



**CAM UNITS CRX
SCHIEBER CRX
CAMME CRX**

2016.00



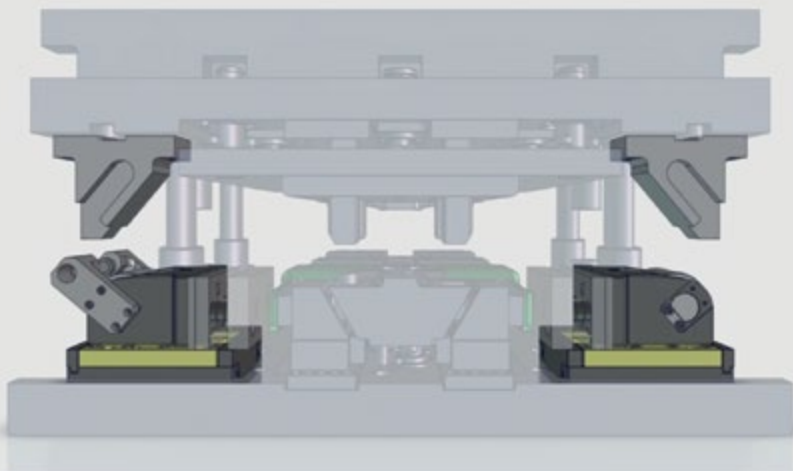


OMCR CODE	Work Angle	Slider Width (mm)	Work Area W x H (mm)	Max Work Force 10 ⁶ cycles (kN)	Extraction Force (kN)
	β			F _s	F _F
CRX03	-15°÷50°	98	98x63	76	2,86÷3,09
CRX05	-15°÷50°	118	118x74	162	6,5÷7,26
CRX15	-15°÷50°	170	170x94	166	6,36÷6,46
CRX20	-15°÷50°	240	240x110	258	9,29÷9,38

ROLLER CAM DRIVER - TREIBER FÜR ROLLENSCHIEBER - CUNEO PER CAMME A RULLO

OMCR CODE	Roller Cam Model	Work Angle β
DCRX0305	CRX03 - CRX05	-15°÷50° (5° steps)
DCRX1520	CRX15 - CRX20	-15°÷50° (5° steps)

**100% SAFETY WITH POSITIVE RETURN - 100 % SICHERHEIT MIT DER ZWANGSRÜCKHOLUNG
100% SICURA CON IL GANCIO DI RITORNO**



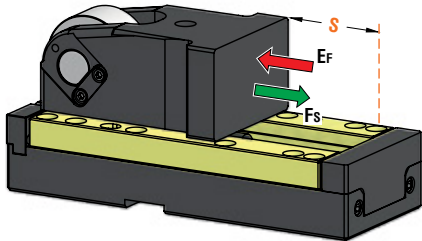
Cam Units CRX

You Tube

CRX: how does it work?
CRX: wie funktioniert es?
CRX: come funziona?



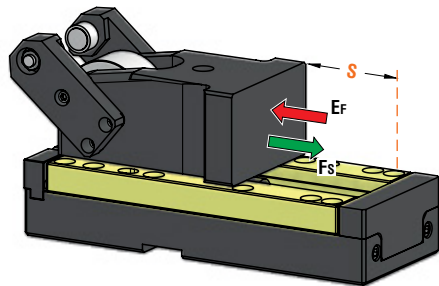
ROLLER CAM UNIT - ROLLENSCHIEBER - CAMMA A RULLO



OMCR CODE	Stroke (mm)	Max Work Force (kN) Fs	Extraction Force (kN)
			Ef Gas Spring
CRX03.050	50	76	2,86
CRX03.080	80	76	2,89
CRX03.100	100	76	3,09




Without Positive Return - **OPTION K**



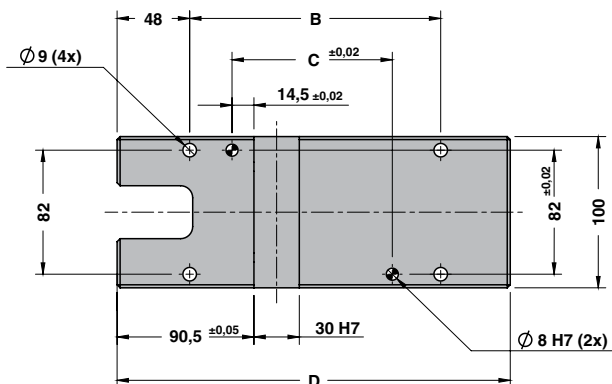
With Positive Return - **OPTION P**

STOCK	ORDER EXAMPLE	Art.	Stroke = 80	OPTION
		CRX03	080	K

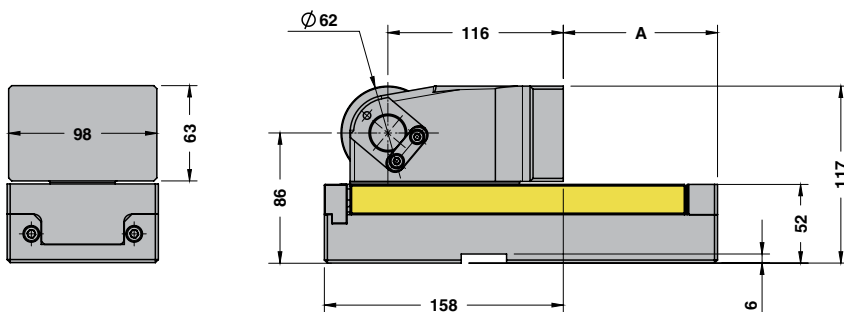
OMCR CODE	Stroke (mm)	Overall Dimensions (mm)				
	S	A	B	C	D	E
CRX03.050	50	42	116	56	200	212
CRX03.080	80	72	146	86	230	242
CRX03.100	100	102	166	106	260	272



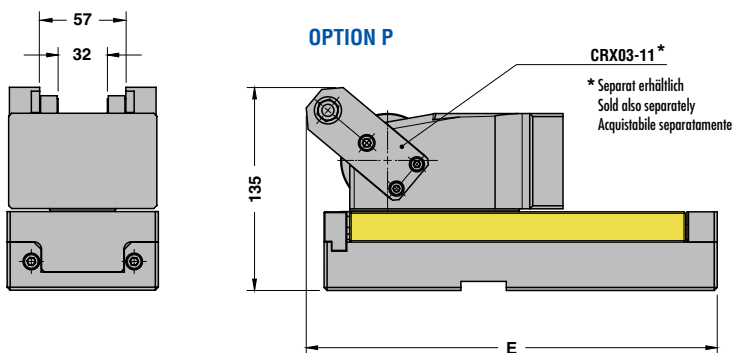
ROLLER CAM UNIT - ROLLENSCHIEBER - CAMMA A RULLO



