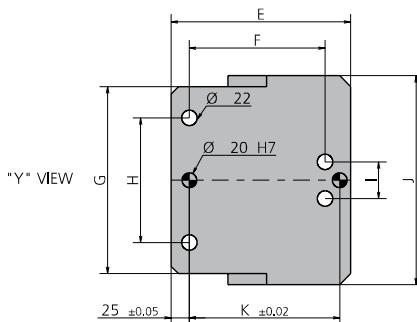
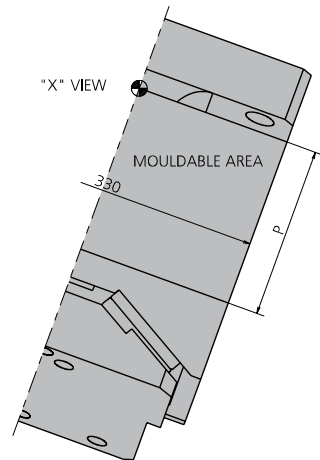
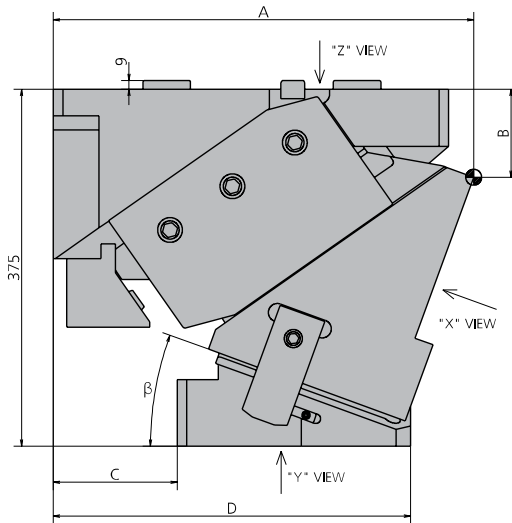
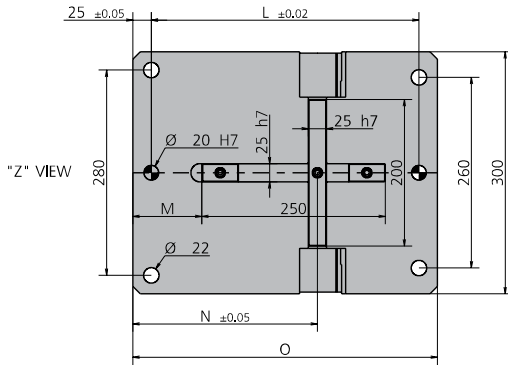
 W= 260, θ = 25, GS

Order Code: K802-06-260-25-GS

Option Code= 9003.0002

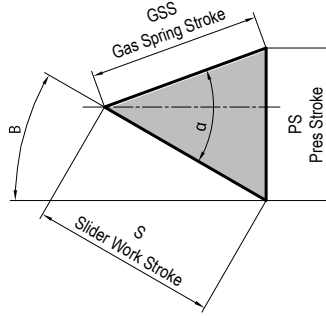


POS.	DESCRIPTION	Q.TY
001	ALT GÖVDE / WEDGE / DRUCKKEIL	1
002	SÜRÜCÜ / SLIDER / LAGERKEIL	1
003	ÜST GÖVDE / CAM BODY / GRUNDGEHÄUSE	1
004	GERİ DÖNÜŞ PLAKASI / BRACKET ATTACHMENTS / BRACKETBEFESTIGUNG	2
005	YAY TUTUCU PLAKA / PLATE / PLATTE	1
006	YAY TUTUCU KAPAK / SPACER / ABSTANDSHALTER	1
007	BRAKET / BRACKET / BRACKET	1
008	BRAKET / BRACKET / BRACKET	1
009	SWITCH / LIMIT SWITCHES / ENDSCHALTER	2
010	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
011	GAZLI YAY / NITROGEN CYLINDER / STICKSTOFFZYLINDER	1
012	STOPLAMA VULKOLONU / BUMP STOP / STOSSDÄMPFERSPITZE	2
013	GÜVENLİK SENSÖRÜ / SECURITY SENSOR / SENSOR FÜR SICHERHEIT	1*OPTION
014	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
015	KAMA / KEY / SCHLÜSSEL	2
016	KAMA / KEY / SCHLÜSSEL	2
017	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	4
018	SWITCH / LIMIT SWITCHES / ENDSCHALTER	1
019	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
020	KAMA / KEY / SCHLÜSSEL	1



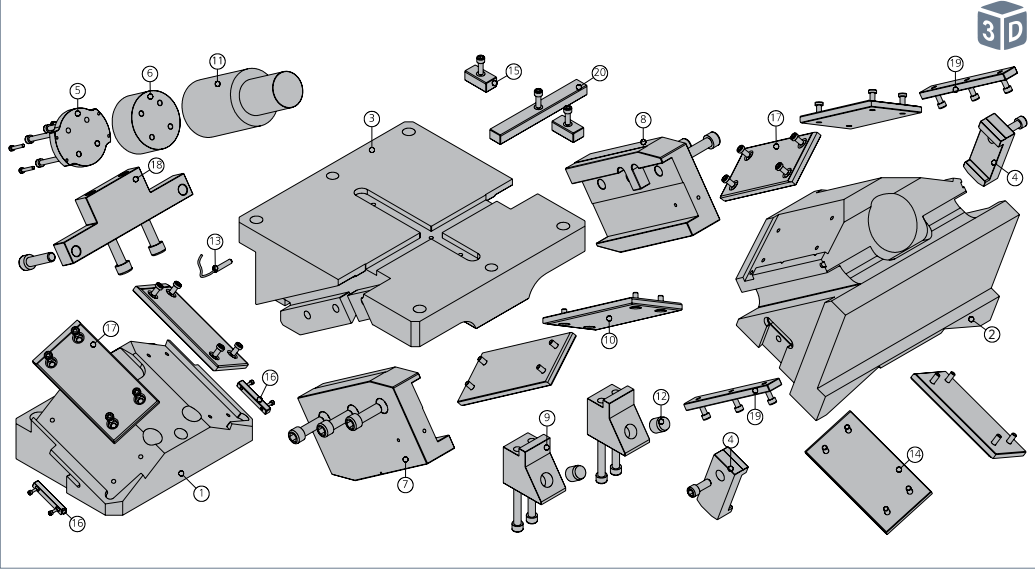
Catalog No:	β	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
K802-06-330.00	0°	403	75	130	410	280	185	254	170	60	285	205	365	72	209.5	415	180
K802-06-330.05	5°	410.89	94.3	130	398	268	185	254	170	50	285	205	365	82.5	220	415	180
K802-06-330.10	10°	418.81	99.28	130	384	254	185	254	170	50	285	205	365	93	230.5	415	200
K802-06-330.15	15°	426.7	104.96	130	385	255	185	254	170	50	285	205	365	103.5	241	415	200
K802-06-330.20	20°	434.51	111.32	130	375	245	185	254	170	50	285	205	365	94	251.5	415	200
K802-06-330.25	25°	417.16	118.36	80	339	259	145	254	170	50	285	175	365	104.5	237	415	210
K802-06-330.30	30°	426.61	131.06	80	330	250	145	254	170	50	285	175	365	95	247.5	415	210
K802-06-330.35	35°	427.78	150.13	80	317	237	145	254	170	50	285	175	365	104	256.5	415	210
K802-06-330.40	40°	438.66	158.34	80	312	232	145	254	170	50	285	175	365	98	265.5	415	210
K802-06-330.45	45°	395.15	172.88	30	255	225	145	254	170	50	285	175	401	62	224.5	450	220
K802-06-330.50	50°	412.72	188.31	30	252	222	145	254	170	50	285	175	401	56	233.5	450	220
K802-06-330.55	55°	423.22	212.08	30	256	226	145	254	170	50	285	175	401	63.4	240.9	450	220
K802-06-330.60	60°	433.59	232.11	30	258	228	145	254	170	50	285	175	401	71	248.5	450	220
K802-06-330.65	65°	434.62	242.64	0	242	242	140	330	293	293	330	175	401	71	248.5	450	220
K802-06-330.70	70°	429.87	254.52	0	232	232	125	330	293	293	330	175	401	71	248.5	450	220
K802-06-330.75	75°	418.49	262.53	0	221	221	105	330	293	293	330	160	401	56	233.5	450	220

α	GSS	S	PS
50°	58,00	37,28	44,43
55°		41,17	44,60
		41,64	48,24
		46,00	49,19
		50,56	50,56
60°		52,42	55,42
		58,00	58,00
65°		61,32	64,17
		68,62	68,62
70°		74,34	77,08
		84,79	84,79
75°		95,02	97,67
	112,05	112,05	
80°	45,00	102,85	104,86
85°		127,09	131,07
	30,00	114,15	115,47

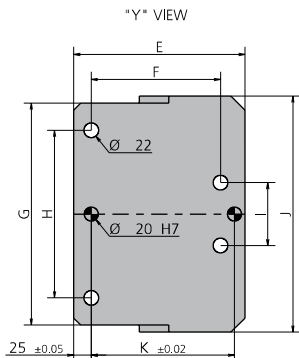
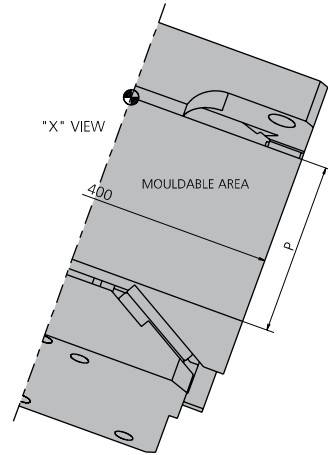
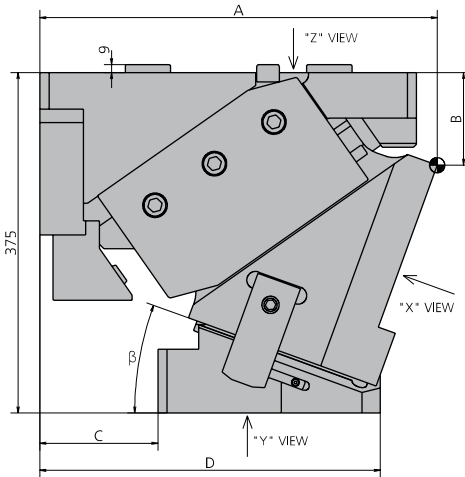
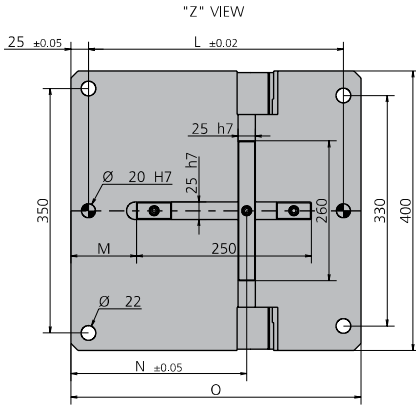
Cam Diagram

SENSOR Poz No:13


Springs	θ	Q'TY	Model
GS	0-60	1	SC3000-080-E
	65-75		SC3000-050-E

Order Example:
W= 330, θ = 25, GS
Order Code: K802-06-330-25-GS
Option Code= 9003.0002



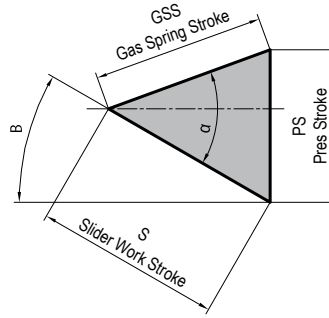
POS.	DESCRIPTION	Q.TY
001	ALT GÖVDE / WEDGE / DRUCKKEIL	1
002	SÜRÜCÜ / SLIDER / LAGERKEIL	1
003	ÜST GÖVDE / CAM BODY / GRUNDGEHÄUSE	1
004	GERİ DÖNÜŞ PLAKASI / BRACKET ATTACHMENTS / BRACKETBEFESTIGUNG	2
005	YAY TUTUCU PLAKA / PLATE / PLATTE	1
006	YAY TUTUCU KAPAK / SPACER / ABSTANDSHALTER	1
007	BRAKET / BRACKET / BRACKET	1
008	BRAKET / BRACKET / BRACKET	1
009	SWITCH / LIMIT SWITCHES / ENDSCHALTER	2
010	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
011	GAZLI YAY / NITROGEN CYLINDER / STICKSTOFFZYLINDER	1
012	STOPLAMA VULKOLONU / BUMP STOP / STOSSDÄMPFERSPITZE	2
013	GÜVENLİK SENSÖRÜ / SECURITY SENSOR / SENSOR FÜR SICHERHEIT	1*OPTION
014	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
015	KAMA / KEY / SCHLÜSSEL	2
016	KAMA / KEY / SCHLÜSSEL	2
017	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	4
018	SWITCH / LIMIT SWITCHES / ENDSCHALTER	1
019	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
020	KAMA / KEY / SCHLÜSSEL	1



Catalog No:	β	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
K802-06-400.00	0°	403	75	130	410	280	185	318	240	90	338	205	365	72	209.5	415	180
K802-06-400.05	5°	410.89	94.3	130	410	280	185	318	240	90	338	205	365	82.5	220	415	180
K802-06-400.10	10°	418.81	99.28	130	385	255	185	318	240	90	338	205	365	93	230.5	415	190
K802-06-400.15	15°	426.7	104.96	130	385	255	185	318	240	90	338	205	365	103.5	241	415	190
K802-06-400.20	20°	434.51	111.32	130	375	245	185	318	240	90	338	205	365	94	251.5	415	190
K802-06-400.25	25°	417.16	118.36	80	340	260	145	318	240	90	338	175	365	104.5	237	415	200
K802-06-400.30	30°	424.61	131.06	80	330	250	145	318	240	90	338	175	365	95	247.5	415	200
K802-06-400.35	35°	427.78	150.13	80	317	237	145	318	240	90	338	175	365	104	256.5	415	210
K802-06-400.40	40°	438.66	158.34	80	310	230	145	318	240	90	338	175	365	98	265.5	415	210
K802-06-400.45	45°	395.15	172.88	30	255	225	145	318	240	90	338	175	401	62	224.5	450	230
K802-06-400.50	50°	412.72	188.31	30	245	215	145	318	240	90	338	175	401	56	233.5	450	230
K802-06-400.55	55°	423.22	212.08	30	256	226	145	318	240	90	338	175	401	63.4	240.9	450	230
K802-06-400.60	60°	433.59	232.11	30	260	230	145	318	240	90	338	175	401	71	248.5	450	230
K802-06-400.65	65°	434.62	242.64	0	242	242	140	400	363	363	400	175	401	71	248.5	450	230
K802-06-400.70	70°	429.87	254.52	0	226	226	125	400	363	363	400	175	401	71	248.5	450	230
K802-06-400.75	75°	418.49	262.53	0	214	214	105	400	363	363	400	160	401	56	233.5	450	230

α	GSS	S	PS
50°	58,00	37,28	44,43
		41,17	44,60
55°		41,64	48,24
		46,00	49,19
		50,56	50,56
60°		52,42	55,42
		58,00	58,00
65°		61,32	64,17
		68,62	68,62
70°		74,34	77,08
		84,79	84,79
75°		95,02	97,67
	112,05	112,05	
80°	45,00	102,85	104,86
85°		127,09	131,07
		30,00	114,15

Cam Diagram



Springs	θ	Q'TY	Model
GS	0-60	1	SC3000-050-E
	65		SC3000-063-E
	70-75		SC3000-050-E

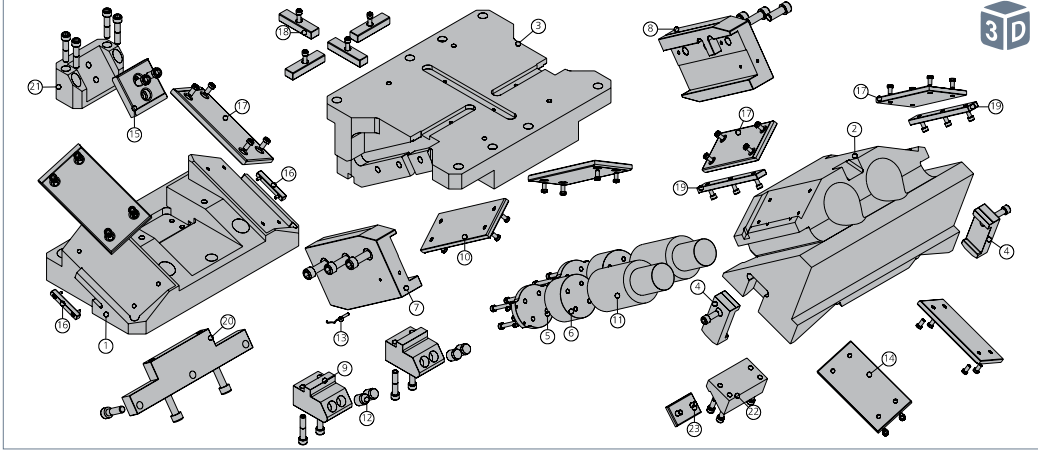
SENSOR Poz No:13


Order Example:

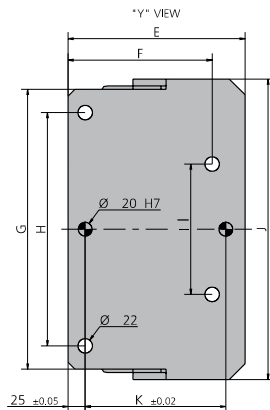
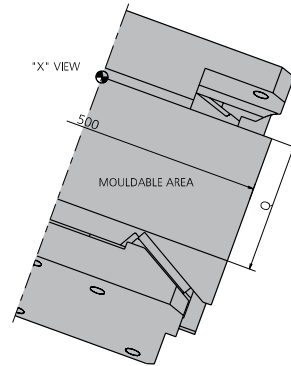
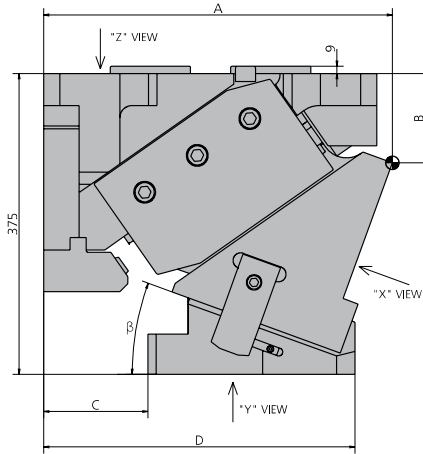
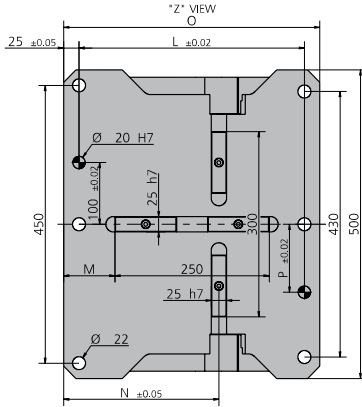
 W= 400, θ = 25, GS

