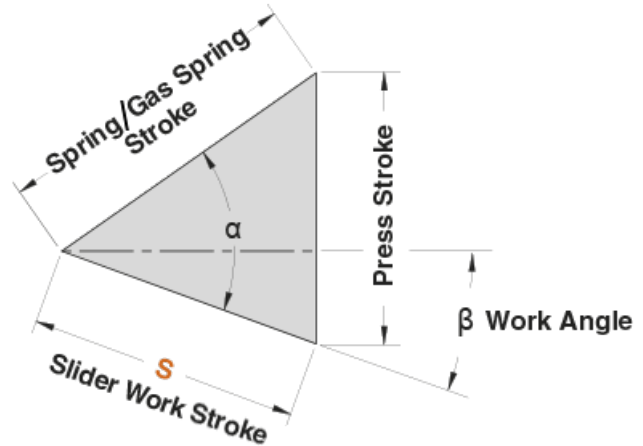
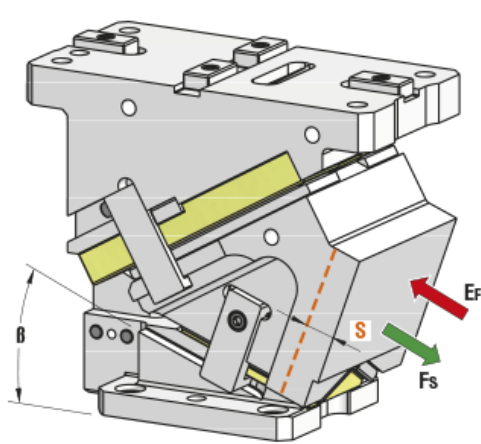




### 1. CAM DIAGRAM



OMCR CODE	Work Angle $\beta$	Slider Work Stroke S (mm)	Press Stroke (mm)	Spring / Gas Spring Stroke (mm)	$\alpha - \beta$	$\alpha$
CHR165.00	0°	32,14	38,30	50	50°	50°
CHR165.05	5°	35,49	38,45	50	45°	50°
CHR165.10	10°	38,89	38,89	50	40°	50°
CHR165.15	15°	42,40	39,65	50	35°	50°
CHR165.20	20°	46,08	40,76	50	30°	50°
CHR165.25	25°	50,00	42,26	50	25°	50°
CHR165.30	30°	54,25	44,23	50	20°	50°
CHR165.35	35°	58,96	46,76	50	15°	50°
CHR165.40	40°	64,28	50,00	50	10°	50°
CHR165.45	45°	70,44	54,17	50	5°	50°
CHR165.50	50°	77,79	59,59	50	0°	50°
CHR165.55	55°	87,17	71,41	50	0°	55°
CHR165.60	60°	100,00	86,60	50	0°	60°



## 2. WORK FORCE DISTRIBUTION (kN) FOR 1 MILLION CYCLES

The following diagrams illustrate the maximum possible ranges of camforce applicable in several portions of the work area but always working in the exact direction of slider work stroke. If several forces are applied simultaneously on the work area, their common center has to be specified and compared with the tabular infos. The sum of all forces has to be lower than the corresponding tabular value.

**F<sub>s</sub>**

Max Work Force with shoulder

**F<sub>k</sub>**  
**k**

Max Work Force with fitting keys

Assembly with shoulder

		WIDTH				
		30	35	35	35	30
$\beta=0^\circ\div 60^\circ$		30	35	35	35	30
HEIGHT	40	65	119	263	119	65
	40	86	162	<b>340</b>	162	86
	40	74	129	307	129	70

Assembly with fitting keys

		WIDTH				
		30	35	35	35	30
$\beta=0^\circ\div 60^\circ$		30	35	35	35	30
HEIGHT	40	29	54	131	54	29
	40	39	73	<b>170</b>	73	39
	40	33	58	153	58	33