OPTION K

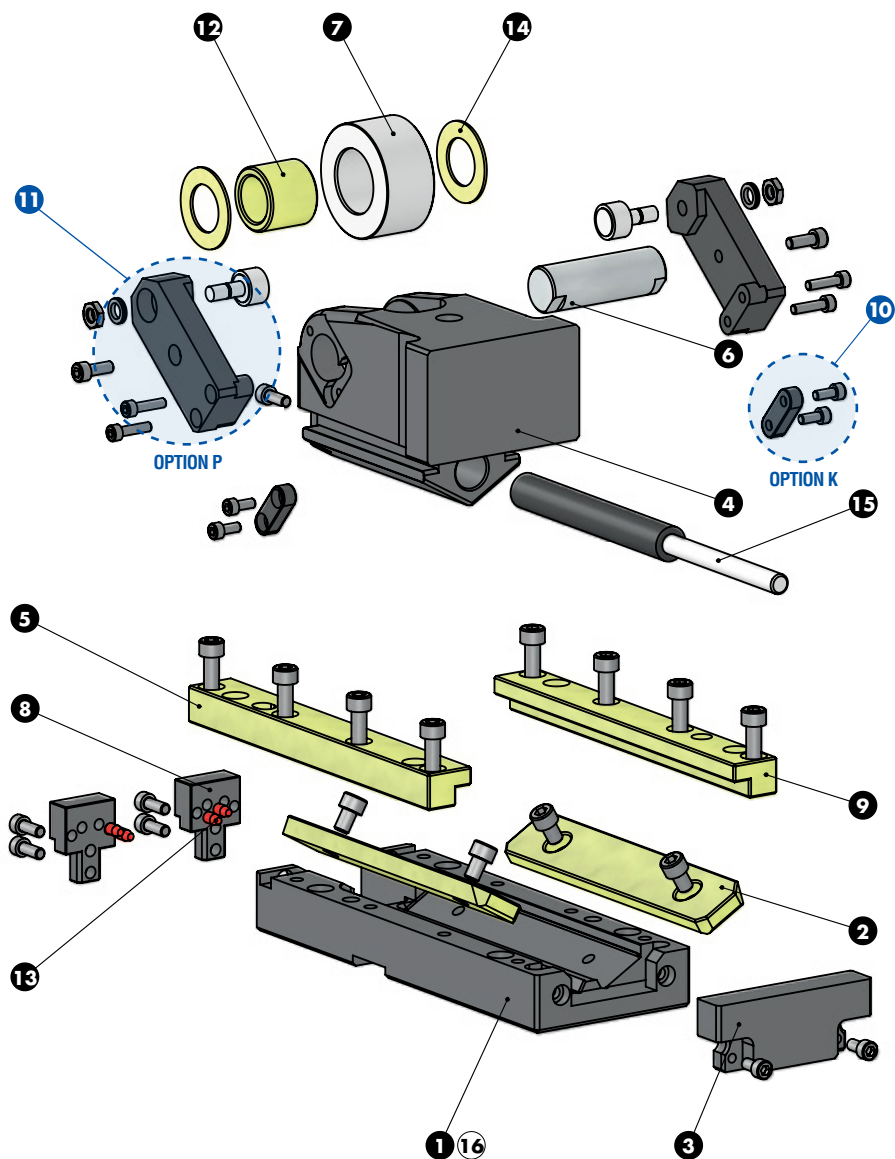


OPTION P





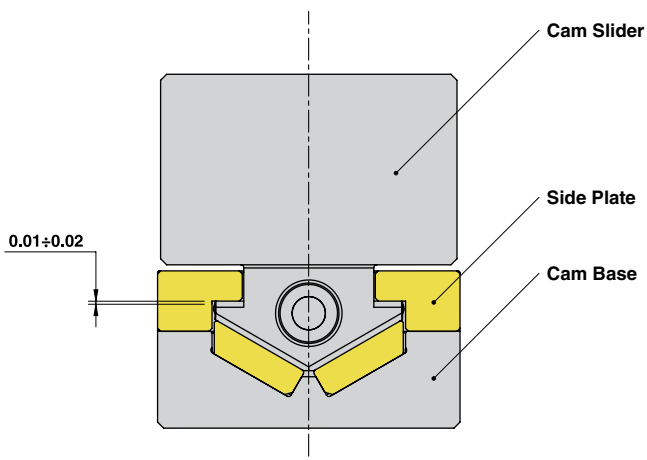
ROLLER CAM UNIT - ROLLENSCHIEBER - CAMMA A RULLO





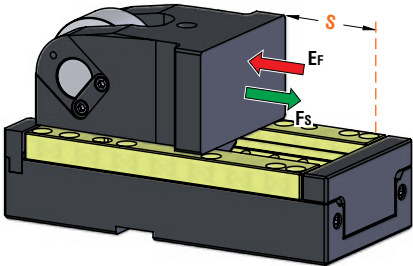
ROLLER CAM UNIT - ROLLENSCHIEBER - CAMMA A RULLO

SLIDER STRUCTURE AND CLEARANCES

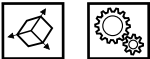


Particular number	Description	Material	Quantity
1	Cam Base	CK45	1
2	Wear Plate	CuZn25Al5 + Graphite - HB > 190	2
3	Spring Stopper Plate	CK45	1
4	Cam Slider	CK45	1
5	Side Plate L	CuZn25Al5 + Graphite - HB > 190	1
6	Pin	16NiCrMo4	1
7	Roller	100Cr6	1
8	Stopper Plate	CK45	2
9	Side Plate R	CuZn25Al5 + Graphite - HB > 190	1
10	Key - OPTION K	CK45	2
11	Positive Return + Roller SKF KRV19PPA - OPTION P	CK45	2
12	Self-Lubricating Bush	CuZn25Al5 + Graphite - HB > 190	1
13	Elastomer Cap	Elastomer 92SH	4
14	Washer PCMW 264401.5M	-	2
15	Gas Spring	-	1
16	Cam Base Fixing Screws M8x30 DIN 912	-	4

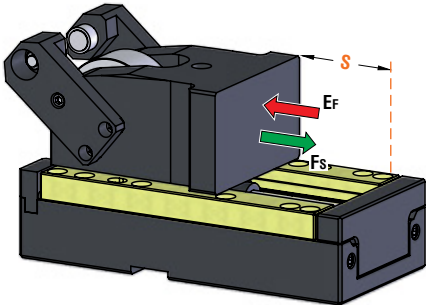
ROLLER CAM UNIT - ROLLENSCHIEBER - CAMMA A RULLO



OMCR CODE	Stroke (mm)	Max Work Force (kN)	Extraction Force (kN)
			E_f Gas Spring
CRX05.050	50	162	6,5
CRX05.080	80	162	6,62
CRX05.100	100	162	7,26