Order Code: K802-06-400-25-GS

Option Code= 9003.0002



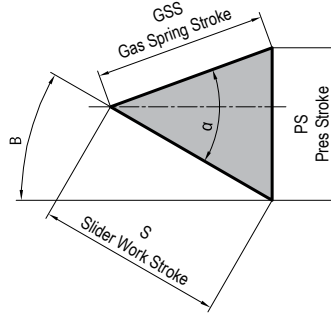
POS.	DESCRIPTION	Q.TY
001	ALT GÖVDE / WEDGE / DRUCKKEIL	1
002	SÜRÜCÜ / SLIDER / LAGERKEIL	1
003	ÜST GÖVDE / CAM BODY / GRUNDGEHÄUSE	1
004	GERİ DÖNÜŞ PLAKASI / BRACKET ATTACHMENTS / BRACKETBEFESTIGUNG	2
005	YAY TUTUCU PLAKA / PLATE / PLATTE	2
006	YAY TUTUCU KAPAK / SPACER / ABSTANDSHALTER	2
007	BRAKET / BRACKET / BRACKET	1
008	BRAKET / BRACKET / BRACKET	1
009	SWITCH / LIMIT SWITCHES / ENDSCHALTER	2
010	SÜRTÜNME PALAKSI / WEAR PLATE / DRUCKPLATTE	2
011	GAZLI YAY / NITROGEN CYLINDER / STICKSTOFFZYLINDER	2
012	STOPLAMA VULKOLONU / BUMP STOP / STOSSDÄMPFERSPITZE	4
013	GÜVENLİK SENSÖRÜ / SECURITY SENSOR / SENSOR FÜR SICHERHEIT	1*OPTION
014	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
015	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	1
016	KAMA / KEY / SCHLÜSSEL	2
017	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	4
018	KAMA / KEY / SCHLÜSSEL	4
019	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
020	SWITCH / LIMIT SWITCHES / ENDSCHALTER	1
021	ALT GÖVDE / WEDGE / DRUCKKEIL	1
022	ALT GÖVDE / WEDGE / DRUCKKEIL	1
023	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	1



Catalog No:	β	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
K802-06-500.00	0°	403	75	130	396	266	185	408	340	190	438	205	365	83	209.5	415	110	180
K802-06-500.05	5°	410.89	94.3	130	398	268	185	408	340	190	438	205	365	83	220	415	110	180
K802-06-500.10	10°	418.81	99.28	130	384	254	185	408	340	190	438	205	365	83	230.5	415	110	180
K802-06-500.15	15°	426.7	104.96	130	385	255	185	408	340	190	438	205	365	83	241	415	110	180
K802-06-500.20	20°	434.51	111.32	130	376	246	185	408	340	190	438	205	365	83	251.5	415	110	180
K802-06-500.25	25°	417.16	118.36	80	339	259	145	408	340	190	438	175	365	83	237	415	110	210
K802-06-500.30	30°	424.16	131.06	80	330	250	145	408	340	190	438	175	365	83	247.5	415	170	210
K802-06-500.35	35°	427.78	150.13	80	317	237	145	408	340	190	438	175	365	83	256.5	415	110	210
K802-06-500.40	40°	438.66	158.34	80	312	232	145	408	340	190	438	175	365	83	265.5	415	110	210
K802-06-500.45	45°	395.15	172.88	30	255	225	145	408	340	190	438	175	401	103	224.5	455	110	230
K802-06-500.50	50°	412.72	188.31	30	245	215	145	408	340	190	438	175	401	100.5	233.5	450	110	230
K802-06-500.55	55°	423.22	212.08	30	256	226	145	408	340	190	438	175	401	100.5	241	450	110	230
K802-06-500.60	60°	433.59	232.11	30	258	228	145	408	340	190	438	175	401	100.5	248.5	450	110	230
K802-06-500.65	65°	434.62	242.64	0	245	245	140	500	463	463	500	175	401	100.5	248.5	450	110	230
K802-06-500.70	70°	429.87	254.52	0	219	219	125	500	463	463	500	175	401	100.5	248.5	450	110	230
K802-06-500.75	75°	418.49	262.53	0	208	208	105	500	463	463	500	160	401	100.5	233.5	450	110	230

α	GSS	S	PS
50°	58,00	37,28	44,43
		41,17	44,60
55°		41,64	48,24
		46,00	49,19
60°		50,56	50,56
		52,42	55,42
65°		58,00	58,00
		61,32	64,17
70°		68,62	68,62
		74,34	77,08
75°		84,79	84,79
		95,02	97,67
80°	45,00	112,05	112,05
		102,85	104,86
85°		127,09	131,07
	30,00	114,15	115,47

Springs	θ	Q'TY	Model
GS	0-60	2	SC3000-080-E
	65-75		SC3000-063-E

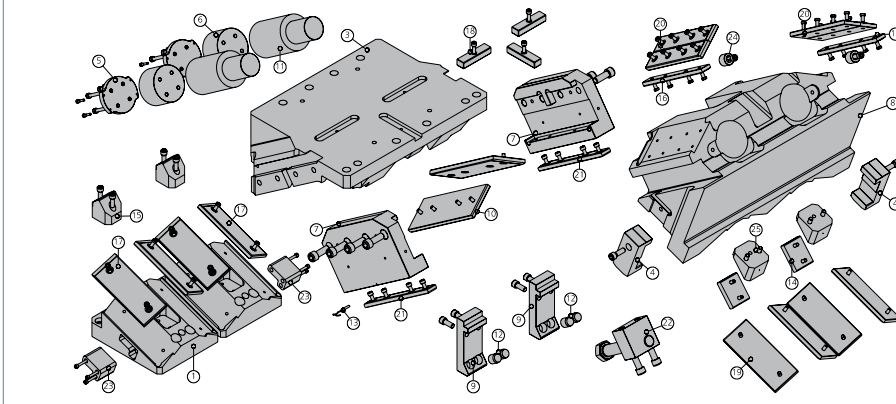
Cam Diagram

SENSOR Poz No:13

Order Example:

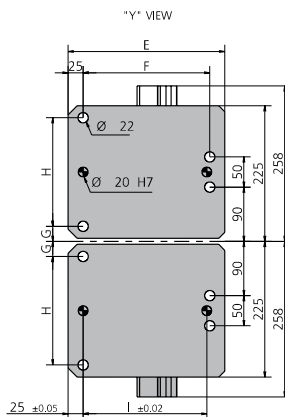
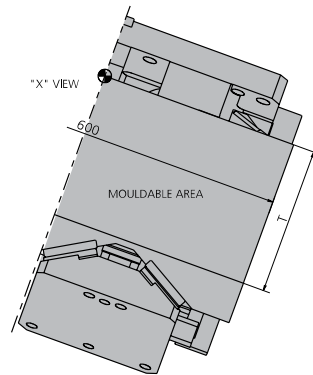
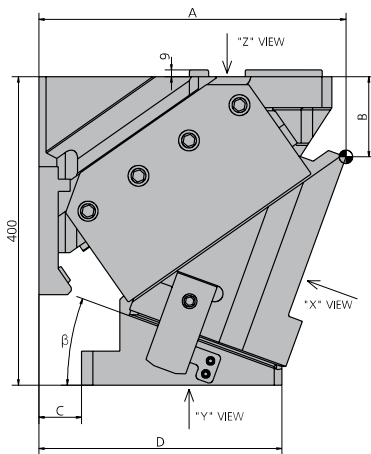
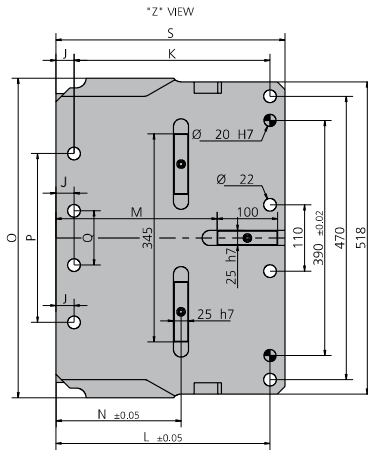
 W= 500, θ = 25, GS

Order Code: K802-06-500-25-GS

Option Code= 9003.0002



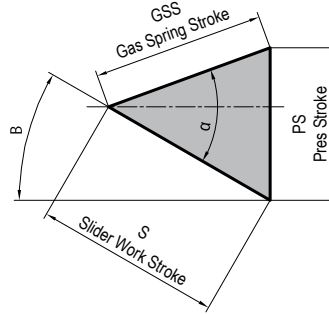
POS.	DESCRIPTION	Q.TY
001	ALT GÖVDE / WEDGE / DRUCKKEIL	2
003	ÜST GÖVDE / CAM BODY / GRUNDGEHÄUSE	1
004	GERİ DÖNÜŞ PLAKASI / BRACKET ATTACHMENTS / BRACKETBEFESTIGUNG	2
005	YAY TUTUCU PLAKA / PLATE / PLATTE	2
006	YAY TUTUCU KAPAK / SPACER / ABSTANDSHALTER	2
007	BRAKET / BRACKET / BRACKET	2
008	SÜRÜCÜ / SLIDER / LAGERKEIL	1
009	SWITCH / LIMIT SWITCHES / ENDSCHALTER	2
010	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
011	GAZLI YAY / NITROGEN CYLINDER / STICKSTOFFZYLINDER	2
012	STOPLAMA VULKOLONU / BUMP STOP / STOSSDÄMPFERSPITZE	4
013	GÜVENLİK SENSÖRÜ / SECURITY SENSOR / SENSOR FÜR SICHERHEIT	1*OPTION
014	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
015	ALT GÖVDE / WEDGE / DRUCKSTÜCK	2
016	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
017	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	4
018	KAMA / KEY / SCHLÜSSEL	3
019	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	4
020	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	4
021	SÜRTÜNME PLAKASI / WEAR PLATE / DRUCKPLATTE	2
022	SWITCH / LIMIT SWITCHES / ENDSCHALTER	1
023	KAMA / KEY / SCHLÜSSEL	2
024	YAY TUTUCU KAPAK / SPACER / ABSTANDSHALTER	2
025	ALT GÖVDE / WEDGE / DRUCKKEIL	2



Catalog No:	β	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
K802-06-600.00	0°	368	75	120	375	255	205	25	180	200	30	330	360	272.5	167.5	600	560	250	330	385	200
K802-06-600.05	5°	377.63	89.37	105	363	258	210	25	180	205	30	330	360	272.5	182.5	600	560	250	330	385	200
K802-06-600.10	10°	387.28	99.59	105	350	245	205	25	180	200	30	330	360	272.5	192.5	600	560	250	330	385	220
K802-06-600.15	15°	396.88	110.64	95	340	245	195	25	180	190	30	330	360	272.5	207.5	600	560	250	330	385	220
K802-06-600.20	20°	391.35	122.53	55	315	260	210	25	180	205	30	325	355	267.5	207.5	530	280	90	325	380	220
K802-06-600.25	25°	400.61	135.23	55	305	250	200	25	180	195	30	325	355	267.5	222.5	530	280	90	325	380	230
K802-06-600.30	30°	409.61	138.74	45	295	250	200	25	180	195	30	345	375	287.5	222.5	530	280	90	345	400	230
K802-06-600.35	35°	418.26	153.01	5	285	280	230	25	180	225	30	355	385	302.5	202.5	530	280	90	355	415	250
K802-06-600.40	40°	426.51	168.02	5	280	275	225	25	180	220	30	380	410	322.5	217.5	530	280	90	380	435	250
K802-06-600.45	45°	434.3	183.73	5	270	265	215	25	180	210	30	380	410	322.5	242.5	530	280	90	380	435	250
K802-06-600.50	50°	419.53	180.82	-5	220	225	175	25	180	170	30	400	430	342.5	232.5	530	280	100	400	455	250
K802-06-600.55	55°	427.8	199.87	-5	210	215	165	25	180	160	30	400	430	342.5	247.5	530	280	100	400	455	260
K802-06-600.60	60°	425.24	224.61	-15	200	215	165	25	180	160	30	400	430	342.5	267.5	530	280	100	400	455	260
K802-06-600.65	65°	431.81	244.96	5	190	185	140	35	160	130	55	415	470	382.5	262.5	600	560	250	440	495	260
K802-06-600.70	70°	437.45	270.84	5	185	180	135	35	160	125	55	415	470	382.5	262.5	600	560	250	440	495	260
K802-06-600.75	75°	442.12	292.17	5	180	175	120	35	160	130	55	415	470	382.5	327.5	600	560	250	440	495	260

α	GSS	S	PS
50°	58,00	37,28	44,43
		41,17	44,60
55°		41,64	48,24
		46,00	49,19
		50,56	50,56
60°		52,42	55,42
		58,00	58,00
65°		61,32	64,17
		68,62	68,62
70°		74,34	77,08
		84,79	84,79
75°		95,02	97,67
	112,05	112,05	
80°	45,00	102,85	104,86
85°		127,09	131,07
		30,00	114,15

Cam Diagram



SENSOR Poz No:13



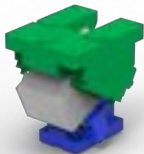
Springs	θ	Q'TY	Model
GS	0-70	2	SC3000-080-E
	75		SC3000-063-E

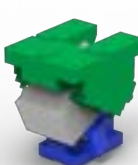
Order Example:

 W= 600, θ = 25, GS

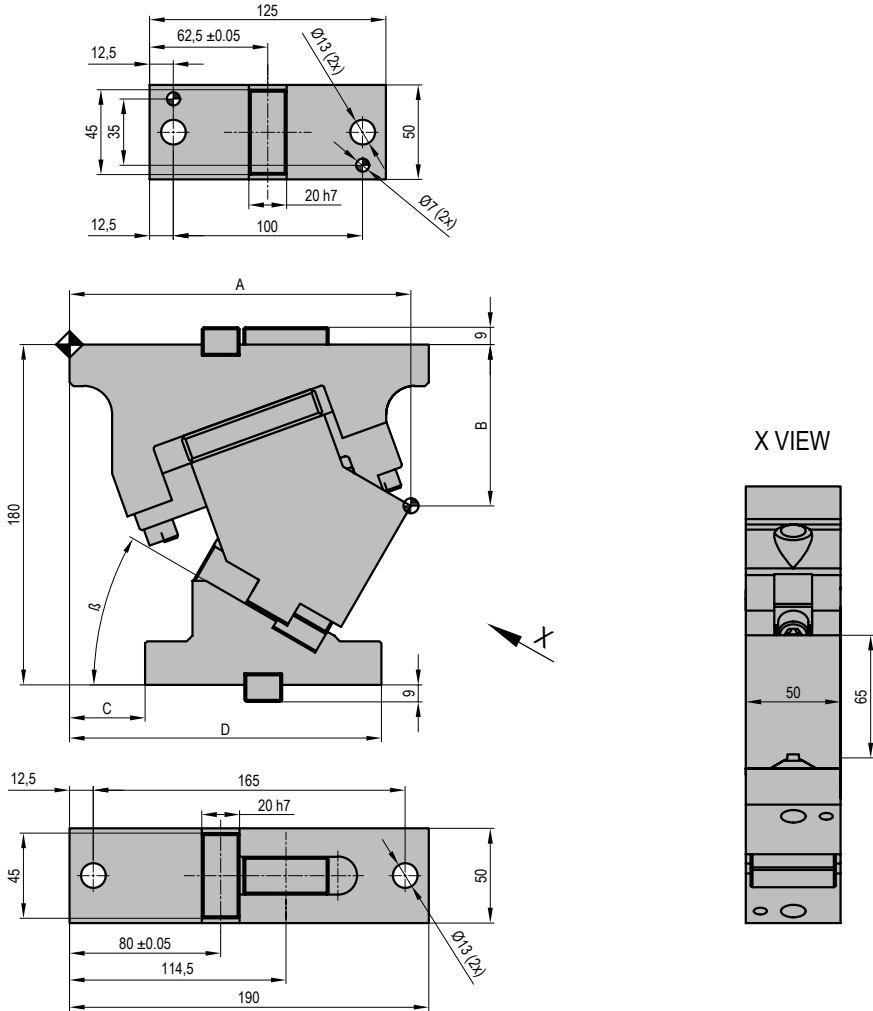
Order Code: K802-06-600-25-GS

Option Code= 9003.0002

Type	Catalog No:	Mounting Face		Working Angle	Stroke	Overall Width	Shut Height	Inner Angle (α)	Max Work Force With Shoulder (kN)	Return Force (kN)		Weight (kg)
		Width	Height							Coil Spring	Gas Spring	
	K802-07-050-00	50	65	0°	14,98	50	180	50°	60	1,31	1,72	10,60
	K802-07-050-05			5°	15,62					1,30	1,67	10,30
	K802-07-050-10			10°	15,64					1,14	1,60	9,90
	K802-07-050-15			15°	16,96					1,14	1,60	9,70
	K802-07-050-20			20°	18,43					1,14	1,60	9,40
	K802-07-050-25			25°	18,00					1,29	1,53	9,40
	K802-07-050-30			30°	17,36					1,17	1,47	9,20
	K802-07-050-35			35°	18,87					1,17	1,47	9,20
	K802-07-050-40			40°	20,57					1,17	1,47	9,10
	K802-07-050-45			45°	22,54					1,17	1,47	9,10
	K802-07-050-50			50°	23,34					1,17	1,44	9,10
	K802-07-050-55			55°	26,05					1,17	1,44	9,50
	K802-07-050-60			60°	31,51					1,17	1,47	9,70
	K802-07-050-65			65°	36,57					1,17	1,47	10,10
	K802-07-065-00	65	65	0°	14,98	50	180	50°	60	1,31	1,72	10,60
	K802-07-065-05			5°	15,62					1,30	1,67	10,30
	K802-07-065-10			10°	15,64					1,14	1,60	9,90
	K802-07-065-15			15°	16,96					1,14	1,60	9,70
	K802-07-065-20			20°	18,43					1,14	1,60	9,40
	K802-07-065-25			25°	18,00					1,29	1,53	9,40
	K802-07-065-30			30°	17,36					1,17	1,47	9,20
	K802-07-065-35			35°	18,87					1,17	1,47	9,20
	K802-07-065-40			40°	20,57					1,17	1,47	9,10
	K802-07-065-45			45°	22,54					1,17	1,47	9,10
	K802-07-065-50			50°	23,34					1,17	1,44	9,10
	K802-07-065-55			55°	26,05					1,17	1,44	9,50
	K802-07-065-60			60°	31,51					1,17	1,47	9,70
	K802-07-065-65			65°	36,57					1,17	1,47	10,10
	K802-07-080-00	80	88	0°	30,21	80	270	50°	149	1,37	1,85	34,00
	K802-07-080-05			5°	30,52					1,37	1,76	32,00
	K802-07-080-10			10°	31,11					1,37	1,69	32,00
	K802-07-080-15			15°	33,92					1,37	1,69	32,00
	K802-07-080-20			20°	32,26					1,25	1,59	32,00
	K802-07-080-25			25°	35,00					1,25	1,59	30,00
	K802-07-080-30			30°	34,72					1,25	1,54	30,00
	K802-07-080-35			35°	37,73					1,25	1,54	30,00
	K802-07-080-40			40°	39,85					1,25	1,52	29,00
	K802-07-080-45			45°	43,67					1,25	1,52	29,00
	K802-07-080-50			50°	46,67					1,13	1,50	30,00
	K802-07-080-55			55°	53,84					1,25	1,52	30,00
	K802-07-080-60			60°	61,06					1,25	1,52	31,00
	K802-07-080-65			65°	70,85					1,25	1,52	32,00
	K802-07-100-00	100	88	0°	30,21	80	270	50°	149	1,37	1,85	34,00
	K802-07-100-05			5°	30,52					1,37	1,76	32,00
	K802-07-100-10			10°	31,11					1,37	1,69	32,00
	K802-07-100-15			15°	33,92					1,37	1,69	32,00
	K802-07-100-20			20°	32,26					1,25	1,59	32,00

