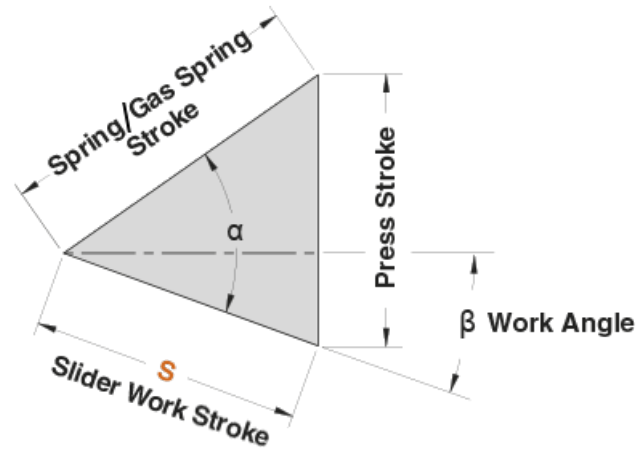
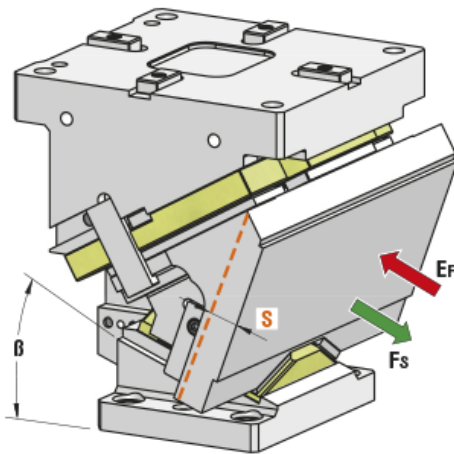




1. CAM DIAGRAM



OMCR CODE	Work Angle β	Slider Work Stroke S (mm)	Press Stroke (mm)	Spring / Gas Spring Stroke (mm)	$\alpha - \beta$	α
CHR400.00	0°	38,57	45,96	60	50°	50°
CHR400.05	5°	42,59	46,14	60	45°	50°
CHR400.10	10°	46,67	46,67	60	40°	50°
CHR400.15	15°	50,88	47,58	60	35°	50°
CHR400.20	20°	55,30	48,91	60	30°	50°
CHR400.25	25°	60,00	50,71	60	25°	50°
CHR400.30	30°	65,10	53,07	60	20°	50°
CHR400.35	35°	70,75	56,11	60	15°	50°
CHR400.40	40°	77,13	60,00	60	10°	50°
CHR400.45	45°	84,53	65,00	60	5°	50°
CHR400.50	50°	79,34	60,78	51	0°	50°
CHR400.55	55°	88,92	72,84	51	0°	55°
CHR400.60	60°	102,00	88,33	51	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_s

Max Work Force with shoulder

F_k
k

Max Work Force with fitting keys

Assembly with shoulder

		WIDTH						
		50	60	60	60	60	60	50
HEIGHT	55	51	138	192	284	192	138	51
	50	94	253	351	521	351	253	94
	55	78	208	290	430	290	208	78

Assembly with fitting keys

		WIDTH						
		50	60	60	60	60	60	50
HEIGHT	55	23	62	86	142	86	62	23
	50	42	114	158	260	158	114	42
	55	35	94	130	215	130	94	35