Without Positive Return - **OPTION K**



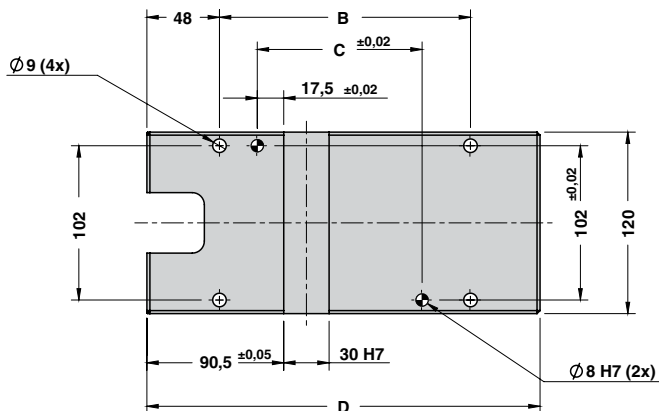
With Positive Return - **OPTION P**

STOCK	ORDER EXAMPLE	Art.	Stroke = 80	OPTION
		CRX05	080	K

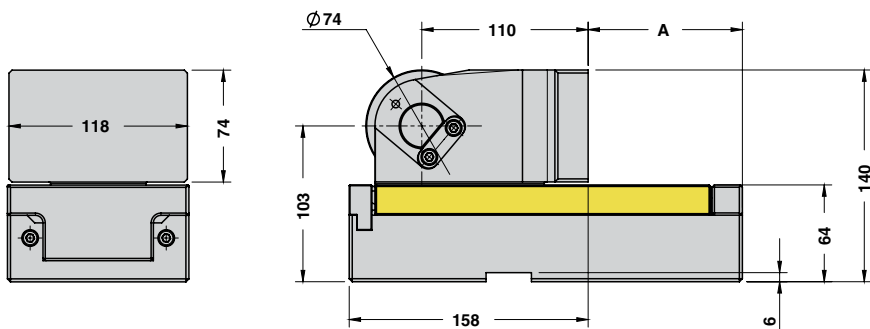
OMCR CODE	Stroke (mm)	Overall Dimensions (mm)				
	S	A	B	C	D	E
CRX05.050	50	42	116	59	200	213
CRX05.080	80	72	146	89	230	243
CRX05.100	100	102	166	109	260	273



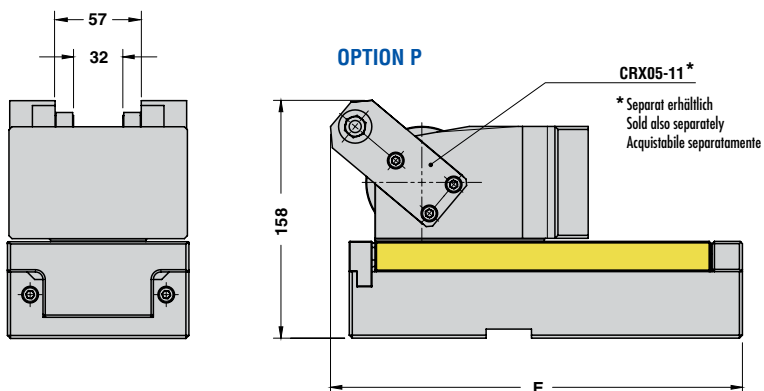
ROLLER CAM UNIT - ROLLENSCHIEBER - CAMMA A RULLO



OPTION K

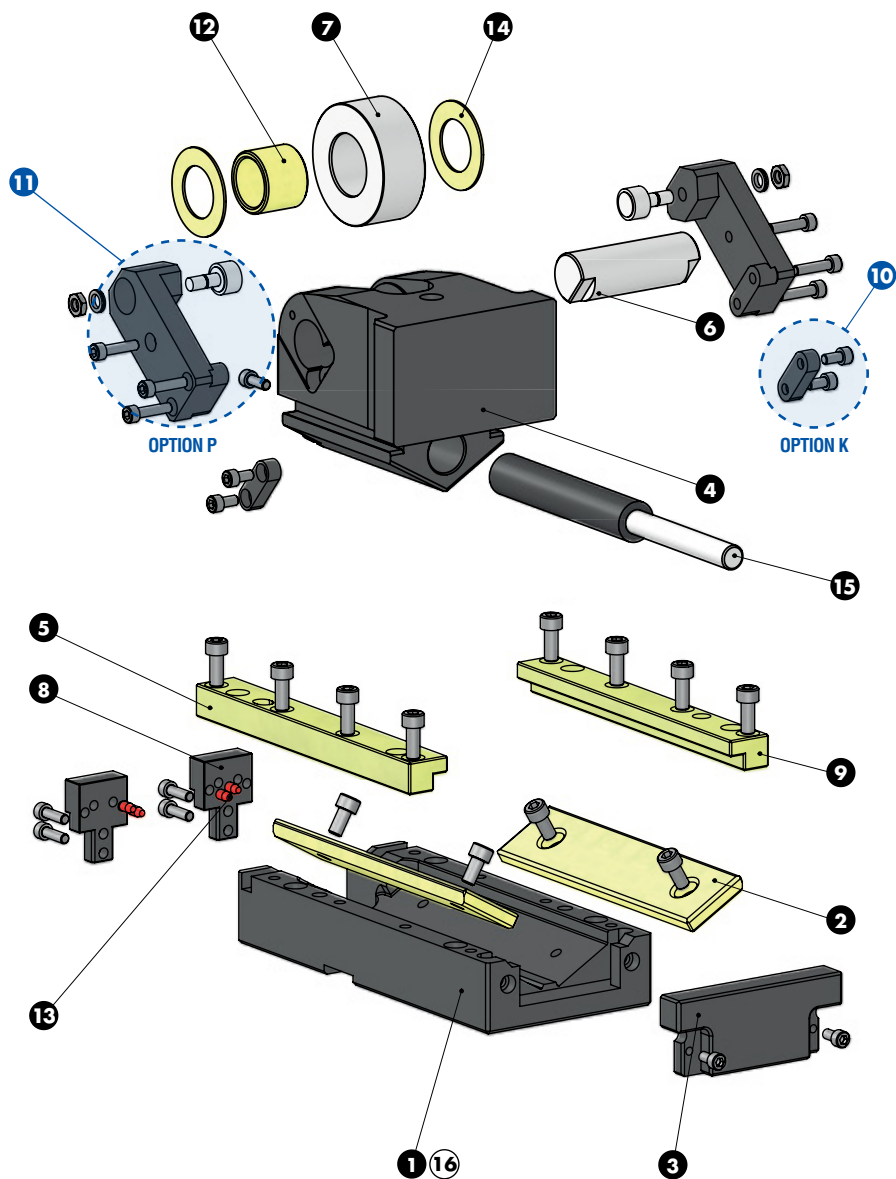


OPTION P





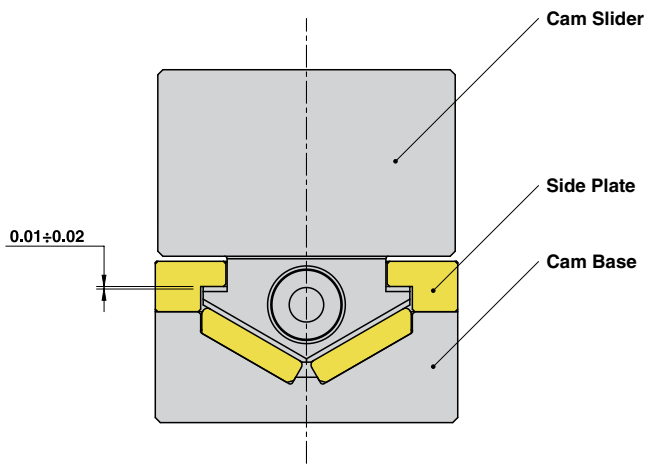
ROLLER CAM UNIT - ROLLENSCHIEBER - CAMMA A RULLO