Type	Catalog No:	Mounting Face		Working Angle	Stroke	Overall Width	Shut Height	Inner Angle (α)	Max Work Load With Shoulder (kN)	Return Force (kN)		Weight (kg)
		Width	Height							Coil Spring	Gas Spring	
	K802-07-100-25	100	88	25°	35,00	80	270	50°	149	1,25	1,59	30,00
	K802-07-100-30			30°	34,72					1,25	1,54	30,00
	K802-07-100-35			35°	37,73					1,25	1,54	30,00
	K802-07-100-40			40°	39,85					1,25	1,52	29,00
	K802-07-100-45			45°	43,67					1,25	1,52	29,00
	K802-07-100-50			50°	46,67					1,13	1,50	30,00
	K802-07-100-55			55°	53,84					1,25	1,52	30,00
	K802-07-100-60			60°	61,06					1,25	1,52	31,00
	K802-07-100-65			65°	70,85					1,25	1,52	32,00
	K802-07-150-00	150	120	0°	28,68	150	355	55°	391	2,29	7,15	119,00
	K802-07-150-05			5°	32,26							117,00
	K802-07-150-10			10°	35,90							115,00
	K802-07-150-15			15°	39,65							114,00
	K802-07-150-20			20°	43,59							113,00
	K802-07-150-25			25°	47,78							112,00
	K802-07-150-30			30°	52,33							112,00
	K802-07-150-35			35°	57,36							114,00
	K802-07-150-40			40°	63,05							116,00
	K802-07-150-45			45°	69,64							118,00
	K802-07-150-50			50°	77,49							121,00
	K802-07-150-55			55°	87,17							123,00
	K802-07-150-60			60°	99,62							122,00
	K802-07-150-65			65°	116,51							126,00
	K802-07-180-00	180	120	0°	28,68	150	355	55°	396	2,29	7,15	130,00
	K802-07-180-05			5°	32,26							128,00
	K802-07-180-10			10°	35,90							125,00
	K802-07-180-15			15°	39,65							125,00
	K802-07-180-20			20°	43,59							123,00
	K802-07-180-25			25°	47,78							122,00
	K802-07-180-30			30°	52,33							122,00
	K802-07-180-35			35°	57,36							125,00
	K802-07-180-40			40°	63,05							127,00
	K802-07-180-45			45°	69,64							128,00
	K802-07-180-50			50°	77,49							131,00
	K802-07-180-55			55°	87,17							134,00
	K802-07-180-60			60°	99,62							133,00
	K802-07-180-65			65°	116,51							137,00
	K802-07-200-00	200	120	0°	28,68	150	355	55°	396	2,29	7,15	130,00
	K802-07-200-05			5°	32,26							128,00
	K802-07-200-10			10°	35,90							125,00
	K802-07-200-15			15°	39,65							125,00
	K802-07-200-20			20°	43,59							123,00
	K802-07-200-25			25°	47,78							122,00
	K802-07-200-30			30°	52,33							122,00
	K802-07-200-35			35°	57,36							125,00
	K802-07-200-40			40°	63,05							127,00
	K802-07-200-45			45°	69,64							128,00

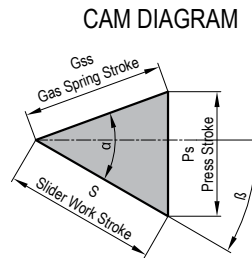
Type	Catalog No:	Mounting Face		Working Angle	Stroke	Overall Width	Shut Height	Inner Angle (α)	Max Work Load With Shoulder (kN)	Return Force (kN)		Weight (kg)
		Width	Height							Coil Spring	Gas Spring	
	K802-07-200-50	200	120	50°	77,49	150	355	55°	396	2,29	7,15	131,00
	K802-07-200-55			55°	87,17							134,00
	K802-07-200-60			60°	99,62							133,00
	K802-07-200-65			65°	116,51							137,00
	K802-07-250-00	250	160	0°	28,68	250	355	55°	645	4,58	14,30	215,00
	K802-07-250-05			5°	32,26							210,00
	K802-07-250-10			10°	35,90							204,00
	K802-07-250-15			15°	39,65							199,00
	K802-07-250-20			20°	43,59							199,00
	K802-07-250-25			25°	47,78							196,00
	K802-07-250-30			30°	52,33							207,00
	K802-07-250-35			35°	57,36							201,00
	K802-07-250-40			40°	63,05							213,00
	K802-07-250-45			45°	69,64							209,00
	K802-07-250-50			50°	77,49							209,00
	K802-07-250-55			55°	87,17							223,00
	K802-07-250-60			60°	99,62							224,00
	K802-07-250-65			65°	116,51							234,00
	K802-07-300-00	300	160	0°	28,68	250	355	55°	645	4,58	14,30	217,00
	K802-07-300-05			5°	32,26							212,00
	K802-07-300-10			10°	35,90							206,00
	K802-07-300-15			15°	39,65							201,00
	K802-07-300-20			20°	43,59							201,00
	K802-07-300-25			25°	47,78							198,00
	K802-07-300-30			30°	52,33							209,00
	K802-07-300-35			35°	57,36							203,00
	K802-07-300-40			40°	63,05							215,00
	K802-07-300-45			45°	69,64							211,00
	K802-07-300-50			50°	77,49							211,00
	K802-07-300-55			55°	87,17							225,00
	K802-07-300-60			60°	99,62							226,00
	K802-07-300-65			65°	116,51							237,00

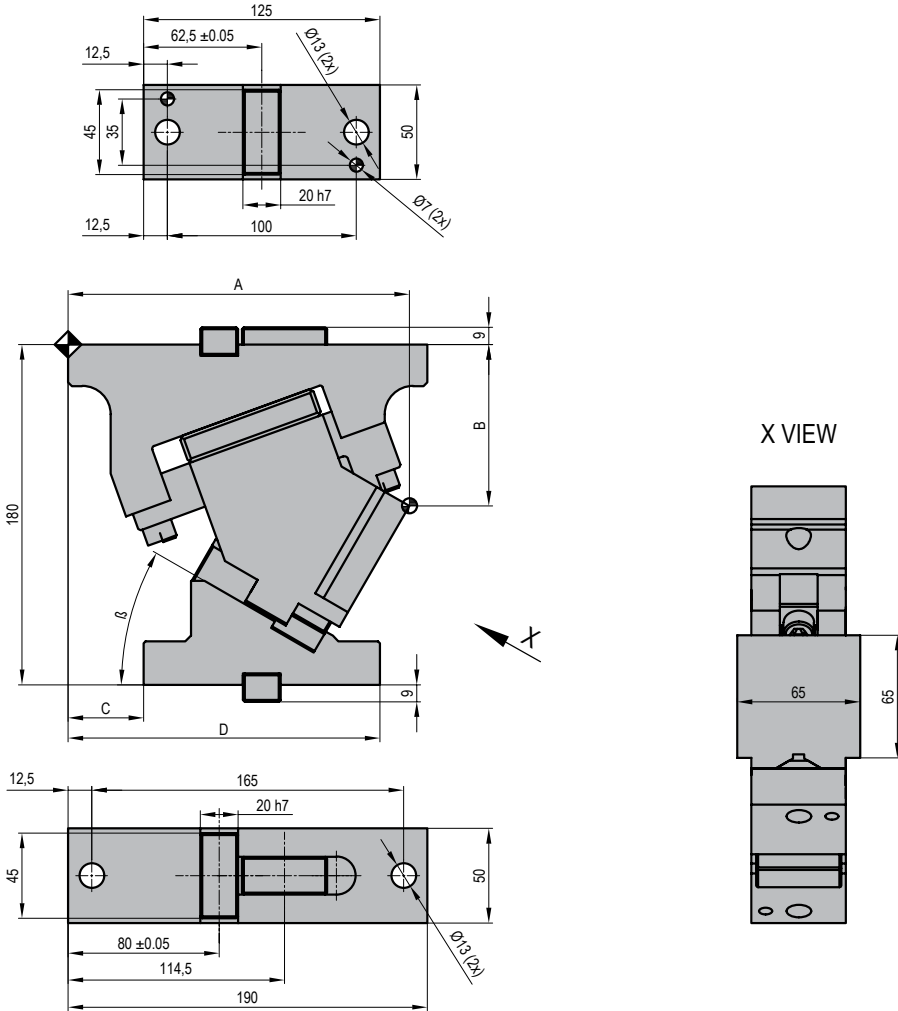


Working Face Width	Stroke	β	A	B	C	D
50	14,98	0°	185,00	67,50	80,00	205,00
	15,62	5°	188,04	68,29	75,00	200,00
	15,64	10°	185,99	69,77	65,00	190,00
	16,96	15°	188,77	71,95	65,00	190,00
	18,43	20°	186,34	74,79	55,00	180,00
	18,00	25°	181,62	80,28	41,00	166,00
	17,36	30°	180,58	85,39	40,00	165,00
	18,87	35°	177,15	90,10	25,00	150,00
	20,57	40°	173,29	95,35	22,50	147,50
	22,54	45°	169,94	98,13	10,00	135,00
	23,34	50°	164,07	99,37	5,00	130,00
	26,05	55°	158,64	111,04	-15,00	110,00
	31,51	60°	152,61	118,08	-25,00	100,00
	36,57	65°	145,95	125,44	-35,00	90,00

*Return Type	
GS	Gas Spring
CS	Coil Spring

α	GSS	S	PS
50°	23,30	14,98	17,85
	22,00	15,62	16,92
	20,10	15,64	15,64
	20,00	16,96	15,86
		18,43	16,30
	18,00	18,00	15,21
	16,00	17,36	14,15
		18,87	14,96
		20,57	16,00
		22,54	17,33
	15,00	23,34	17,88
		26,05	20,03
	16,00	31,51	24,51
		36,57	29,00

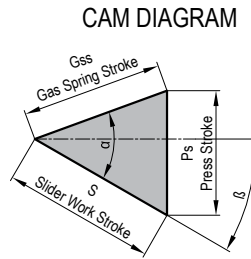

Order Example:
W= 50, $\beta= 5$
Order Code: K802-07-050-05
***Order Example:**
W= 50, $\beta= 5$, GS
Order Code: K802-07-050-05-GS

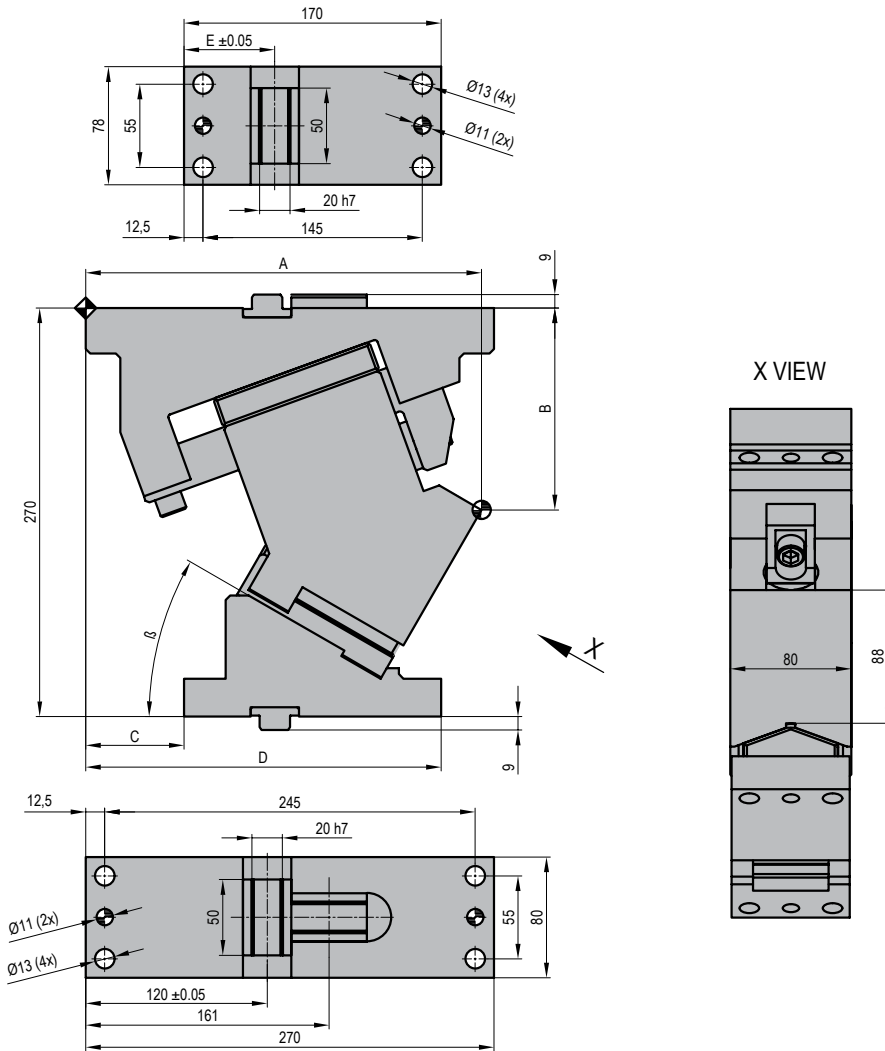


Working Face Width	Stroke	β	A	B	C	D
65	14,98	0°	185,00	67,50	80,00	205,00
	15,62	5°	188,04	68,29	75,00	200,00
	15,64	10°	185,99	69,77	65,00	190,00
	16,96	15°	188,77	71,95	65,00	190,00
	18,43	20°	186,34	74,79	55,00	180,00
	18,00	25°	181,62	80,28	41,00	166,00
	17,36	30°	180,58	85,39	40,00	165,00
	18,87	35°	177,15	90,10	25,00	150,00
	20,57	40°	173,29	95,35	22,50	147,50
	22,54	45°	169,94	98,13	10,00	135,00
	23,34	50°	164,07	99,37	5,00	130,00
	26,05	55°	158,64	111,04	-15,00	110,00
	31,51	60°	152,61	118,08	-25,00	100,00
	36,57	65°	145,95	125,44	-35,00	90,00

*Return Type	
GS	Gas Spring
CS	Coil Spring

α	GSS	S	PS
50°	23,30	14,98	17,85
	22,00	15,62	16,92
	20,10	15,64	15,64
	20,00	16,96	15,86
		18,43	16,30
	18,00	18,00	15,21
	16,00	17,36	14,15
		18,87	14,96
		20,57	16,00
		22,54	17,33
	15,00	23,34	17,88
		26,05	20,03
	16,00	31,51	24,51
		36,57	29,00

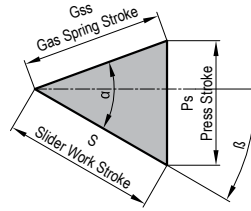

Order Example:
W= 65, β = 5
Order Code: K802-07-065-05
***Order Example:**
W= 65, β = 5, GS
Order Code: K802-07-065-05-GS

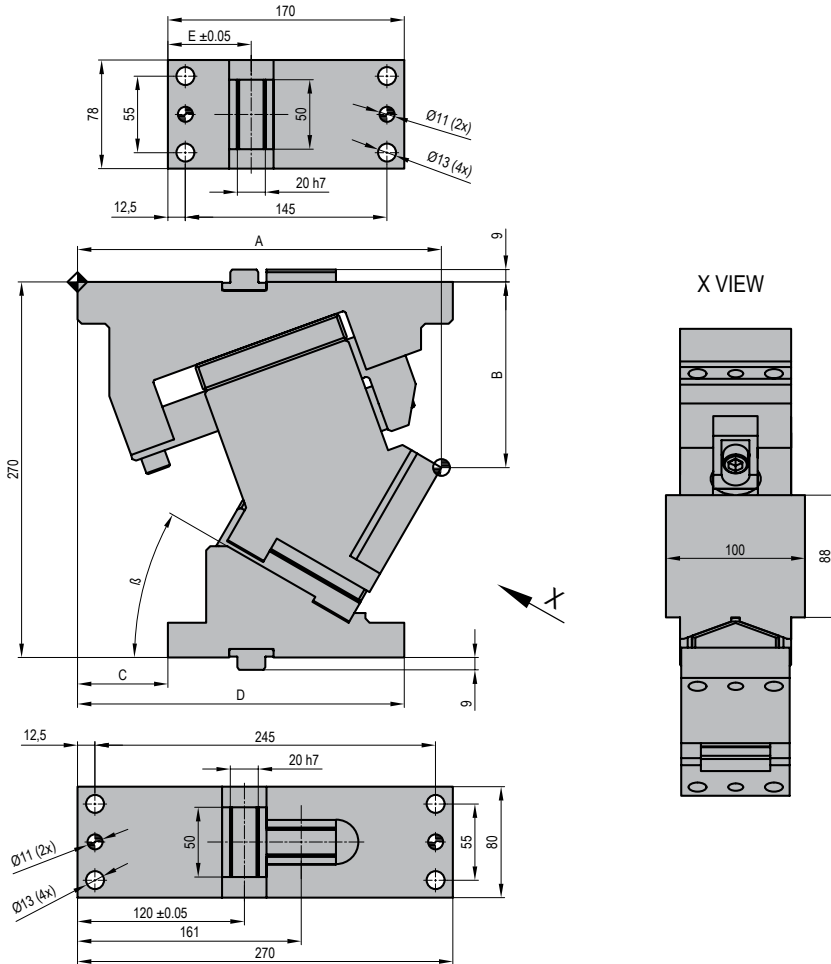


Working Face Width	Stroke	β	A	B	C	D	E
80	30,21	0°	277,00	110,00	135,00	305,00	65,00
	30,52	5°	278,32	115,67	125,00	295,00	65,00
	31,11	10°	274,54	117,32	110,00	280,00	65,00
	33,92	15°	277,58	119,95	105,00	275,00	55,00
	32,26	20°	273,34	123,52	95,00	265,00	55,00
	35,00	25°	268,75	128,03	80,00	250,00	55,00
	34,72	30°	261,73	133,42	65,00	235,00	60,00
	37,73	35°	258,20	139,66	55,00	225,00	60,00
	39,85	40°	245,09	146,70	35,00	205,00	50,00
	43,67	45°	245,34	154,49	30,00	200,00	50,00
	46,67	50°	225,87	162,97	5,00	175,00	50,00
	53,84	55°	229,64	172,07	0,00	170,00	60,00
	61,06	60°	208,58	181,73	-20,00	150,00	50,00
	70,85	65°	203,67	191,87	-30,00	140,00	50,00

