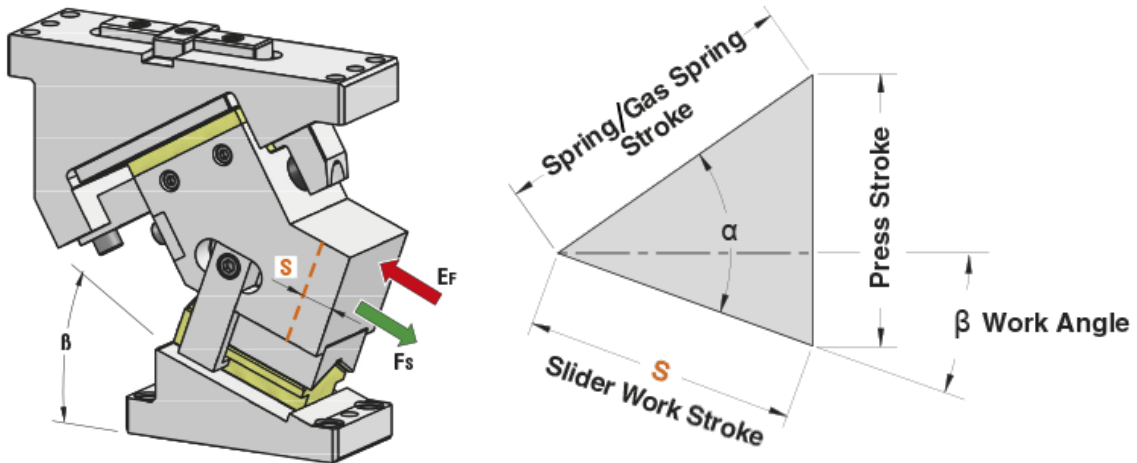




### 1. CAM DIAGRAM



OMCR CODE	Work Angle $\beta$	Slider Work Stroke S (mm)	Press Stroke (mm)	Spring / Gas Spring Stroke (mm)	$\alpha - \beta$	$\alpha$
CHR080.00	0°	32,14	38,30	50	50°	50°
CHR080.05	5°	35,49	38,45	50	45°	50°
CHR080.10	10°	38,89	38,89	50	40°	50°
CHR080.15	15°	42,40	39,65	50	35°	50°
CHR080.20	20°	46,08	40,76	50	30°	50°
CHR080.25	25°	50,00	42,26	50	25°	50°
CHR080.30	30°	54,25	44,23	50	20°	50°
CHR080.35	35°	58,96	46,76	50	15°	50°
CHR080.40	40°	64,28	50,00	50	10°	50°
CHR080.45	45°	70,44	54,17	50	5°	50°
CHR080.50	50°	77,79	59,59	50	0°	50°
CHR080.55	55°	78,46	64,27	45	0°	55°
CHR080.60	60°	80,00	69,28	40	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		
		25	30	25
$\beta=0^\circ \div 60^\circ$		25	80	42
HEIGHT	25	42	80	42
	25	54	121	54
	25	56	<b>153</b>	56

Assembly with fitting keys

		WIDTH		
		25	30	25
$\beta=0^\circ \div 60^\circ$		25	40	19
HEIGHT	25	19	40	19
	25	24	61	24
	25	25	<b>77</b>	25