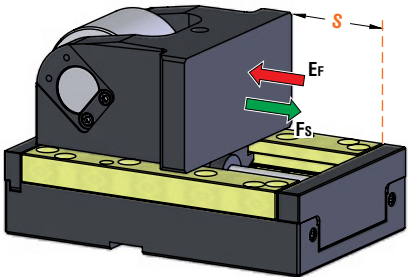
ROLLER CAM UNIT - ROLLENSCHIEBER - CAMMA A RULLO

SLIDER STRUCTURE AND CLEARANCES

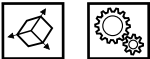


Particular number	Description	Material	Quantity
1	Cam Base	CK45	1
2	Wear Plate	CuZn25Al5 + Graphite - HB > 190	2
3	Spring Stopper Plate	CK45	1
4	Cam Slider	CK45	1
5	Side Plate L	CuZn25Al5 + Graphite - HB > 190	1
6	Pin	16NiCrMo4	1
7	Roller	100Cr6	1
8	Stopper Plate	CK45	2
9	Side Plate R	CuZn25Al5 + Graphite - HB > 190	1
10	Key - OPTION K	CK45	2
11	Positive Return + Roller SKF KRV19PPA - OPTION P	CK45	2
12	Self-Lubricating Bush	CuZn25Al5 + Graphite - HB > 190	1
13	Elastomer Cap	Elastomer 92SH	4
14	Washer PCMW 325401.5M	-	2
15	Gas Spring	-	1
16	Cam Base Fixing Screws M8x30 DIN 912	-	4

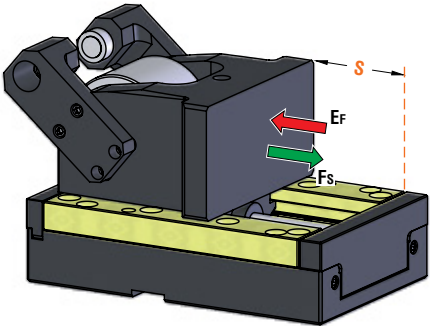
ROLLER CAM UNIT - ROLLENSCHIEBER - CAMMA A RULLO



OMCR CODE	Stroke (mm)	Max Work Force (kN)	Extraction Force (kN)
			Ef Gas Spring
CRX15.050	50	166	6,36
CRX15.080	80	166	6,43
CRX15.100	100	166	6,46



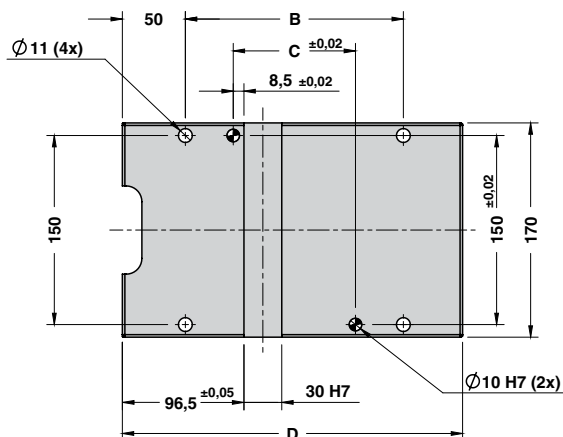
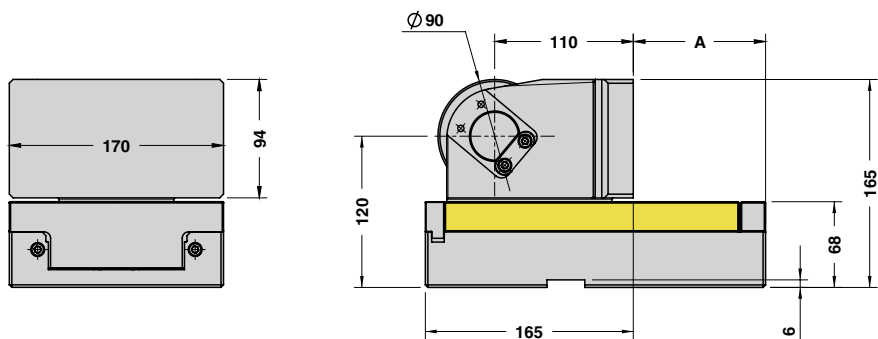
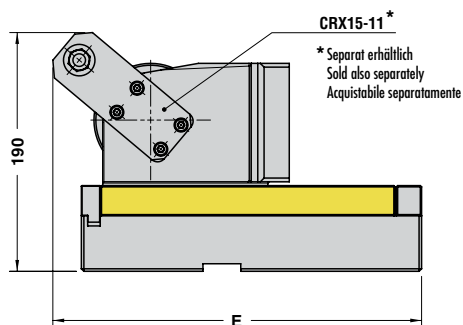
Without Positive Return - **OPTION K**



With Positive Return - **OPTION P**

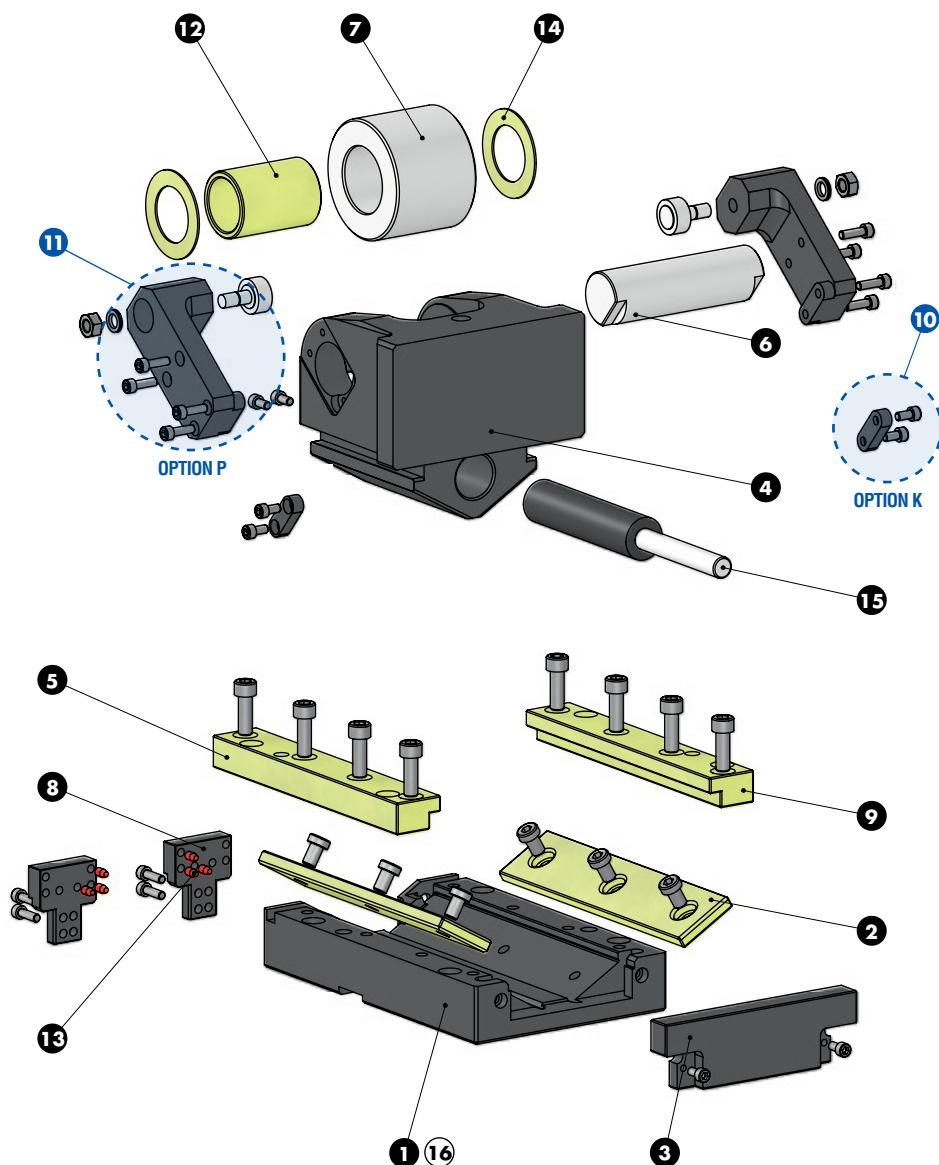
STOCK	ORDER EXAMPLE 	Art.	Stroke = 80	OPTION
		CRX15	080	K