*Return Type	
GS	Gas Spring
CS	Coil Spring

α	GSS	S	PS
50°	47,00	30,21	36,00
	43,00	30,52	33,07
	40,00	31,11	31,11
		33,92	31,72
	35,00	32,26	28,53
		35,00	29,58
	32,00	34,72	28,31
		37,73	29,93
	31,00	39,85	31,00
		43,67	33,58
	30,00	46,67	35,75
	31,00	53,84	41,40
		61,06	47,49
		70,85	56,19

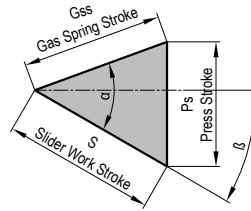
CAM DIAGRAM

Order Example:
W= 80, β = 5
Order Code: K802-07-080-05
***Order Example:**
W= 80, β = 5, GS
Order Code: K802-07-080-05-GS

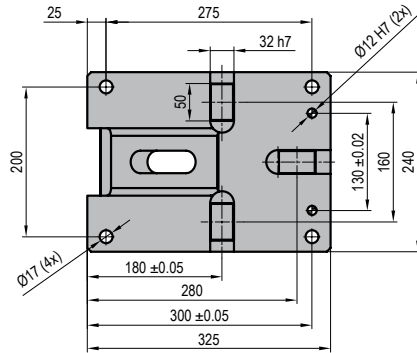
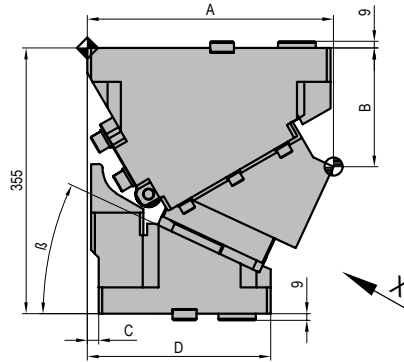
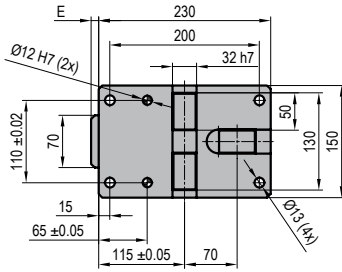


Working Face Width	Stroke	β	A	B	C	D	E
100	30,21	0°	277,00	110,00	135,00	305,00	65,00
	30,52	5°	278,32	115,67	125,00	295,00	65,00
	31,11	10°	274,54	117,32	110,00	280,00	65,00
	33,92	15°	277,58	119,95	105,00	275,00	55,00
	32,26	20°	273,34	123,52	95,00	265,00	55,00
	35,00	25°	268,75	128,03	80,00	250,00	55,00
	34,72	30°	261,73	133,42	65,00	235,00	60,00
	37,73	35°	258,20	139,66	55,00	225,00	60,00
	39,85	40°	245,09	146,70	35,00	205,00	50,00
	43,67	45°	245,34	154,49	30,00	200,00	50,00
	46,67	50°	225,87	162,97	5,00	175,00	50,00
	53,84	55°	229,64	172,07	0,00	170,00	60,00
	61,06	60°	208,58	181,73	-20,00	150,00	50,00
	70,85	65°	203,67	191,87	-30,00	140,00	50,00

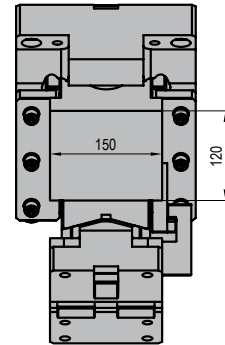
*Return Type	
GS	Gas Spring
CS	Coil Spring

α	GSS	S	PS
50°	47,00	30,21	36,00
	43,00	30,52	33,07
	40,00	31,11	31,11
		33,92	31,72
	35,00	32,26	28,53
		35,00	29,58
	32,00	34,72	28,31
		37,73	29,93
	31,00	39,85	31,00
		43,67	33,58
	30,00	46,67	35,75
	31,00	53,84	41,40
		61,06	47,49
		70,85	56,19

CAM DIAGRAM

Order Example:
W= 100, β = 5
Order Code: K802-07-100-05
***Order Example:**
W= 100, β = 5, GS
Order Code: K802-07-100-05-GS



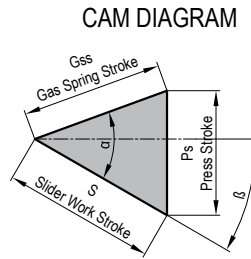
X VIEW

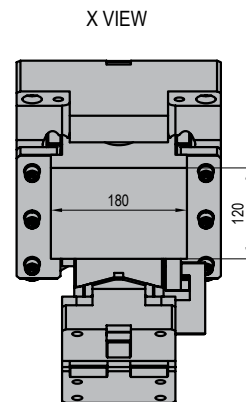
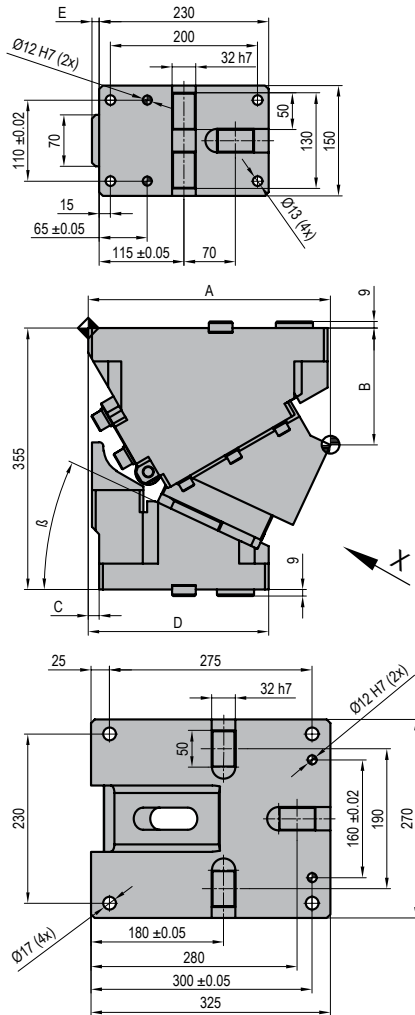


Working Face Width	Stroke	β	A	B	C	D	E
150	28,68	0°	325,00	130,00	80,00	310,00	25,00
	32,26	5°	319,70	133,26	60,00	290,00	25,00
	35,90	10°	319,06	137,79	45,00	275,00	25,00
	39,65	15°	322,98	143,56	35,00	265,00	20,00
	43,59	20°	326,33	150,51	25,00	255,00	15,00
	47,78	25°	329,03	158,61	15,00	245,00	10,00
	52,33	30°	325,98	167,78	0,00	230,00	0,00
	57,36	35°	322,08	192,95	-15,00	215,00	0,00
	63,05	40°	312,26	204,06	-35,00	195,00	0,00
	69,64	45°	306,42	216,01	-50,00	180,00	0,00
	77,49	50°	294,51	228,71	-70,00	160,00	0,00
	87,17	55°	281,46	242,07	-90,00	140,00	0,00
	99,62	60°	272,22	255,98	-105,00	125,00	0,00
	116,51	65°	261,75	270,34	-120,00	110,00	0,00

*Return Type	
GS	Gas Spring
CS	Coil Spring

α	GSS	S	PS
50°	50,00	28,68	40,96
		32,26	41,11
		35,90	41,59
		39,65	42,40
		43,59	43,59
		47,78	45,19
		52,33	47,29
		57,36	50,00
		63,05	53,47
		69,64	57,92
		77,49	63,72
		87,17	71,41
		99,62	81,92
		116,51	96,91

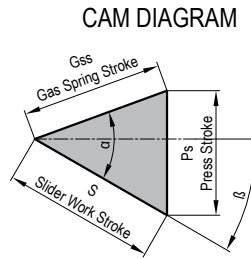

Order Example:
W= 150, β = 5
Order Code: K802-07-150-05
***Order Example:**
W= 150, β = 5, GS
Order Code: K802-07-150-05-GS

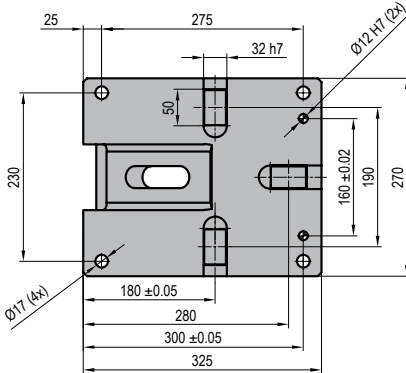
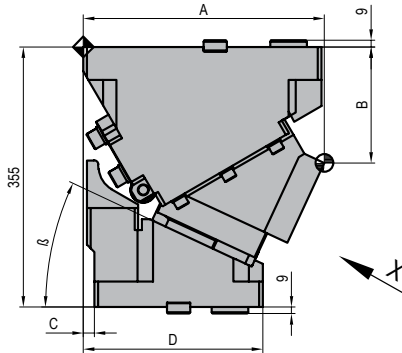
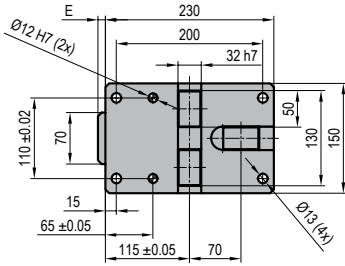


Working Face Width	Stroke	β	A	B	C	D	E
180	28,68	0°	325,00	130,00	80,00	310,00	25,00
	32,26	5°	319,70	133,26	60,00	290,00	25,00
	35,90	10°	319,06	137,79	45,00	275,00	25,00
	39,65	15°	322,98	143,56	35,00	265,00	20,00
	43,59	20°	326,33	150,51	25,00	255,00	15,00
	47,78	25°	329,03	158,61	15,00	245,00	10,00
	52,33	30°	325,98	167,78	0,00	230,00	0,00
	57,36	35°	322,08	192,95	-15,00	215,00	0,00
	63,05	40°	312,26	204,06	-35,00	195,00	0,00
	69,64	45°	306,42	216,01	-50,00	180,00	0,00
	77,49	50°	294,51	228,71	-70,00	160,00	0,00
	87,17	55°	281,46	242,07	-90,00	140,00	0,00
	99,62	60°	272,22	255,98	-105,00	125,00	0,00
	116,51	65°	261,75	270,34	-120,00	110,00	0,00

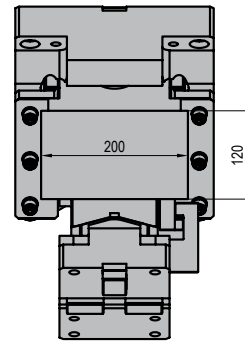
*Return Type	
GS	Gas Spring
CS	Coil Spring

α	GSS	S	PS
50°	50,00	28,68	40,96
		32,26	41,11
		35,90	41,59
		39,65	42,40
		43,59	43,59
		47,78	45,19
		52,33	47,29
		57,36	50,00
		63,05	53,47
		69,64	57,92
		77,49	63,72
		87,17	71,41
		99,62	81,92
		116,51	96,91


Order Example:
W= 180, β = 5
Order Code: K802-07-180-05
***Order Example:**
W= 180, β = 5, GS
Order Code: K802-07-180-05-GS



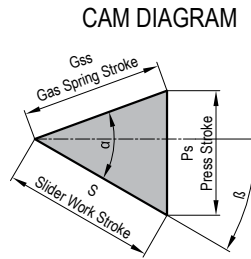
X VIEW

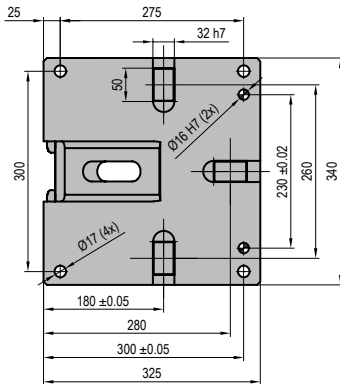
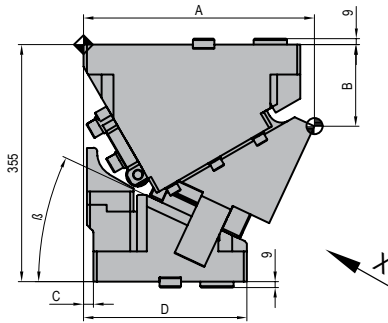
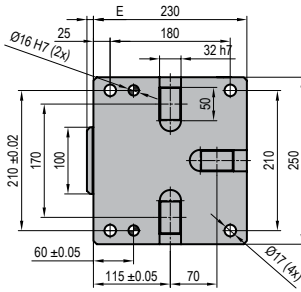


Working Face Width	Stroke	β	A	B	C	D	E
200	28,68	0°	325,00	130,00	80,00	310,00	25,00
	32,26	5°	319,70	133,26	60,00	290,00	25,00
	35,90	10°	319,06	137,79	45,00	275,00	25,00
	39,65	15°	322,98	143,56	35,00	265,00	20,00
	43,59	20°	326,33	150,51	25,00	255,00	15,00
	47,78	25°	329,03	158,61	15,00	245,00	10,00
	52,33	30°	325,98	167,78	0,00	230,00	0,00
	57,36	35°	322,08	192,95	-15,00	215,00	0,00
	63,05	40°	312,26	204,06	-35,00	195,00	0,00
	69,64	45°	306,42	216,01	-50,00	180,00	0,00
	77,49	50°	294,51	228,71	-70,00	160,00	0,00
	87,17	55°	281,46	242,07	-90,00	140,00	0,00
	99,62	60°	272,22	255,98	-105,00	125,00	0,00
	116,51	65°	261,75	270,34	-120,00	110,00	0,00

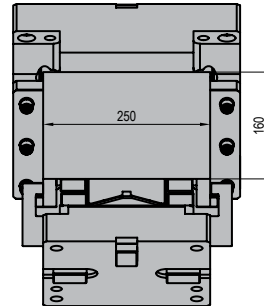
*Return Type	
GS	Gas Spring
CS	Coil Spring

α	GSS	S	PS
50°	50,00	28,68	40,96
		32,26	41,11
		35,90	41,59
		39,65	42,40
		43,59	43,59
		47,78	45,19
		52,33	47,29
		57,36	50,00
		63,05	53,47
		69,64	57,92
		77,49	63,72
		87,17	71,41
		99,62	81,92
		116,51	96,91


Order Example:
W= 200, β = 5
Order Code: K802-07-200-05
***Order Example:**
W= 200, β = 5, GS
Order Code: K802-07-200-05-GS



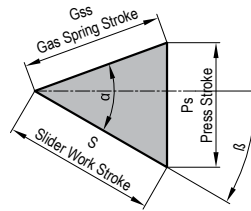
X VIEW

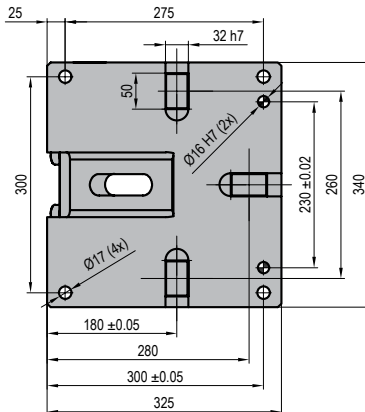
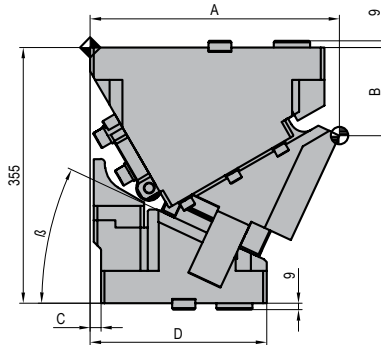
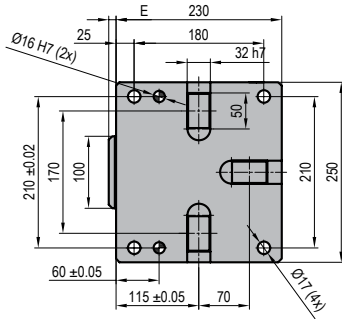


Working Face Width	Stroke	β	A	B	C	D	E
250	28,68	0°	325,00	90,00	80,00	310,00	25,00
	32,26	5°	323,19	93,41	60,00	290,00	25,00
	35,90	10°	326,01	98,40	45,00	275,00	25,00
	39,65	15°	333,33	104,92	35,00	265,00	20,00
	43,59	20°	340,02	112,93	25,00	255,00	15,00
	47,78	25°	345,94	122,35	15,00	245,00	10,00
	52,33	30°	345,98	133,14	0,00	230,00	0,00
	57,36	35°	345,03	160,19	-15,00	215,00	0,00
	63,05	40°	337,97	173,42	-35,00	195,00	0,00
	69,64	45°	334,71	187,72	-50,00	180,00	0,00
	77,49	50°	325,15	202,99	-70,00	160,00	0,00
	87,17	55°	314,23	219,12	-90,00	140,00	0,00
	99,62	60°	306,86	235,98	-105,00	125,00	0,00
	116,51	65°	298,00	253,44	-120,00	110,00	0,00

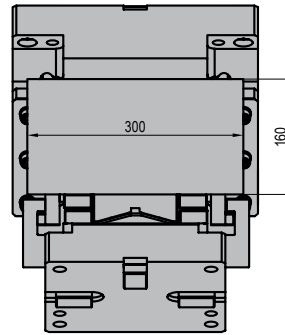
*Return Type	
GS	Gas Spring
CS	Coil Spring

α	GSS	S	PS
50°	50,00	28,68	40,96
		32,26	41,11
		35,90	41,59
		39,65	42,40
		43,59	43,59
		47,78	45,19
		52,33	47,29
		57,36	50,00
		63,05	53,47
		69,64	57,92
		77,49	63,72
		87,17	71,41
		99,62	81,92
		116,51	96,91

CAM DIAGRAM

Order Example:
W= 250, β = 5
Order Code: K802-07-250-05
***Order Example:**
W= 250, β = 5, GS
Order Code: K802-07-250-05-GS



