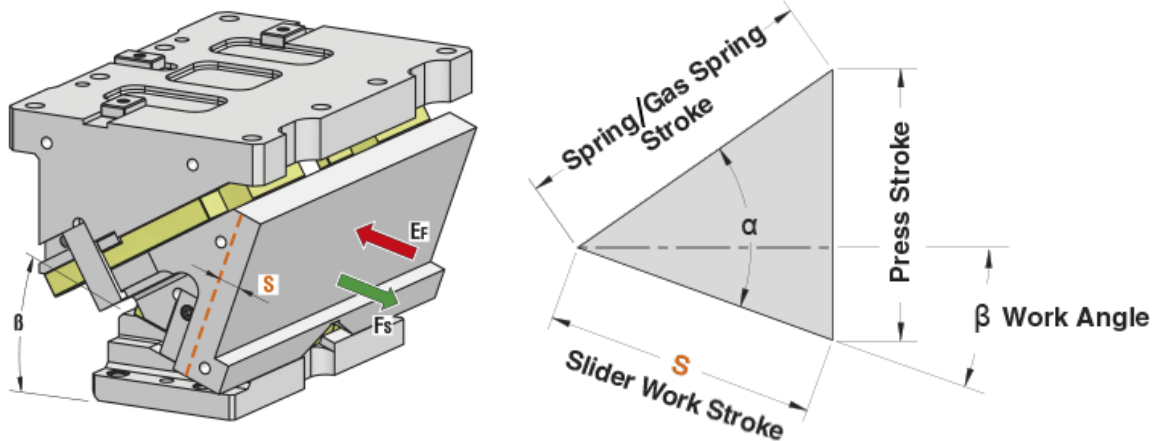




1. CAM DIAGRAM



OMCR CODE	Work Angle β	Slider Work Stroke S (mm)	Press Stroke (mm)	Spring / Gas Spring Stroke (mm)	$\alpha - \beta$	α
CLB500.00	0°	38,57	45,96	60	50°	50°
CLB500.05	5°	42,59	46,14	60	45°	50°
CLB500.10	10°	46,67	46,67	60	40°	50°
CLB500.15	15°	50,88	47,58	60	35°	50°
CLB500.20	20°	55,30	48,91	60	30°	50°
CLB500.25	25°	60,00	50,71	60	25°	50°
CLB500.30	30°	65,10	53,07	60	20°	50°
CLB500.35	35°	70,75	56,11	60	15°	50°
CLB500.40	40°	77,13	60,00	60	10°	50°
CLB500.45	45°	84,53	65,00	60	5°	50°
CLB500.50	50°	93,34	71,51	60	0°	50°
CLB500.55	55°	104,61	85,69	60	0°	55°
CLB500.60	60°	120,00	103,92	60	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	50	60	60	60	60	60	50	50
HEIGHT	60	73	125	197	273	405	273	197	125	73
	60	134	230	360	501	743	501	360	230	134
	60	111	190	297	413	613	413	297	190	111

Assembly with fitting keys

		WIDTH								
		50	50	60	60	60	60	60	50	50
HEIGHT	60	33	56	88	123	203	123	88	56	33
	60	60	103	162	225	371	225	162	103	60
	60	50	85	134	186	307	186	134	85	50