OMCR CODE	Stroke (mm)	Overall Dimensions (mm)				
	S	A	B	C	D	E
CRX15.050	50	55	123	47	220	243
CRX15.080	80	85	153	77	250	273
CRX15.100	100	105	173	97	270	293


ROLLER CAM UNIT - ROLLENSCHIEBER - CAMMA A RULLO

OPTION K

OPTION P




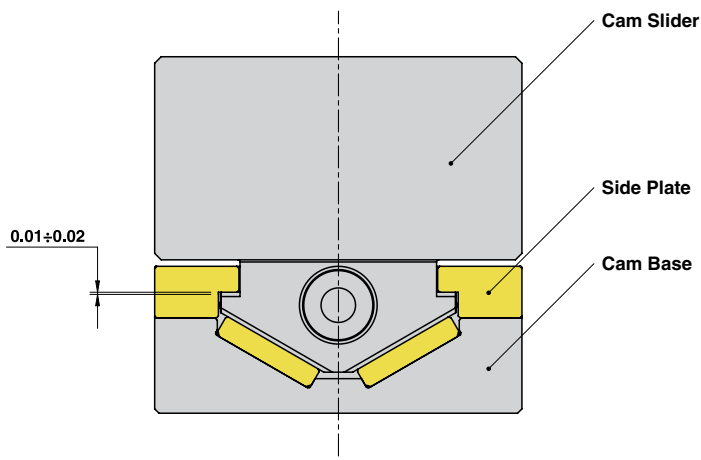
ROLLER CAM UNIT - ROLLENSCHIEBER - CAMMA A RULLO





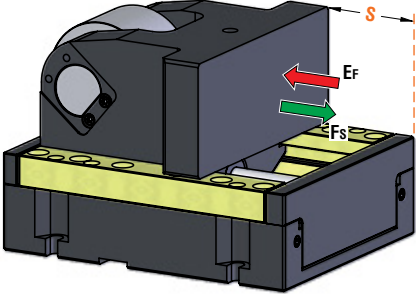
ROLLER CAM UNIT - ROLLENSCHIEBER - CAMMA A RULLO

SLIDER STRUCTURE AND CLEARANCES



Particular number	Description	Material	Quantity
1	Cam Base	CK45	1
2	Wear Plate	CuZn25Al5 + Graphite - HB > 190	2
3	Gas Spring Stopper Plate	CK45	1
4	Cam Slider	CK45	1
5	Side Plate L	CuZn25Al5 + Graphite - HB > 190	1
6	Pin	16NiCrMo4	1
7	Roller	100Cr6	1
8	Stopper Plate	CK45	2
9	Side Plate R	CuZn25Al5 + Graphite - HB > 190	1
10	Key - OPTION K	CK45	2
11	Positive Return + Roller SKF KRV26PPA - OPTION P	CK45	2
12	Self-Lubricating Bush	CuZn25Al5 + Graphite - HB > 190	1
13	Elastomer Cap	Elastomer 92SH	6
14	Washer PCMW 426601.5M	-	2
15	Gas Spring	-	1
16	Cam Base Fixing Screws M10x35 DIN 912	-	4

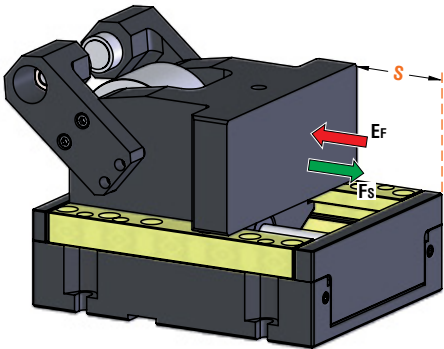
ROLLER CAM UNIT - ROLLENSCHIEBER - CAMMA A RULLO



OMCR CODE	Stroke (mm)	Max Work Force (kN)	Extraction Force (kN)
			E _F
			Gas Spring
CRX20.050	50	258	9,29
CRX20.080	80	258	9,36
CRX20.100	100	258	9,38



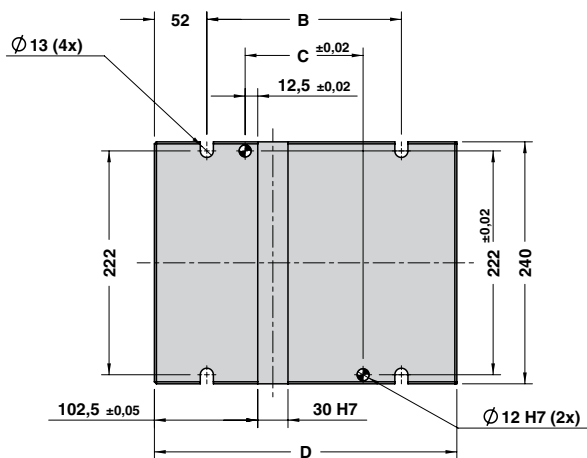
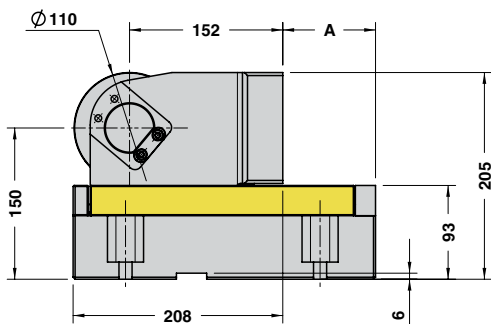
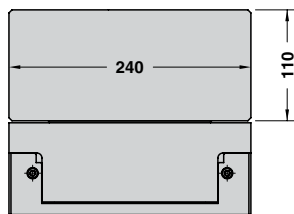