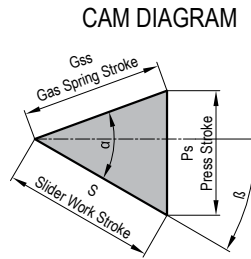
X VIEW

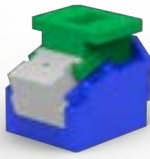


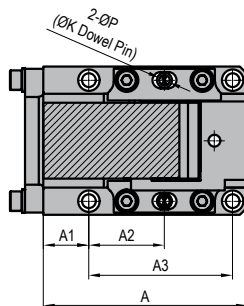
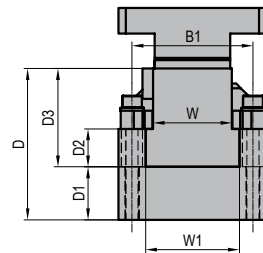
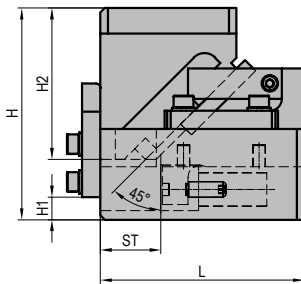
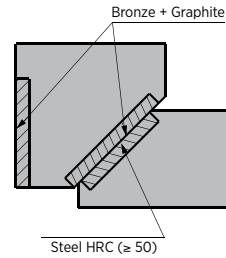
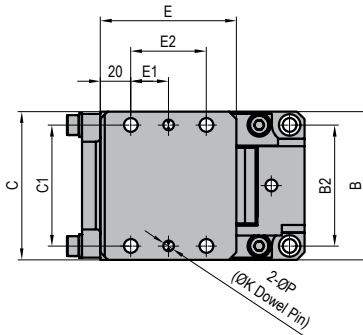
Working Face Width	Stroke	β	A	B	C	D	E
300	28,68	0°	325,00	90,00	80,00	310,00	25,00
	32,26	5°	323,19	93,41	60,00	290,00	25,00
	35,90	10°	326,01	98,40	45,00	275,00	25,00
	39,65	15°	333,33	104,92	35,00	265,00	20,00
	43,59	20°	340,02	112,93	25,00	255,00	15,00
	47,78	25°	345,94	122,35	15,00	245,00	10,00
	52,33	30°	345,98	133,14	0,00	230,00	0,00
	57,36	35°	345,03	160,19	-15,00	215,00	0,00
	63,05	40°	337,97	173,42	-35,00	195,00	0,00
	69,64	45°	334,71	187,72	-50,00	180,00	0,00
	77,49	50°	325,15	202,99	-70,00	160,00	0,00
	87,17	55°	314,23	219,12	-90,00	140,00	0,00
	99,62	60°	306,86	235,98	-105,00	125,00	0,00
	116,51	65°	298,00	253,44	-120,00	110,00	0,00

*Return Type	
GS	Gas Spring
CS	Coil Spring

α	GSS	S	PS
50°	50,00	28,68	40,96
		32,26	41,11
		35,90	41,59
		39,65	42,40
		43,59	43,59
		47,78	45,19
		52,33	47,29
		57,36	50,00
		63,05	53,47
		69,64	57,92
		77,49	63,72
		87,17	71,41
		99,62	81,92
		116,51	96,91


Order Example:
W= 300, β = 5
Order Code: K802-07-300-05
***Order Example:**
W= 300, β = 5, GS
Order Code: K802-07-300-05-GS

Type	Catalog No:	Mounting Face		Working Angle	Stroke	Overall Width	Shut Height	Working Force (kN)	Spring Force (N)		Return Force (N)	Return Spring	QTY	Weight (kg)			
		Width	Height					Changeable Wear Plate	Initial	Final		Spring (Special Spring)					
	K803-01-52-25	52	65	0	25	98	140	23	144,3	595,3	3060	*SF20-70	2	8			
	K803-01-52-40				40				98	140	23	101,0		605,8	3120	*SF20-100	
	K803-01-52-60				60				109,5	614,7	3170	*SF20-150		14			
	K803-01-65-40	65	70		40	130	160	40	125,4	752,6	3120	*SF22-100		20			
	K803-01-65-60				60				136,0	763,6	3170	*SF22-150		21			
	K803-01-100-40				40				188,0	1130,9	4600	RV320-050C		37			
	K803-01-100-60	100	100		60	175	200	70	204,1	1146,1	5900	RV320-063C		38			
	K803-01-100-80				80				169,9	1302,7	6800	RV320-080C		44			
	K803-01-150-40	150			40	260	220	125	306,9	1841,3	5700	RV320-050C	3	63			
	K803-01-150-60				60				332,5	1867,3	5900	RV320-063C		69			
	K803-01-200-40				40				310	240	170	460,3		2761,9	8600	RV320-050C	82
	K803-01-200-60	60	498,8		2801,0	10100	RV320-063C	84									
	K803-01-250-40	250	130		40	360	270	200	601,7	3610,1	8600	RV320-050C		107			
	K803-01-250-60				60				651,7	3659,4	9400	RV320-063C		126			
	K803-01-300-40	300				40	410	210		601,7	3610,1	8600	RV350-050B	129			
	K803-01-300-60		60			651,7				3659,4	9400	RV350-063B	135				
	K803-01-400-60		400			150				60	525	250	450	301,0	9332,2	25200	RV350-063B



Working Face Width (W)	Stroke (ST)	B	L	H	D	D1	D2	D3	W1	H1	H2	A	A1	A2	A3	B1	B2	C	C1	E	E1	E2	P	K
52	25	98	120	140	100	35	25	65	62	15	90	120	30	40	80	80	80	98	80	80	20	40	7	8
	40		135								100	135		50	95					90	25	50		
	60		180								120	180		25	140					110	35	70		
65	40	130	140	160	115	40	30	70	80	30	110	145	30	50	100	105	105	130	105	100	30	60	9	10
	60		190								130	180		40	65					110	35	70		
100	40	175	190	200	150	40	40	100	120	20	140	190	45	60	130	140	150	165	140	120	40	80	11	12
	60		210								160	200		90	160					140	50	100		
	80		250								10	170		90	160					150	55	110		
150	40	260	190	220	170	60	40	100	180	45	140	190	45	60	125	210	220	230	200	120	40	80	15	16
	60		210								160	200		65	135					140	50	100		
200	40	310	200	240	180	60	40	110	230	40	160	200	45	65	135	260	270	280	250	130	45	90	15	16
	60		220								180	210		75	145					150	55	110		
250	40	360	210	270	210	60	50	130	280	50	170	200	45	60	135	310	320	330	300	140	50	100	15	16
	60		230								190	220		80	155					160	60	120		
300	40	410	210	270	210	60	50	130	330	50	170	200	45	60	135	360	370	380	350	140	50	100	15	16
	60		230								190	220		80	155					160	60	120		

Mounting Method

N: K H7 Dowel hole is drilled on the cam holder.

*: Coil Spring (CS)

*Order Example:

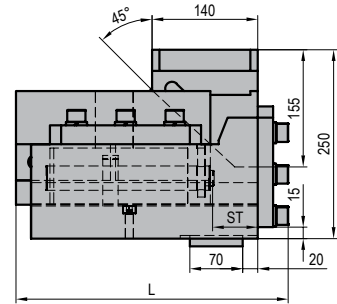
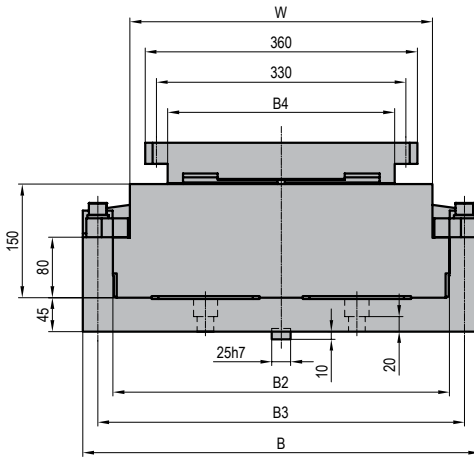
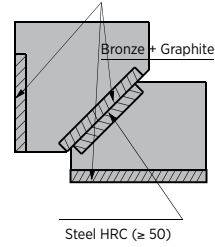
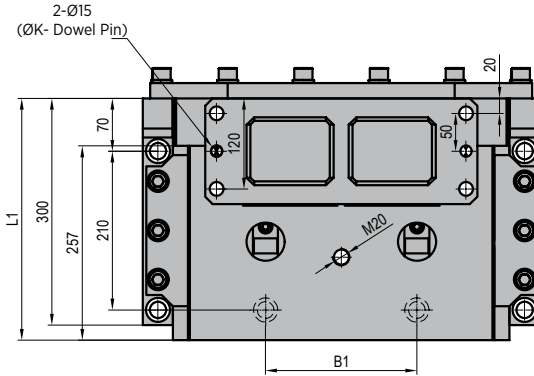
W= Only 52 and 65, ST= 40, CS

Order Code: K803-01-52-40-N-CS

Order Example:

W= 100, ST= 40, GS

Order Code: K803-01-100-40-N-GS



Mounting Method

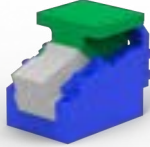
N: K H7 Dowel hole is drilled on the cam holder.

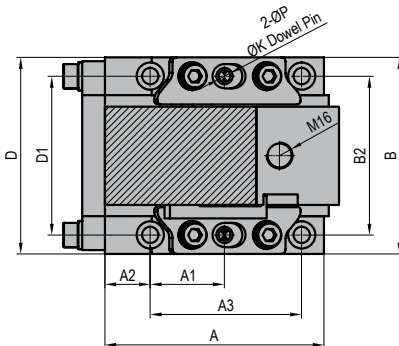
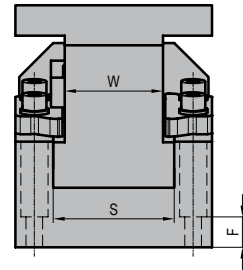
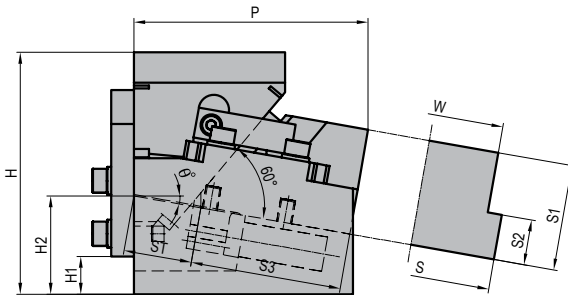
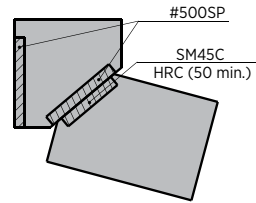
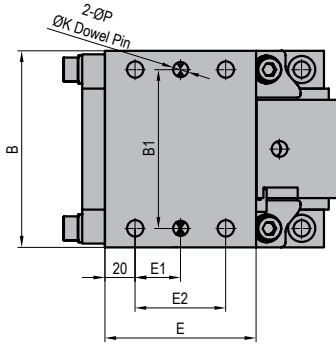
Working Face Width (W)	Stroke (ST)	L	L1	B	B1	B2	B3	B4	K
400	60	356	320	525	200	445	485	300	Ø16

Order Example:

W= 400, ST= 60, GS

Order Code: K803-01-400-60-N-GS

Type	Catalog No:	Mounting Face		Working Angle	Stroke	Overall Width	Shut Height	Working Force (kN)	Spring Force (N)		Spring (Special Spring)	Q'TY	Weight (kg)
		Width	Height					Changeable Wear Plate	Initial	Final			
	K803-02-65-45-05	65	70	5	45	130	155	35	180	760	*SF22-125	2	19
	K803-02-65-45-10			10			160						20
	K803-02-65-45-15			15			165						21
	K803-02-65-45-20			20			170						22
	K803-02-65-45-30			30			180						23
	K803-02-65-70-05			5	70		170		140	930	*SF25-175		20
	K803-02-65-70-10			10									22
	K803-02-65-70-15			15									23
	K803-02-65-70-20			20									34
	K803-02-65-70-30			30									35
	K803-02-100-45-05	100	90	5	45	175	200	60	270	1130	RV170-050C		39
	K803-02-100-45-10			10									40
	K803-02-100-45-15			15									65
	K803-02-100-45-20			20									66
	K803-02-100-45-30			30									68
	K803-02-100-70-05			5	70				200	1170	RV170-075C		74
	K803-02-100-70-10			10									76
	K803-02-100-70-15			15									78
	K803-02-100-70-20			20									
	K803-02-100-70-30			30									
	K803-02-150-45-05	150	100	5	45	260	215	100	440	1850	RV320-050C		65
	K803-02-150-45-10			10									66
	K803-02-150-45-15			15									68
	K803-02-150-45-20			20									74
	K803-02-150-45-30			30									76
	K803-02-150-70-05			5	70		220		310	1880	RV320-075C		78
	K803-02-150-70-10			10									
	K803-02-150-70-15			15									
	K803-02-150-70-20			20									
	K803-02-150-70-30			30									



Working Face Width (W)	Stroke (ST)	Ø	P	B	H	D	S	S1	S2	S3	H1	H2	B1	B2	A	A1	A2	A3	D1	E	E1	F	ØP	ØK
65	45	5	150,5		155						20	55				50								
		10	155,5		160						25	65				49								
		15	158,2	130	165	130	80	70	30	100	30	75	105	105	145		30	100	105	100	30,0	20		
		20	160,2		170						35	85				50								
		30	160,6		180						55	105												
	70	5	195,5								30	65								95	27,5		9	10
		10	199,4									75								100	30,0			
		15	201,8	130	170	130	80	70	30	120	35	85	105	105	180	25	40	125	105	105	32,5	20		
		20	202,5								45	95								110	35,0			
		30	199,7								55	115								120	40,0			
100	45	5	172,2								35	68								95	27,5			
		10	178,1									75								100	30,0			
		15	182,7	175	200	165	120	90	40	120	40	82	140	150	160	50	40	105	140	105	32,5	25		
		20	185,8								60	90								110	35,0			
		30	187,9									105								120	40,0			
	70	5	207,1								35	68								115	37,5		11	12
		10	212,6									80								120	40,0			
		15	216,5	175	200	165	120	90	40	130	50	92	150	150	190	25	45	130	140	125	42,5	25		
		20	218,7									105								130	45,0			
		30	218,2								80	130								140	50,0			
150	45	5	193,0								25	75								105	32,5			
		10	199,6								30	85								110	35,0			
		15	204,6	260	220	230	180	100	40	140	35	95	210	220	190	60	45	125	200	115	37,5	30		
		20	208,0								30	105								120	40,0			
		30	210,2								50	125								130	45,0			
	70	5	217,9		215						20	70								125	42,5		15	16
		10	224,2		220						30	90								130	45,0			
		15	228,7	260	225	230	180	100	40	140	40	105	210	220	200	75	45	135	200	135	47,5	30		
		20	231,5		230						45	115								140	50,0			
		30	231,8		240						70	140								150	55,0			

Mounting Method

N: Pin hole (ØK H7)

*: Coil Spring (CS)

*Order Example:

W= Only 65, ST= 45, CS

Order Code: K803-02-65-45-N-CS

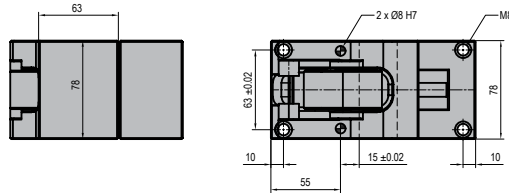
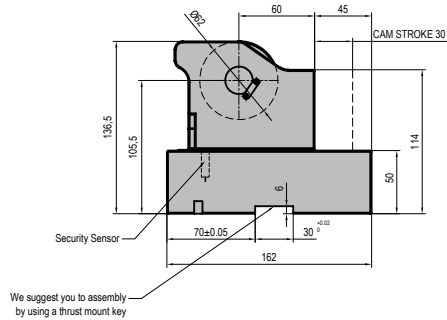
Order Example:

W= 100, ST= 45, GS

Order Code: K803-02-100-45-N-GS

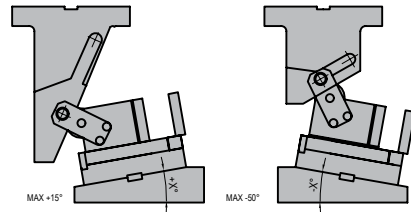


Initial Extraction Force = **250 daN**
Cutting Max Force = **4500 daN**

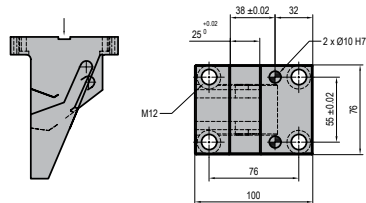


CODE	Inclination	Qty
RC12-0062-000	0	1*Option
RC12-0062-105	+5	1*Option
RC12-0062-110	+10	1*Option
RC12-0062-115	+15	1*Option
RC12-0062-205	-5	1*Option
RC12-0062-210	-10	1*Option
RC12-0062-215	-15	1*Option
RC12-0062-220	-20	1*Option
RC12-0062-225	-25	1*Option
RC12-0062-230	-30	1*Option
RC12-0062-235	-35	1*Option
RC12-0062-240	-40	1*Option
RC12-0062-245	-45	1*Option
RC12-0062-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



WEDGE



SENSOR



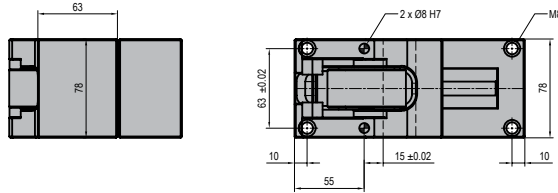
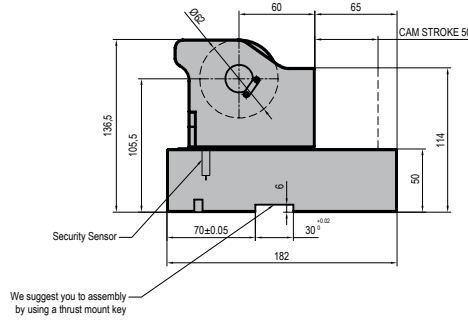
Order Example:
Cam Roller= RC12 P162078 001

Inclination= $+10^\circ$

Option Code= RC12-09003-0002

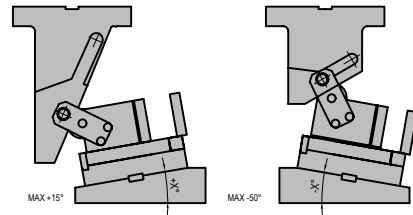


Initial Extraction Force = **340 daN**
Cutting Max Force = **4500 daN**

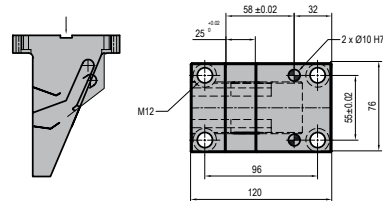


CODE	Inclination	Qty
RC12-0082-000	0	1*Option
RC12-0082-105	+5	1*Option
RC12-0082-110	+10	1*Option
RC12-0082-115	+15	1*Option
RC12-0082-205	-5	1*Option
RC12-0082-210	-10	1*Option
RC12-0082-215	-15	1*Option
RC12-0082-220	-20	1*Option
RC12-0082-225	-25	1*Option
RC12-0082-230	-30	1*Option
RC12-0082-235	-35	1*Option
RC12-0082-240	-40	1*Option
RC12-0082-245	-45	1*Option
RC12-0082-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