Without Positive Return - **OPTION K**



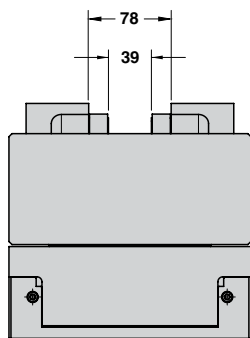
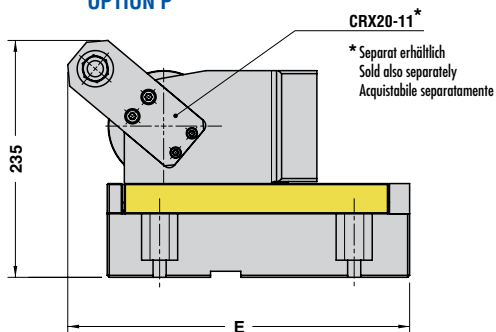
With Positive Return - **OPTION P**

STOCK	ORDER EXAMPLE	Art.	Stroke = 80	OPTION
		CRX20	080	K

OMCR CODE	Stroke (mm)	Overall Dimensions (mm)				
	S	A	B	C	D	E
CRX20.050	50	42	143	67	250	290
CRX20.080	80	72	173	97	280	320
CRX20.100	100	92	193	117	300	340

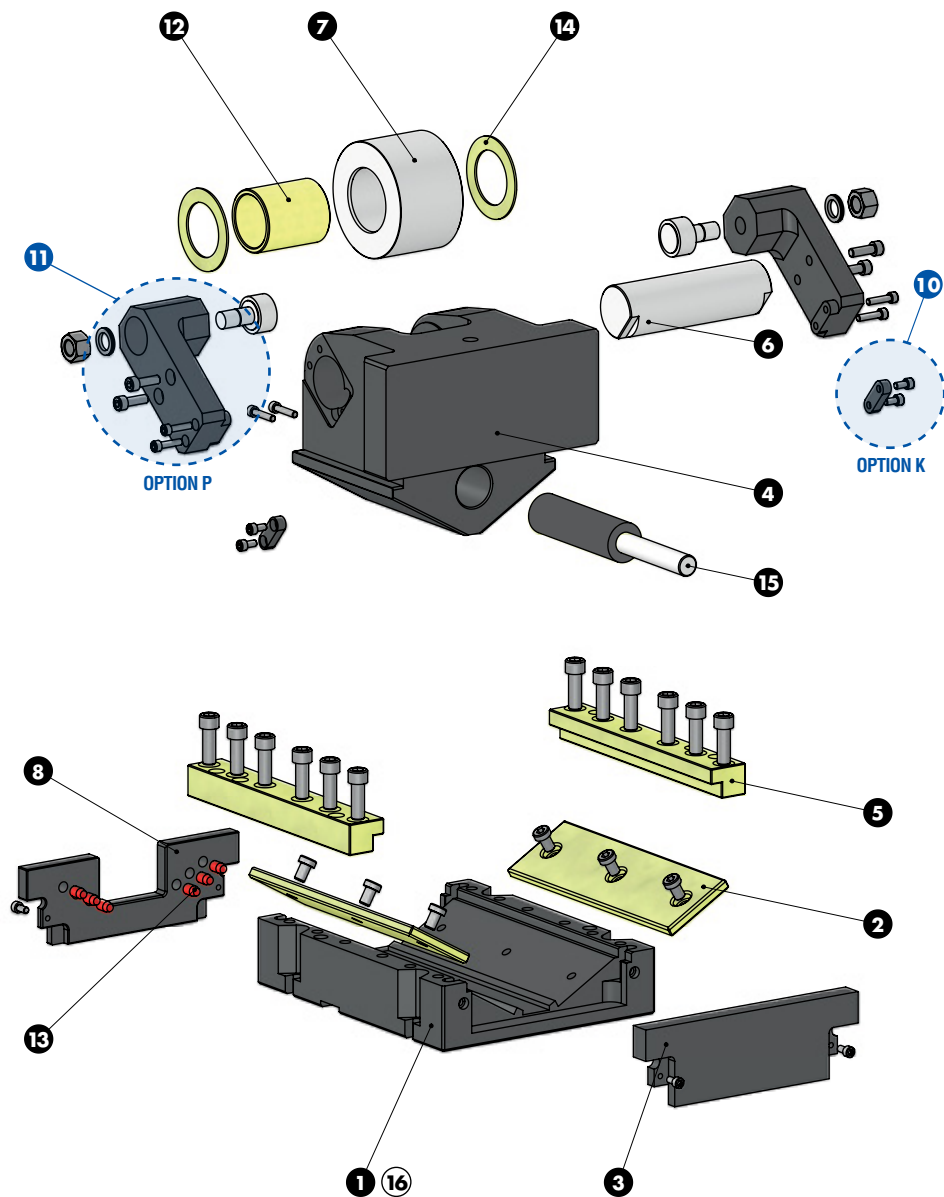

ROLLER CAM UNIT - ROLLENSCHIEBER - CAMMA A RULLO

OPTION K


Cam Units CRX


OPTION P




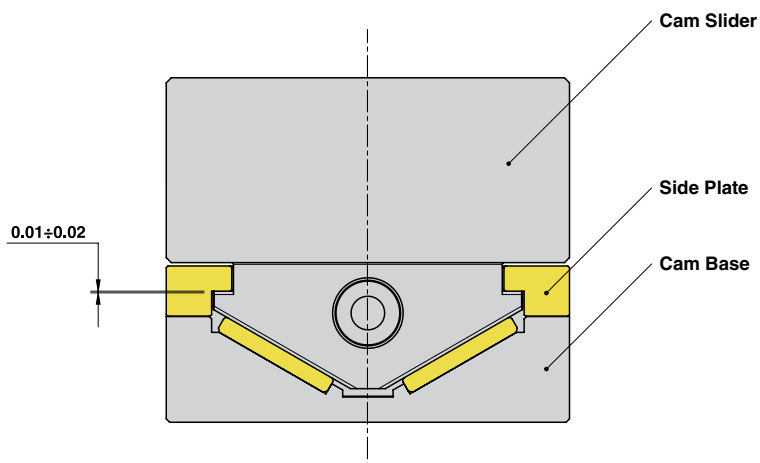
ROLLER CAM UNIT - ROLLENSCHIEBER - CAMMA A RULLO