WEDGE



SENSOR



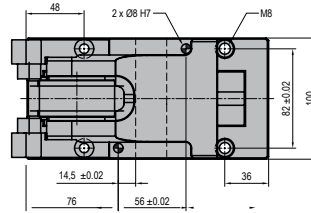
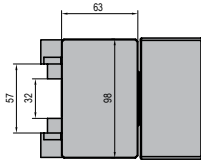
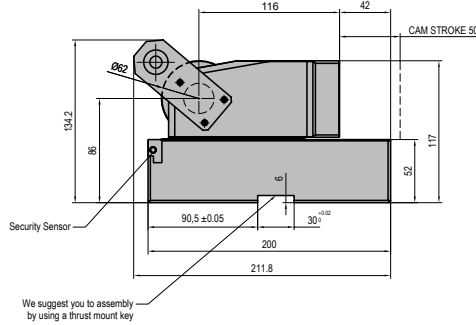
Order Example:
Cam Roller= RC12 P182078 001

Inclination= +10°

Option Code= RC12-09003-0002

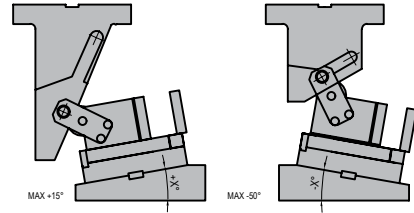


Initial Extraction Force = **340 daN**
Cutting Max Force = **7600 daN**

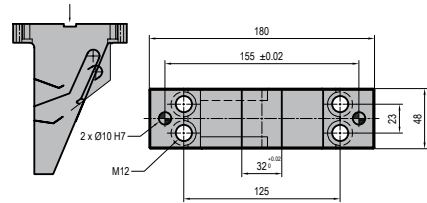


CODE	Inclination	Qty
RC12-0000-000	0	1*Option
RC12-0000-105	+5	1*Option
RC12-0000-110	+10	1*Option
RC12-0000-115	+15	1*Option
RC12-0000-205	-5	1*Option
RC12-0000-210	-10	1*Option
RC12-0000-215	-15	1*Option
RC12-0000-220	-20	1*Option
RC12-0000-225	-25	1*Option
RC12-0000-230	-30	1*Option
RC12-0000-235	-35	1*Option
RC12-0000-240	-40	1*Option
RC12-0000-245	-45	1*Option
RC12-0000-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



WEDGE



SENSOR



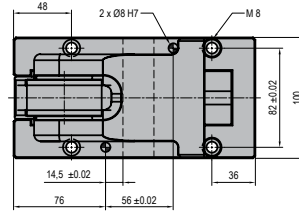
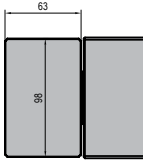
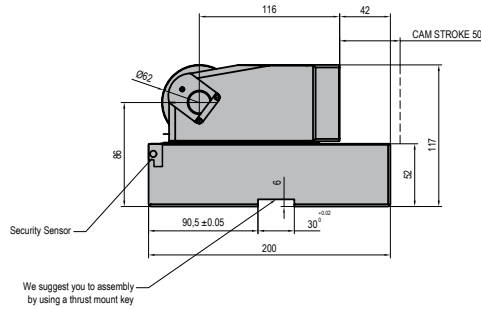
Order Example:
Cam Roller= RC12 P200100 001

Inclination= +10°

Option Code= RC12-09003-0002

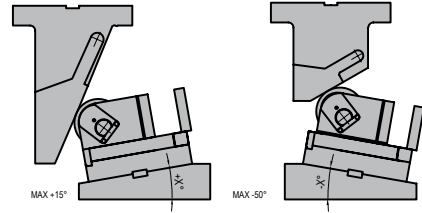


Initial Extraction Force = **340 daN**
Cutting Max Force = **7600 daN**

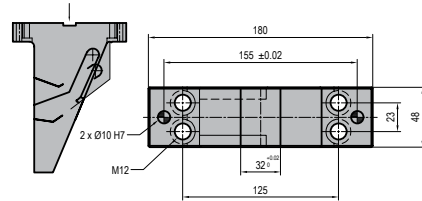


CODE	Inclination	Qty
RC12-0000-000	0	1*Option
RC12-0000-105	+5	1*Option
RC12-0000-110	+10	1*Option
RC12-0000-115	+15	1*Option
RC12-0000-205	-5	1*Option
RC12-0000-210	-10	1*Option
RC12-0000-215	-15	1*Option
RC12-0000-220	-20	1*Option
RC12-0000-225	-25	1*Option
RC12-0000-230	-30	1*Option
RC12-0000-235	-35	1*Option
RC12-0000-240	-40	1*Option
RC12-0000-245	-45	1*Option
RC12-0000-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



WEDGE



SENSOR



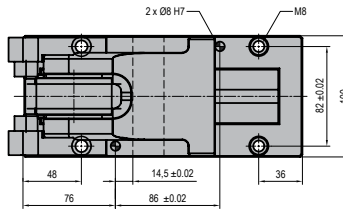
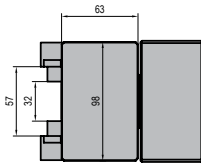
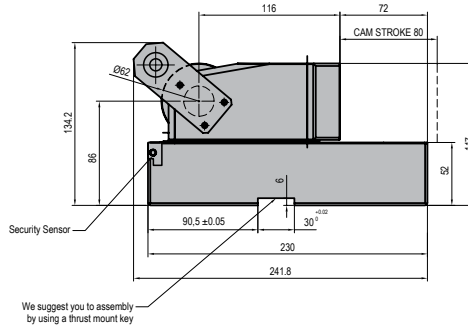
Order Example:
Cam Roller= RC12 K200100 001

Inclination= +10°

Option Code= RC12-09003-0002

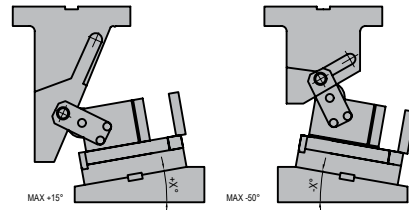


Initial Extraction Force = **340 daN**
Cutting Max Force = **7600 daN**

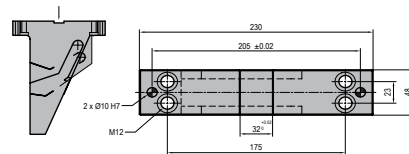


CODE	Inclination	Qty
RC12-0030-000	0	1*Option
RC12-0030-105	+5	1*Option
RC12-0030-110	+10	1*Option
RC12-0030-115	+15	1*Option
RC12-0030-205	-5	1*Option
RC12-0030-210	-10	1*Option
RC12-0030-215	-15	1*Option
RC12-0030-220	-20	1*Option
RC12-0030-225	-25	1*Option
RC12-0030-230	-30	1*Option
RC12-0030-235	-35	1*Option
RC12-0030-240	-40	1*Option
RC12-0030-245	-45	1*Option
RC12-0030-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



WEDGE



SENSOR



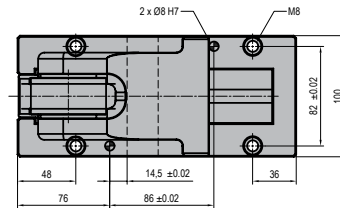
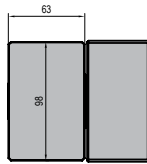
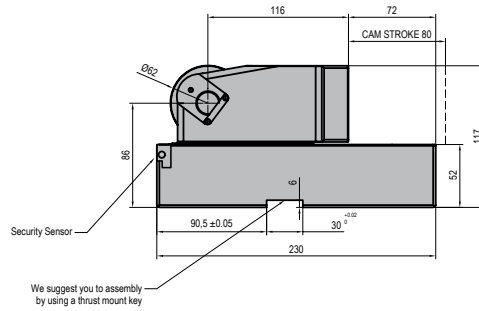
Order Example:
Cam Roller= RC12 P230100 001

Inclination= +10°

Option Code= RC12-09003-0002

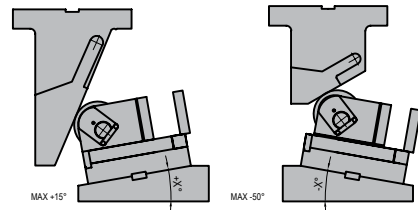


Initial Extraction Force = **340 daN**
 Cutting Max Force = **7600 daN**

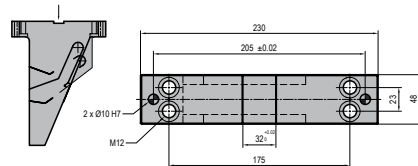


CODE	Inclination	Qty
RC12-0030-000	0	1*Option
RC12-0030-105	+5	1*Option
RC12-0030-110	+10	1*Option
RC12-0030-115	+15	1*Option
RC12-0030-205	-5	1*Option
RC12-0030-210	-10	1*Option
RC12-0030-215	-15	1*Option
RC12-0030-220	-20	1*Option
RC12-0030-225	-25	1*Option
RC12-0030-230	-30	1*Option
RC12-0030-235	-35	1*Option
RC12-0030-240	-40	1*Option
RC12-0030-245	-45	1*Option
RC12-0030-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



WEDGE



SENSOR



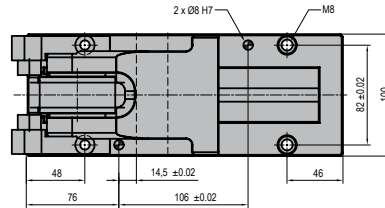
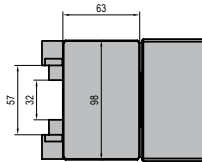
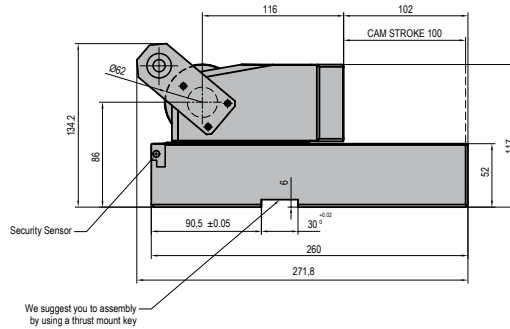
Order Example:
 Cam Roller= RC12 K230100 001

Inclination= +10°

Option Code= RC12-09003-0002

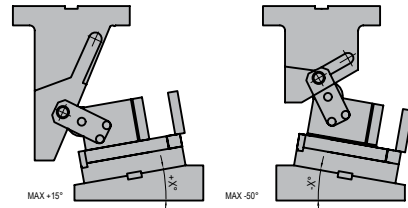


Initial Extraction Force = **360 daN**
Cutting Max Force = **7600 daN**

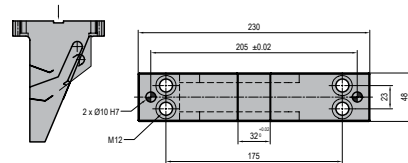


CODE	Inclination	Qty
RC12-0030-000	0	1*Option
RC12-0030-105	+5	1*Option
RC12-0030-110	+10	1*Option
RC12-0030-115	+15	1*Option
RC12-0030-205	-5	1*Option
RC12-0030-210	-10	1*Option
RC12-0030-215	-15	1*Option
RC12-0030-220	-20	1*Option
RC12-0030-225	-25	1*Option
RC12-0030-230	-30	1*Option
RC12-0030-235	-35	1*Option
RC12-0030-240	-40	1*Option
RC12-0030-245	-45	1*Option
RC12-0030-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



WEDGE



SENSOR



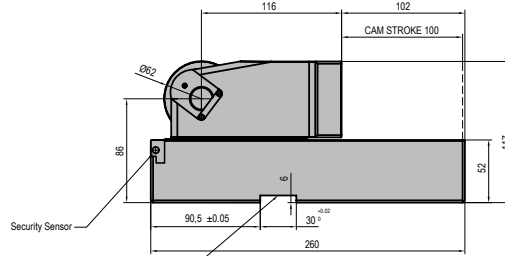
Order Example:
Cam Roller= RC12 P260100 001

Inclination= +10°

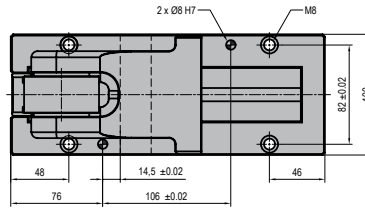
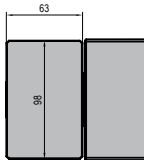
Option Code= RC12-09003-0002



Initial Extraction Force = **360 daN**
 Cutting Max Force = **7600 daN**

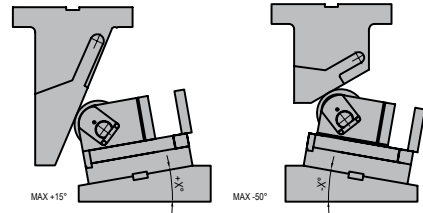


We suggest you to assembly
 by using a thrust mount key

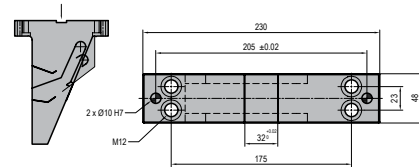


CODE	Inclination	Qty
RC12-0030-000	0	1*Option
RC12-0030-105	+5	1*Option
RC12-0030-110	+10	1*Option
RC12-0030-115	+15	1*Option
RC12-0030-205	-5	1*Option
RC12-0030-210	-10	1*Option
RC12-0030-215	-15	1*Option
RC12-0030-220	-20	1*Option
RC12-0030-225	-25	1*Option
RC12-0030-230	-30	1*Option
RC12-0030-235	-35	1*Option
RC12-0030-240	-40	1*Option
RC12-0030-245	-45	1*Option
RC12-0030-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



WEDGE



SENSOR



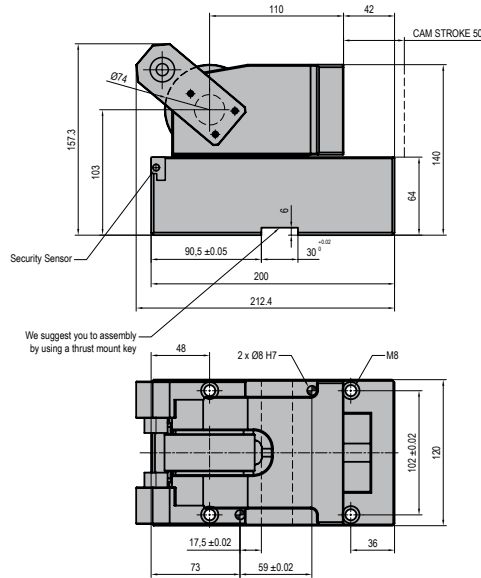
Order Example:
 Cam Roller= RC12 K260100 001

Inclination= +10°

Option Code= RC12-09003-0002

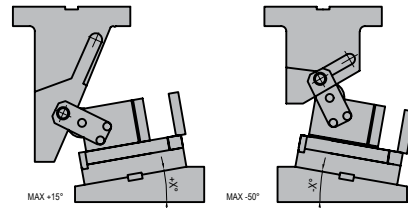


Initial Extraction Force = **636 daN**
Cutting Max Force = **14200 daN**

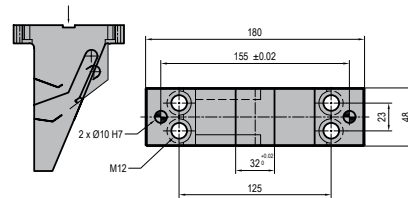


CODE	Inclination	Qty
RC12-0000-000	0	1*Option
RC12-0000-105	+5	1*Option
RC12-0000-110	+10	1*Option
RC12-0000-115	+15	1*Option
RC12-0000-205	-5	1*Option
RC12-0000-210	-10	1*Option
RC12-0000-215	-15	1*Option
RC12-0000-220	-20	1*Option
RC12-0000-225	-25	1*Option
RC12-0000-230	-30	1*Option
RC12-0000-235	-35	1*Option
RC12-0000-240	-40	1*Option
RC12-0000-245	-45	1*Option
RC12-0000-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



WEDGE



SENSOR



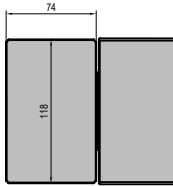
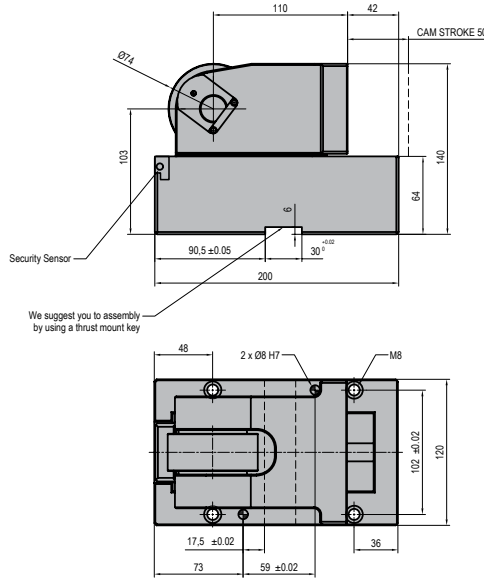
Order Example:
Cam Roller= RC12 P200120 001

Inclination= +10°

Option Code= RC12-09003-0002

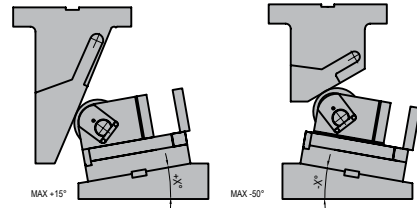


Initial Extraction Force = **643 daN**
Cutting Max Force = **14200 daN**

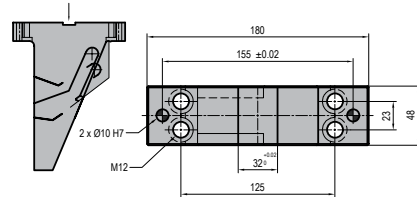


CODE	Inclination	Qty
RC12-0000-000	0	1*Option
RC12-0000-105	+5	1*Option
RC12-0000-110	+10	1*Option
RC12-0000-115	+15	1*Option
RC12-0000-205	-5	1*Option
RC12-0000-210	-10	1*Option
RC12-0000-215	-15	1*Option
RC12-0000-220	-20	1*Option
RC12-0000-225	-25	1*Option
RC12-0000-230	-30	1*Option
RC12-0000-235	-35	1*Option
RC12-0000-240	-40	1*Option
RC12-0000-245	-45	1*Option
RC12-0000-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



WEDGE



SENSOR



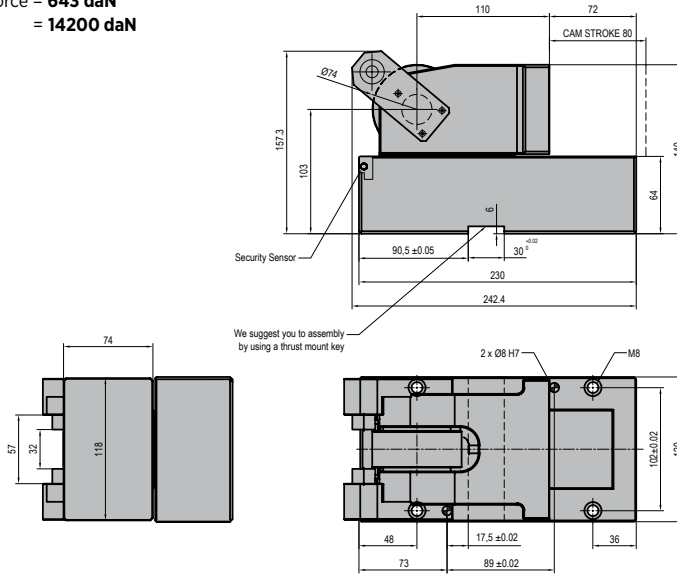
Order Example:
Cam Roller= RC12 K200120 001

Inclination= +10°

Option Code= RC12-09003-0002

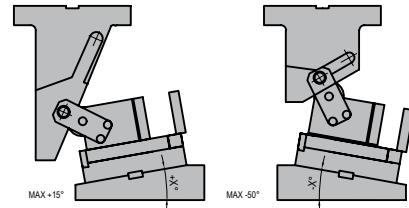


Initial Extraction Force = **643 daN**
Cutting Max Force = **14200 daN**

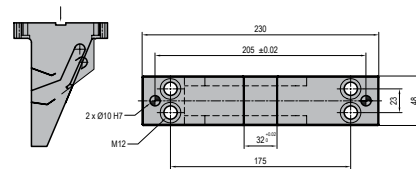


CODE	Inclination	Qty
RC12-0030-000	0	1*Option
RC12-0030-105	+5	1*Option
RC12-0030-110	+10	1*Option
RC12-0030-115	+15	1*Option
RC12-0030-205	-5	1*Option
RC12-0030-210	-10	1*Option
RC12-0030-215	-15	1*Option
RC12-0030-220	-20	1*Option
RC12-0030-225	-25	1*Option
RC12-0030-230	-30	1*Option
RC12-0030-235	-35	1*Option
RC12-0030-240	-40	1*Option
RC12-0030-245	-45	1*Option
RC12-0030-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



WEDGE



SENSOR



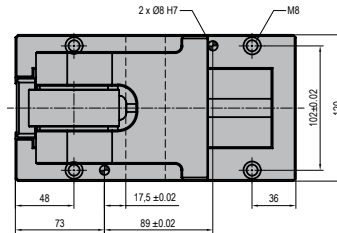
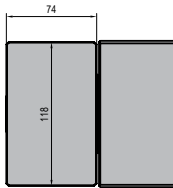
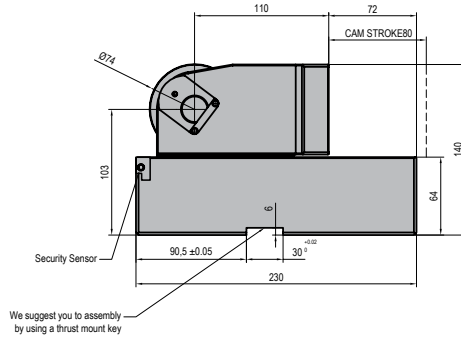
Order Example:
Cam Roller= RC12 P230120 001

Inclination= +10°

Option Code= RC12-09003-0002

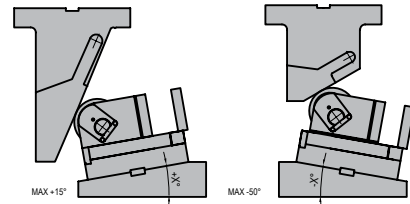


Initial Extraction Force = **643 daN**
Cutting Max Force = **14200 daN**

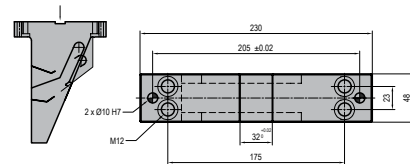


CODE	Inclination	Qty
RC12-0030-000	0	1*Option
RC12-0030-105	+5	1*Option
RC12-0030-110	+10	1*Option
RC12-0030-115	+15	1*Option
RC12-0030-205	-5	1*Option
RC12-0030-210	-10	1*Option
RC12-0030-215	-15	1*Option
RC12-0030-220	-20	1*Option
RC12-0030-225	-25	1*Option
RC12-0030-230	-30	1*Option
RC12-0030-235	-35	1*Option
RC12-0030-240	-40	1*Option
RC12-0030-245	-45	1*Option
RC12-0030-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



WEDGE



SENSOR



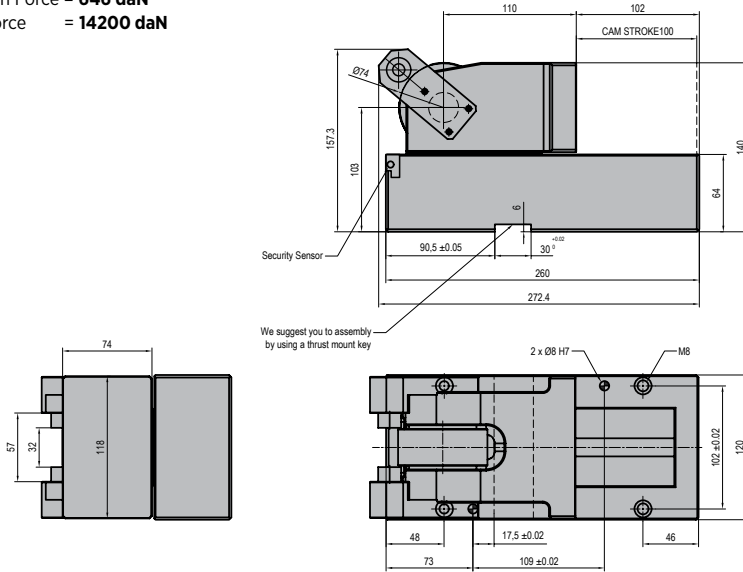
Order Example:
Cam Roller= RC12 K230120 001

Inclination= +10°

Option Code= RC12-09003-0002

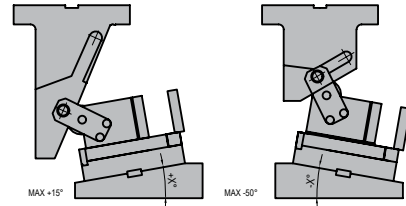


Initial Extraction Force = **646 daN**
Cutting Max Force = **14200 daN**

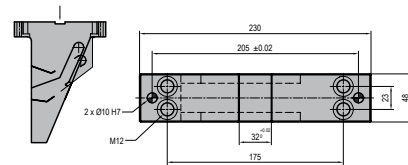


CODE	Inclination	Qty
RC12-0030-000	0	1*Option
RC12-0030-105	+5	1*Option
RC12-0030-110	+10	1*Option
RC12-0030-115	+15	1*Option
RC12-0030-205	-5	1*Option
RC12-0030-210	-10	1*Option
RC12-0030-215	-15	1*Option
RC12-0030-220	-20	1*Option
RC12-0030-225	-25	1*Option
RC12-0030-230	-30	1*Option
RC12-0030-235	-35	1*Option
RC12-0030-240	-40	1*Option
RC12-0030-245	-45	1*Option
RC12-0030-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



WEDGE



SENSOR



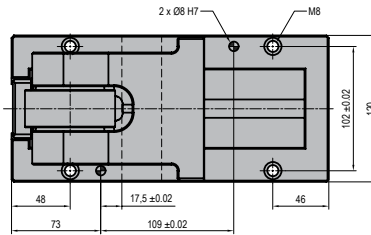
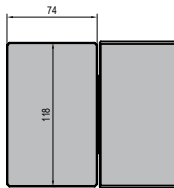
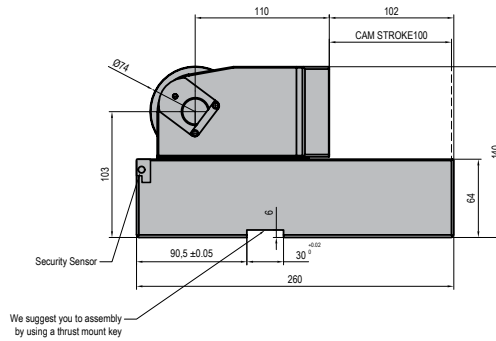
Order Example:
Cam Roller= RC12 P260120 001

Inclination= +10°

Option Code= RC12-09003-0002

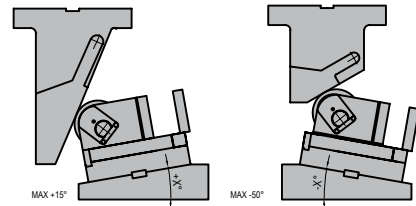


Initial Extraction Force = **646 daN**
Cutting Max Force = **14200 daN**

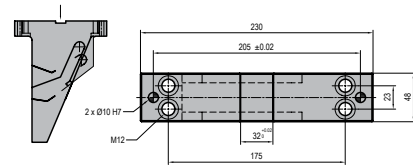


CODE	Inclination	Qty
RC12-0030-000	0	1*Option
RC12-0030-105	+5	1*Option
RC12-0030-110	+10	1*Option
RC12-0030-115	+15	1*Option
RC12-0030-205	-5	1*Option
RC12-0030-210	-10	1*Option
RC12-0030-215	-15	1*Option
RC12-0030-220	-20	1*Option
RC12-0030-225	-25	1*Option
RC12-0030-230	-30	1*Option
RC12-0030-235	-35	1*Option
RC12-0030-240	-40	1*Option
RC12-0030-245	-45	1*Option
RC12-0030-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



WEDGE



SENSOR



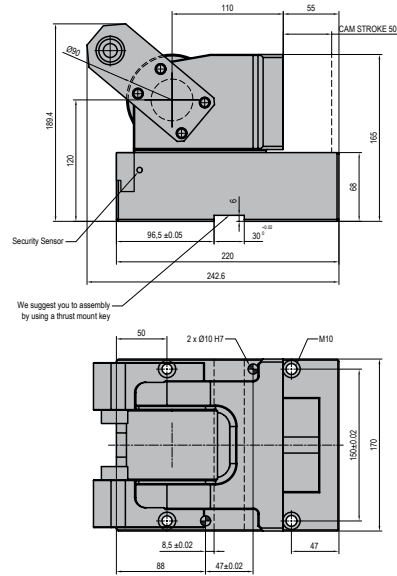
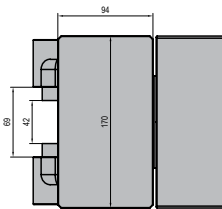
Order Example:
Cam Roller= RC12 K260120 001

Inclination= +10°

Option Code= RC12-09003-0002

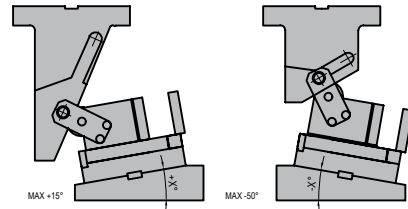


Initial Extraction Force = **645 daN**
Cutting Max Force = **16600 daN**

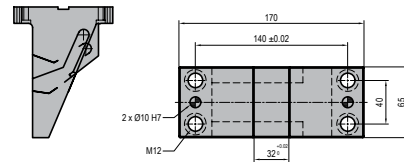


CODE	Inclination	Qty
RC12-0020-000	0	1*Option
RC12-0020-105	+5	1*Option
RC12-0020-110	+10	1*Option
RC12-0020-115	+15	1*Option
RC12-0020-205	-5	1*Option
RC12-0020-210	-10	1*Option
RC12-0020-215	-15	1*Option
RC12-0020-220	-20	1*Option
RC12-0020-225	-25	1*Option
RC12-0020-230	-30	1*Option
RC12-0020-235	-35	1*Option
RC12-0020-240	-40	1*Option
RC12-0020-245	-45	1*Option
RC12-0020-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



WEDGE



SENSOR



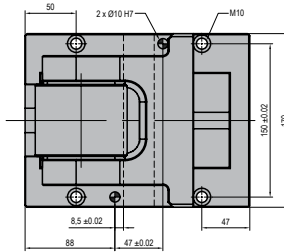
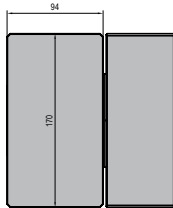
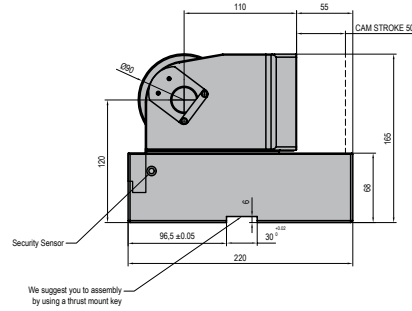
Order Example:
Cam Roller= RC12 P220170 001

Inclination= +10°

Option Code= RC12-09003-0002

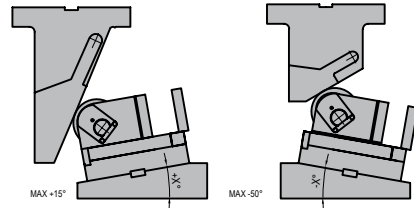


Initial Extraction Force = **645 daN**
Cutting Max Force = **16600 daN**

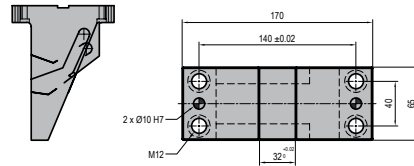


CODE	Inclination	Qty
RC12-0020-000	0	1*Option
RC12-0020-105	+5	1*Option
RC12-0020-110	+10	1*Option
RC12-0020-115	+15	1*Option
RC12-0020-205	-5	1*Option
RC12-0020-210	-10	1*Option
RC12-0020-215	-15	1*Option
RC12-0020-220	-20	1*Option
RC12-0020-225	-25	1*Option
RC12-0020-230	-30	1*Option
RC12-0020-235	-35	1*Option
RC12-0020-240	-40	1*Option
RC12-0020-245	-45	1*Option
RC12-0020-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



WEDGE



SENSOR



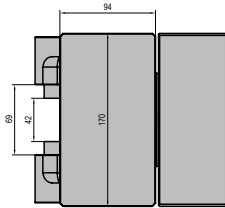
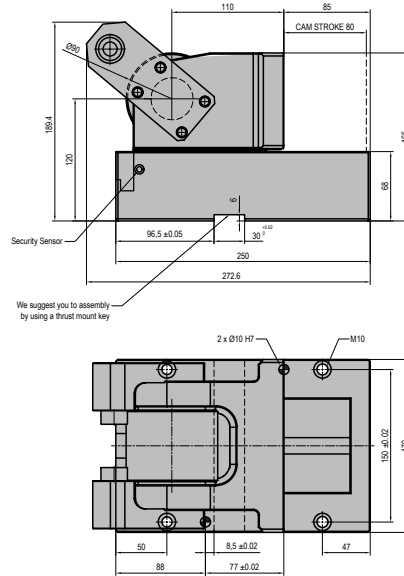
Order Example:
Cam Roller= RC12 K220170 001

Inclination= +10°

Option Code= RC12-09003-0002

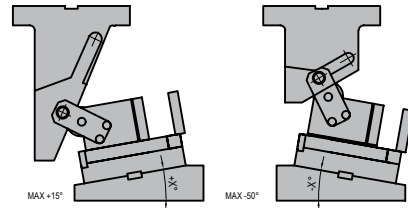


Initial Extraction Force = **657 daN**
Cutting Max Force = **16600 daN**

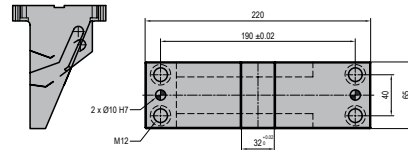


CODE	Inclination	Qty
RC12-0050-000	0	1*Option
RC12-0050-105	+5	1*Option
RC12-0050-110	+10	1*Option
RC12-0050-115	+15	1*Option
RC12-0050-205	-5	1*Option
RC12-0050-210	-10	1*Option
RC12-0050-215	-15	1*Option
RC12-0050-220	-20	1*Option
RC12-0050-225	-25	1*Option
RC12-0050-230	-30	1*Option
RC12-0050-235	-35	1*Option
RC12-0050-240	-40	1*Option
RC12-0050-245	-45	1*Option
RC12-0050-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



WEDGE



SENSOR



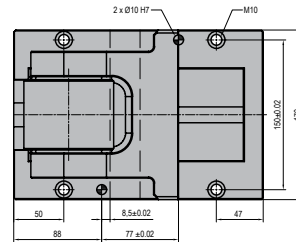
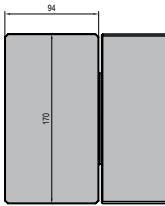
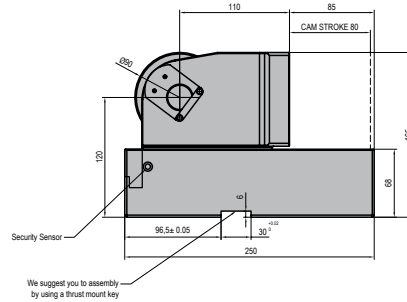
Order Example:
Cam Roller= RC12 P250170 001

Inclination= +10°

Option Code= RC12-09003-0002

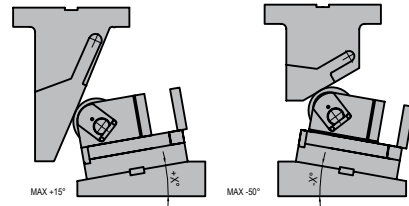


Initial Extraction Force = **657 daN**
Cutting Max Force = **16600 daN**

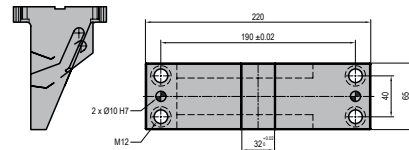


CODE	Inclination	Qty
RC12-0050-000	0	1*Option
RC12-0050-105	+5	1*Option
RC12-0050-110	+10	1*Option
RC12-0050-115	+15	1*Option
RC12-0050-205	-5	1*Option
RC12-0050-210	-10	1*Option
RC12-0050-215	-15	1*Option
RC12-0050-220	-20	1*Option
RC12-0050-225	-25	1*Option
RC12-0050-230	-30	1*Option
RC12-0050-235	-35	1*Option
RC12-0050-240	-40	1*Option
RC12-0050-245	-45	1*Option
RC12-0050-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