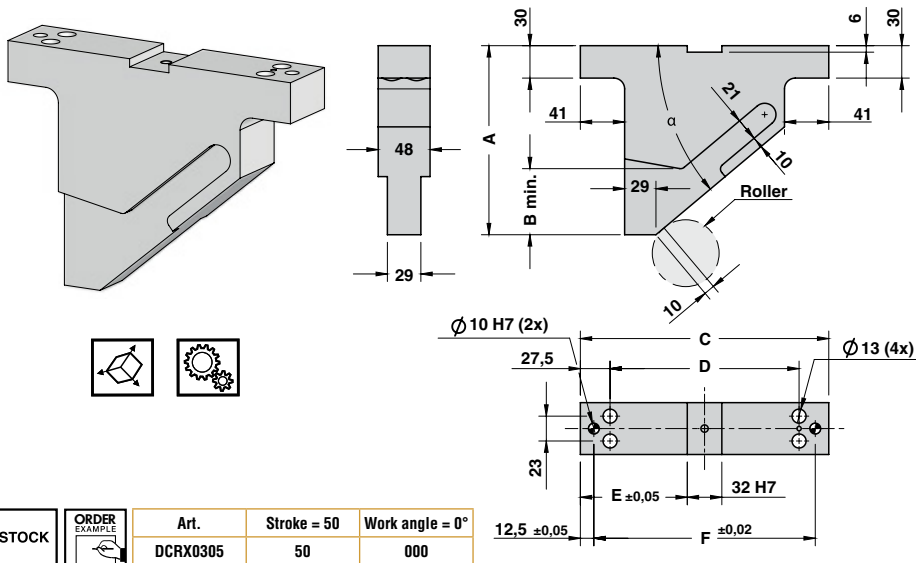


ROLLER CAM UNIT - ROLLENSCHIEBER - CAMMA A RULLO

SLIDER STRUCTURE AND CLEARANCES



Particular number	Description	Material	Quantity
1	Cam Base	CK45	1
2	Wear Plate	CuZn25Al5 + Graphite - HB > 190	2
3	Gas Spring Stopper Plate	CK45	1
4	Cam Slider	CK45	1
5	Side Plate	CuZn25Al5 + Graphite - HB > 190	2
6	Pin	16NiCrMo4	1
7	Roller	100Cr6	1
8	Stopper Plate	CK45	1
10	Key - OPTION K	CK45	2
11	Positive Return + Roller SKF KRV35PPA - OPTION P	CK45	2
12	Self-Lubricating Bush	CuZn25Al5 + Graphite - HB > 190	1
13	Elastomer Cap	Elastomer 92SH	6
14	Washer PCMW 52780.2M	-	2
15	Gas Spring	-	1
16	Cam Base Fixing Screws M12x35 DIN 912	-	4

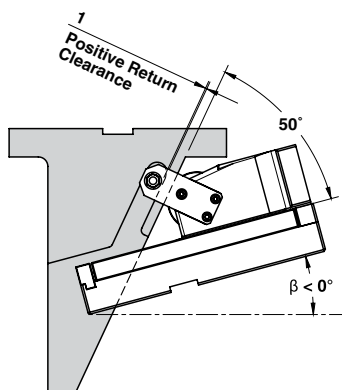
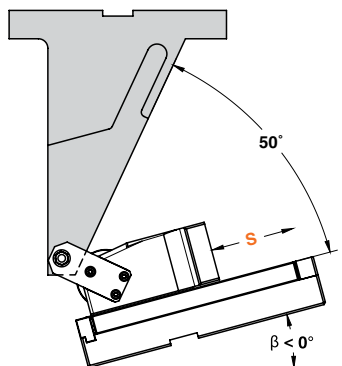

ROLLER CAM DRIVER - TREIBER FÜR ROLLENSCHIEBER - CUNEO PER CAMME A RULLO


STOCK	ORDER EXAMPLE	Art.	Stroke = 50	Work angle = 0°
		DCRX0305	50	000

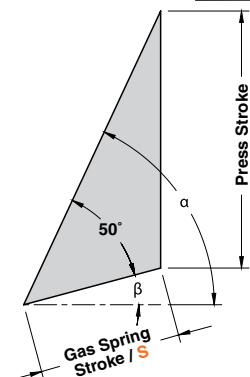
OMC CODE	ROLLER CAM MODEL	Stroke (mm)	Work Angle	Overall Dimensions (mm)						
		S	β	α	A	B min.	C	D	E	F
DCRX0305.50.H15	CRX03.050 CRX05.050	50	-15°	65°	185	70	180	125	74	155
DCRX0305.50.H10		50	-10°	60°	165	70	180	125	74	155
DCRX0305.50.H05		50	-5°	55°	155	60	180	125	74	155
DCRX0305.50.000		50	0°	50°	145	50	180	125	74	155
DCRX0305.50.L05		50	5°	45°	135	40	180	125	74	155
DCRX0305.50.L10		50	10°	40°	130	35	180	125	74	155
DCRX0305.50.L15		50	15°	35°	125	30	180	125	74	155
DCRX0305.50.L20		50	20°	30°	120	25	180	125	74	155
DCRX0305.50.L25		50	25°	25°	110	40	180	125	74	155
DCRX0305.50.L30		50	30°	20°	100	30	180	125	74	155
DCRX0305.50.L35		50	35°	15°	95	25	180	125	74	155
DCRX0305.50.L40		50	40°	10°	90	20	180	125	74	155
DCRX0305.50.L45		50	45°	5°	85	25	180	125	74	155
DCRX0305.50.L50		50	50°	0°	80	30	180	125	74	155
DCRX0305.80.H15	CRX03.080 CRX03.100 CRX05.080 CRX05.100	80-100	-15°	65°	280	160	230	175	99	205
DCRX0305.80.H10		80-100	-10°	60°	250	130	230	175	99	205
DCRX0305.80.H05		80-100	-5°	55°	220	100	230	175	99	205
DCRX0305.80.000		80-100	0°	50°	200	80	230	175	99	205
DCRX0305.80.L05		80-100	5°	45°	180	60	230	175	99	205
DCRX0305.80.L10		80-100	10°	40°	175	55	230	175	99	205
DCRX0305.80.L15		80-100	15°	35°	170	50	230	175	99	205
DCRX0305.80.L20		80-100	20°	30°	165	45	230	175	99	205
DCRX0305.80.L25		80-100	25°	25°	155	65	230	175	99	205
DCRX0305.80.L30		80-100	30°	20°	145	55	230	175	99	205
DCRX0305.80.L35		80-100	35°	15°	130	50	230	175	99	205
DCRX0305.80.L40		80-100	40°	10°	115	55	230	175	99	205
DCRX0305.80.L45		80-100	45°	5°	105	45	230	175	99	205
DCRX0305.80.L50		80-100	50°	0°	95	55	230	175	99	205


ROLLER CAM DRIVER - TREIBER FÜR ROLLENSCHIEBER - CUNEO PER CAMME A RULLO

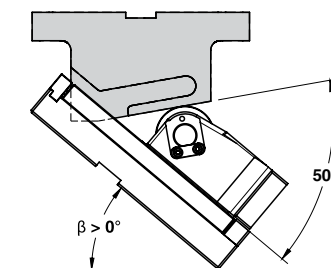
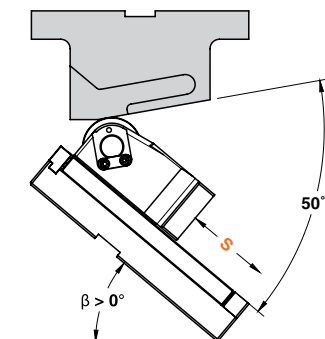
**EXAMPLE FOR
WORK ANGLE $\beta < 0^\circ$
(CRX03.100.P)**