WEDGE



SENSOR



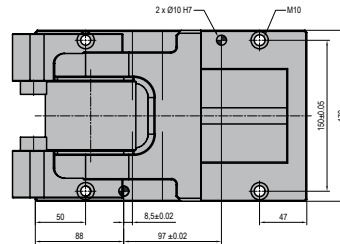
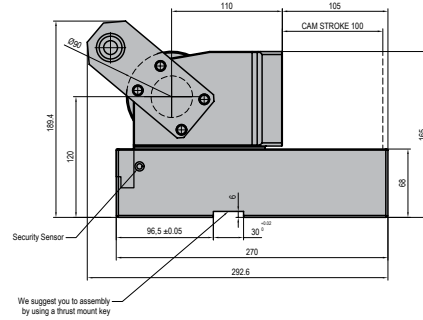
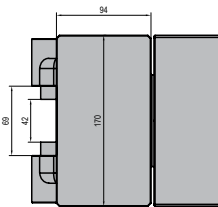
Order Example:
Cam Roller= RC12 K250170 001

Inclination= +10°

Option Code= RC12-09003-0002

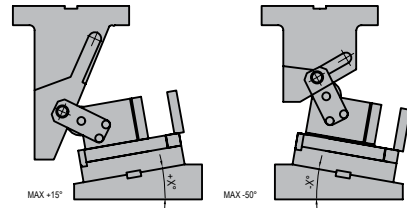


Initial Extraction Force = **661 daN**
Cutting Max Force = **16600 daN**

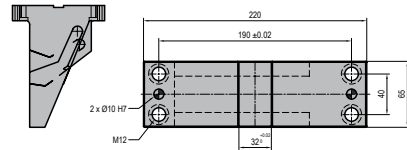


CODE	Inclination	Qty
RC12-0050-000	0	1*Option
RC12-0050-105	+5	1*Option
RC12-0050-110	+10	1*Option
RC12-0050-115	+15	1*Option
RC12-0050-205	-5	1*Option
RC12-0050-210	-10	1*Option
RC12-0050-215	-15	1*Option
RC12-0050-220	-20	1*Option
RC12-0050-225	-25	1*Option
RC12-0050-230	-30	1*Option
RC12-0050-235	-35	1*Option
RC12-0050-240	-40	1*Option
RC12-0050-245	-45	1*Option
RC12-0050-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



WEDGE



SENSOR



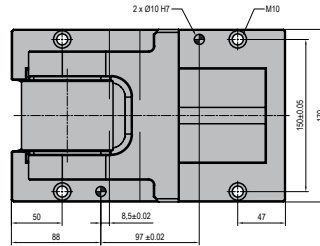
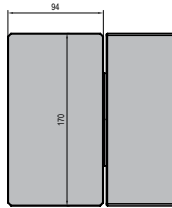
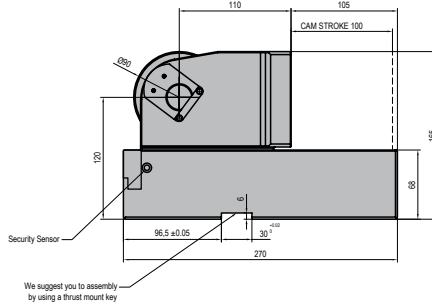
Order Example:
Cam Roller= RC12 P270170 001

Inclination= +10°

Option Code= RC12-09003-0002

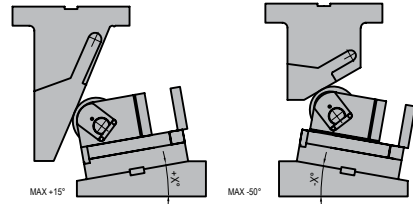


Initial Extraction Force = **661 daN**
Cutting Max Force = **16600 daN**

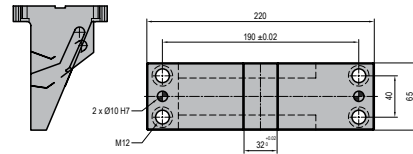


CODE	Inclination	Qty
RC12-0050-000	0	1*Option
RC12-0050-105	+5	1*Option
RC12-0050-110	+10	1*Option
RC12-0050-115	+15	1*Option
RC12-0050-205	-5	1*Option
RC12-0050-210	-10	1*Option
RC12-0050-215	-15	1*Option
RC12-0050-220	-20	1*Option
RC12-0050-225	-25	1*Option
RC12-0050-230	-30	1*Option
RC12-0050-235	-35	1*Option
RC12-0050-240	-40	1*Option
RC12-0050-245	-45	1*Option
RC12-0050-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



WEDGE



SENSOR



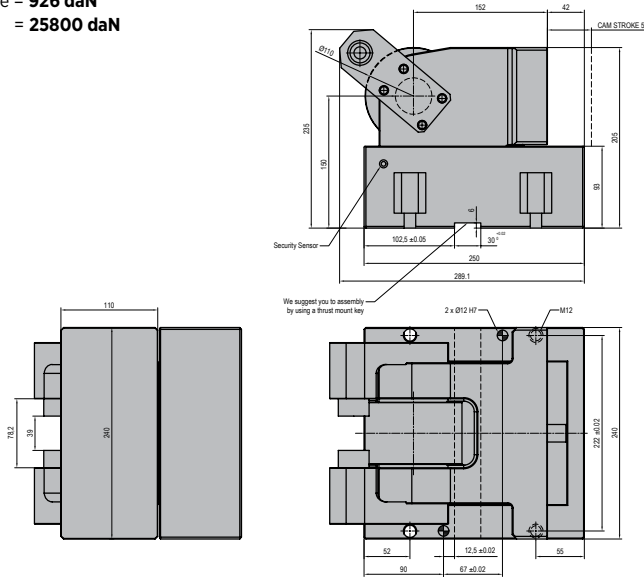
Order Example:
Cam Roller= RC12 K270170 001

Inclination= +10°

Option Code= RC12-09003-0002

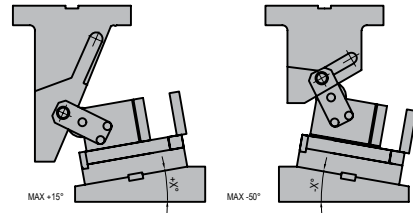


Initial Extraction Force = **926 daN**
Cutting Max Force = **25800 daN**

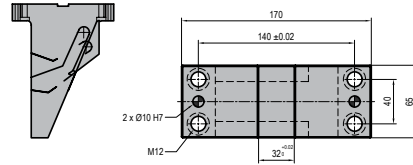


CODE	Inclination	Qty
RC12-0020-000	0	1*Option
RC12-0020-105	+5	1*Option
RC12-0020-110	+10	1*Option
RC12-0020-115	+15	1*Option
RC12-0020-205	-5	1*Option
RC12-0020-210	-10	1*Option
RC12-0020-215	-15	1*Option
RC12-0020-220	-20	1*Option
RC12-0020-225	-25	1*Option
RC12-0020-230	-30	1*Option
RC12-0020-235	-35	1*Option
RC12-0020-240	-40	1*Option
RC12-0020-245	-45	1*Option
RC12-0020-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



WEDGE



SENSOR



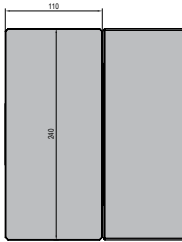
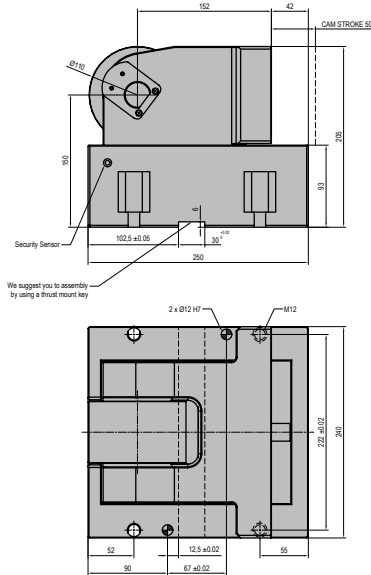
Order Example:
Cam Roller= RC12 P250240 001

Inclination= +10°

Option Code= RC12-09003-0002

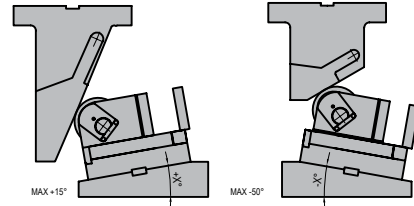


Initial Extraction Force = **926 daN**
Cutting Max Force = **25800 daN**

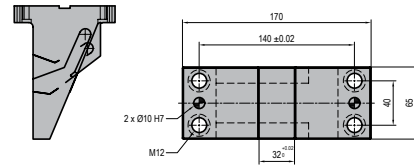


CODE	Inclination	Qty
RC12-0020-000	0	1*Option
RC12-0020-105	+5	1*Option
RC12-0020-110	+10	1*Option
RC12-0020-115	+15	1*Option
RC12-0020-205	-5	1*Option
RC12-0020-210	-10	1*Option
RC12-0020-215	-15	1*Option
RC12-0020-220	-20	1*Option
RC12-0020-225	-25	1*Option
RC12-0020-230	-30	1*Option
RC12-0020-235	-35	1*Option
RC12-0020-240	-40	1*Option
RC12-0020-245	-45	1*Option
RC12-0020-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



WEDGE



SENSOR



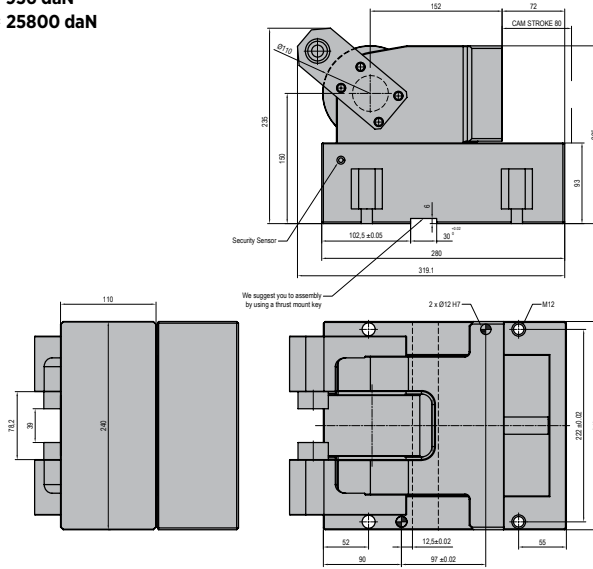
Order Example:
Cam Roller= RC12 K250240 001

Inclination= +10°

Option Code= RC12-09003-0002

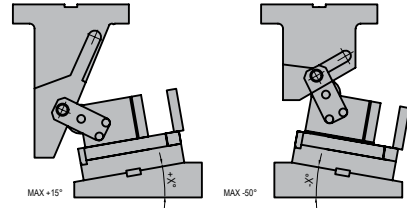


Initial Extraction Force = **936 daN**
Cutting Max Force = **25800 daN**

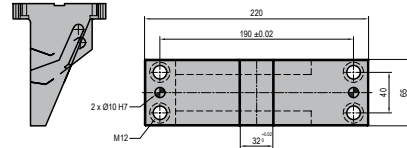


CODE	Inclination	Qty
RC12-0050-000	0	1*Option
RC12-0050-105	+5	1*Option
RC12-0050-110	+10	1*Option
RC12-0050-115	+15	1*Option
RC12-0050-205	-5	1*Option
RC12-0050-210	-10	1*Option
RC12-0050-215	-15	1*Option
RC12-0050-220	-20	1*Option
RC12-0050-225	-25	1*Option
RC12-0050-230	-30	1*Option
RC12-0050-235	-35	1*Option
RC12-0050-240	-40	1*Option
RC12-0050-245	-45	1*Option
RC12-0050-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



WEDGE



SENSOR



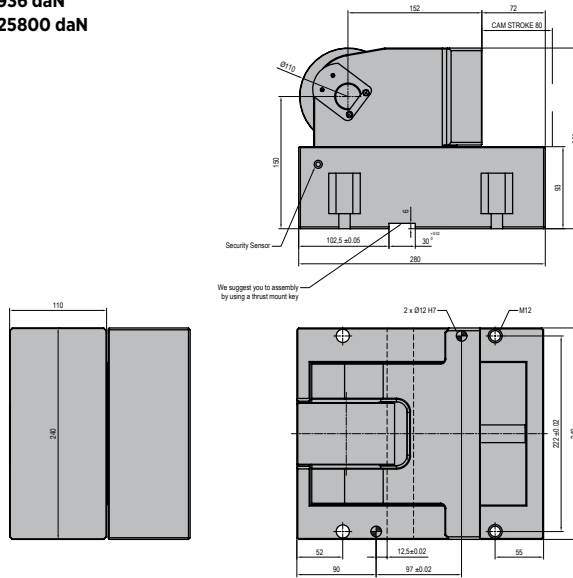
Order Example:
Cam Roller= RC12 P280240 001

Inclination= +10°

Option Code= RC12-09003-0002

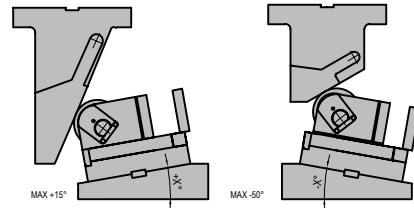


Initial Extraction Force = **936 daN**
Cutting Max Force = **25800 daN**

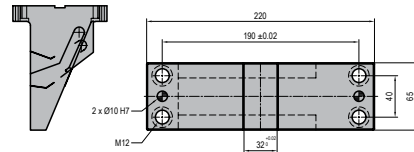


CODE	Inclination	Qty
RC12-0050-000	0	1*Option
RC12-0050-105	+5	1*Option
RC12-0050-110	+10	1*Option
RC12-0050-115	+15	1*Option
RC12-0050-205	-5	1*Option
RC12-0050-210	-10	1*Option
RC12-0050-215	-15	1*Option
RC12-0050-220	-20	1*Option
RC12-0050-225	-25	1*Option
RC12-0050-230	-30	1*Option
RC12-0050-235	-35	1*Option
RC12-0050-240	-40	1*Option
RC12-0050-245	-45	1*Option
RC12-0050-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



WEDGE



SENSOR



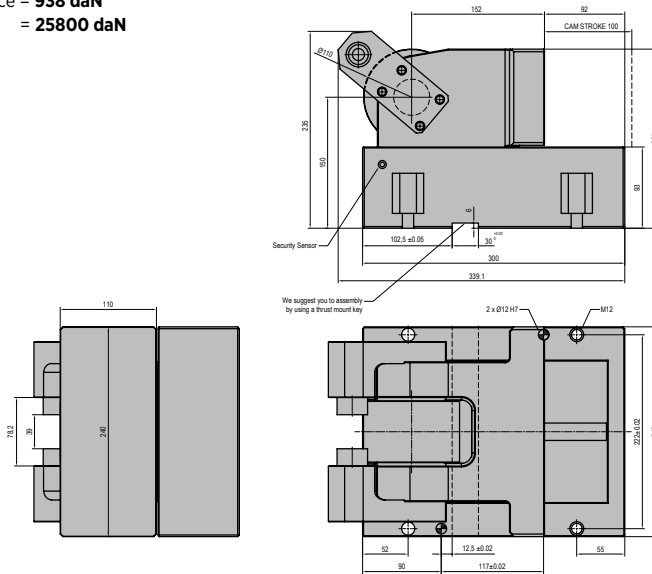
Order Example:
Cam Roller= RC12 K280240 001

Inclination= +10°

Option Code= RC12-09003-0002

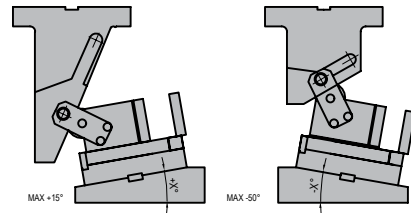


Initial Extraction Force = **938 daN**
Cutting Max Force = **25800 daN**

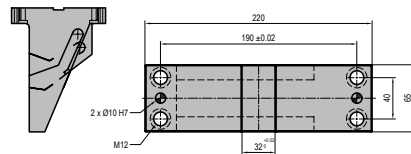


CODE	Inclination	Qty
RC12-0050-000	0	1*Option
RC12-0050-105	+5	1*Option
RC12-0050-110	+10	1*Option
RC12-0050-115	+15	1*Option
RC12-0050-205	-5	1*Option
RC12-0050-210	-10	1*Option
RC12-0050-215	-15	1*Option
RC12-0050-220	-20	1*Option
RC12-0050-225	-25	1*Option
RC12-0050-230	-30	1*Option
RC12-0050-235	-35	1*Option
RC12-0050-240	-40	1*Option
RC12-0050-245	-45	1*Option
RC12-0050-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



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SENSOR



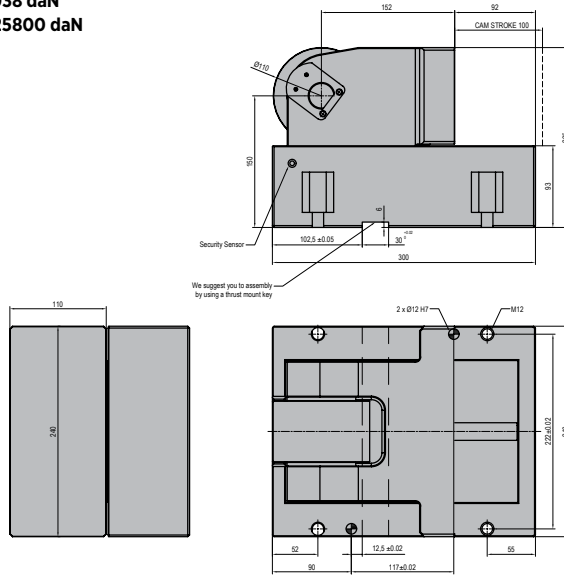
Order Example:
Cam Roller= RC12 P300240 001

Inclination= $+10^\circ$

Option Code= RC12-09003-0002

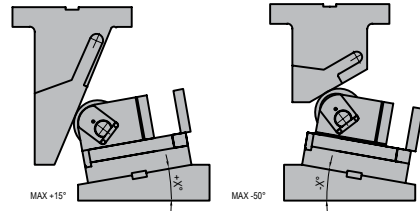


Initial Extraction Force = **938 daN**
Cutting Max Force = **25800 daN**

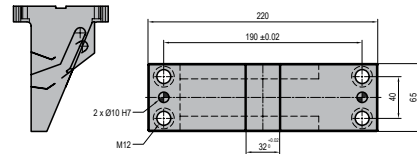


CODE	Inclination	Qty
RC12-0050-000	0	1*Option
RC12-0050-105	+5	1*Option
RC12-0050-110	+10	1*Option
RC12-0050-115	+15	1*Option
RC12-0050-205	-5	1*Option
RC12-0050-210	-10	1*Option
RC12-0050-215	-15	1*Option
RC12-0050-220	-20	1*Option
RC12-0050-225	-25	1*Option
RC12-0050-230	-30	1*Option
RC12-0050-235	-35	1*Option
RC12-0050-240	-40	1*Option
RC12-0050-245	-45	1*Option
RC12-0050-250	-50	1*Option
CODE	Description	Qty
RC12-09003-0002	Security Sensor	1*Option

POSSIBLE INCLINATIONS



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SENSOR



Order Example:
Cam Roller= RC12 K300240 001

Inclination= +10°

Option Code= RC12-09003-0002









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