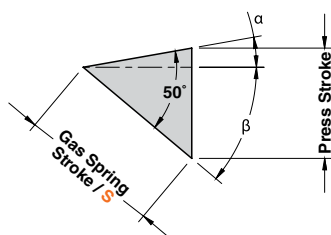
CAM DIAGRAM

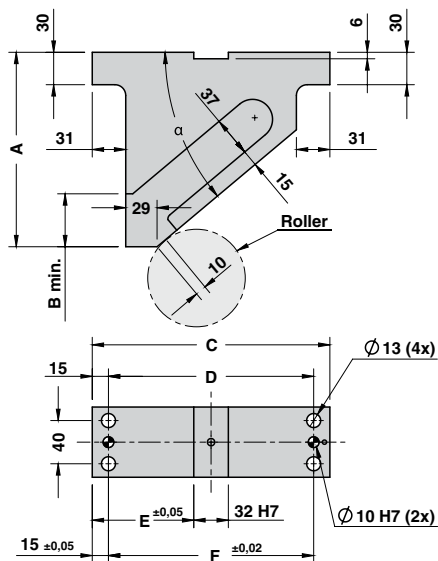
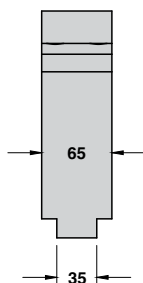
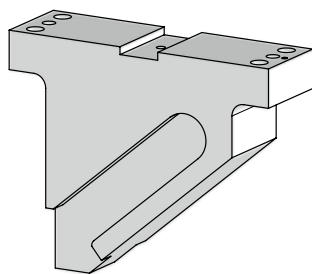


**EXAMPLE FOR
WORK ANGLE $\beta > 0^\circ$
(CRX03.100.K)**



CAM DIAGRAM



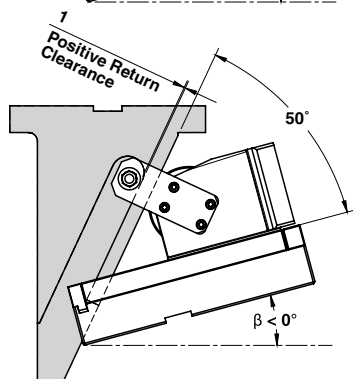
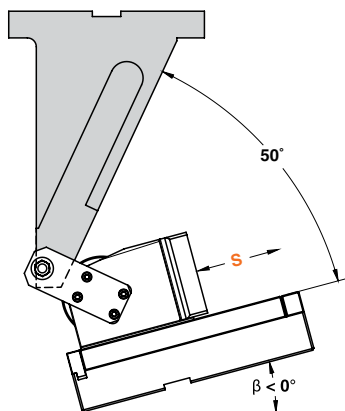

ROLLER CAM DRIVER - TREIBER FÜR ROLLENSCHIEBER - CUNEO PER CAMME A RULLO


STOCK	ORDER EXAMPLE	Art.	Stroke = 50	Work angle = 0°
		DCRX1520	50	000

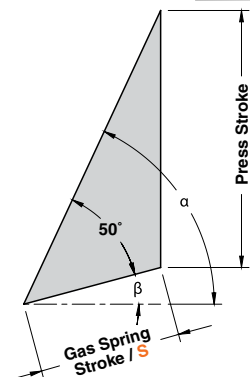
OMCR CODE	ROLLER CAM MODEL	Stroke (mm)	Work Angle	Overall Dimensions (mm)						
		S	β	α	A	B min.	C	D	E	F
DCRX1520.50.H15	CRX15.050 CRX20.050	50	-15°	65°	200	66	170	140	69	140
DCRX1520.50.H10		50	-10°	60°	175	59	170	140	69	140
DCRX1520.50.H05		50	-5°	55°	155	55	170	140	69	140
DCRX1520.50.000		50	0°	50°	145	52	170	140	69	140
DCRX1520.50.L05		50	5°	45°	135	50	170	140	69	140
DCRX1520.50.L10		50	10°	40°	130	49	170	140	69	140
DCRX1520.50.L15		50	15°	35°	125	49	170	140	69	140
DCRX1520.50.L20		50	20°	30°	120	49	170	140	69	140
DCRX1520.50.L25		50	25°	25°	110	49	170	140	69	140
DCRX1520.50.L30		50	30°	20°	100	50	170	140	69	140
DCRX1520.50.L35		50	35°	15°	95	52	170	140	69	140
DCRX1520.50.L40		50	40°	10°	90	53	170	140	69	140
DCRX1520.50.L45		50	45°	5°	85	50	170	140	69	140
DCRX1520.50.L50		50	50°	0°	80	0	170	140	69	140
DCRX1520.80.H15	CRX15.080 CRX15.100 CRX20.080 CRX20.100	80-100	-15°	65°	310	66	220	190	94	190
DCRX1520.80.H10		80-100	-10°	60°	260	59	220	190	94	190
DCRX1520.80.H05		80-100	-5°	55°	230	55	220	190	94	190
DCRX1520.80.000		80-100	0°	50°	210	52	220	190	94	190
DCRX1520.80.L05		80-100	5°	45°	185	50	220	190	94	190
DCRX1520.80.L10		80-100	10°	40°	180	49	220	190	94	190
DCRX1520.80.L15		80-100	15°	35°	170	49	220	190	94	190
DCRX1520.80.L20		80-100	20°	30°	165	49	220	190	94	190
DCRX1520.80.L25		80-100	25°	25°	150	49	220	190	94	190
DCRX1520.80.L30		80-100	30°	20°	145	50	220	190	94	190
DCRX1520.80.L35		80-100	35°	15°	125	52	220	190	94	190
DCRX1520.80.L40		80-100	40°	10°	115	53	220	190	94	190
DCRX1520.80.L45		80-100	45°	5°	105	50	220	190	94	190
DCRX1520.80.L50		80-100	50°	0°	95	52	220	190	94	190


ROLLER CAM DRIVER - TREIBER FÜR ROLLENSCHIEBER - CUNEO PER CAMME A RULLO

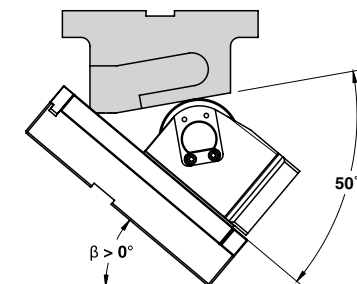
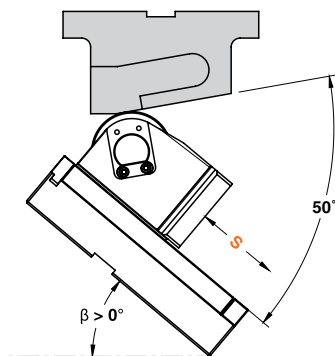
**EXAMPLE FOR
WORK ANGLE $\beta < 0^\circ$
(CRX15.100.P)**



CAM DIAGRAM



**EXAMPLE FOR
WORK ANGLE $\beta > 0^\circ$
(CRX15.100.K)**



CAM DIAGRAM

