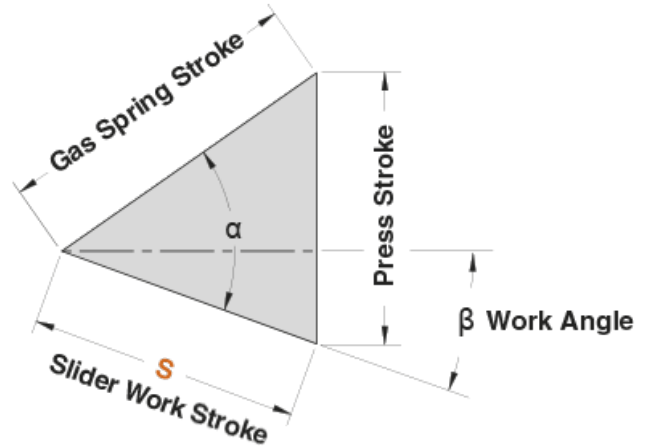
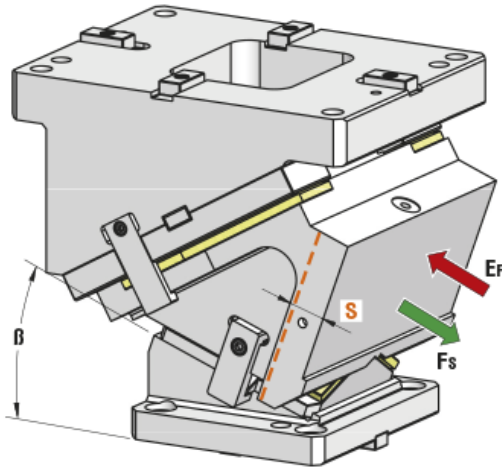




1. CAM DIAGRAM



OMCR CODE	Work Angle β	Slider Work Stroke S (mm)	Press Stroke (mm)	Spring / Gas Spring Stroke (mm)	$\alpha - \beta$	α
CHY300.00	0°	38,57	45,96	60	50°	50°
CHY300.05	5°	42,59	46,14	60	45°	50
CHY300.10	10°	46,67	46,67	60	40°	50°
CHY300.15	15°	50,88	47,58	60	35°	50
CHY300.20	20°	55,30	48,91	60	30°	50°
CHY300.25	25°	60,00	50,71	60	25°	50
CHY300.30	30°	65,10	53,07	60	20°	50°
CHY300.35	35°	70,75	56,11	60	15°	50
CHY300.40	40°	77,13	60,00	60	10°	50°
CHY300.45	45°	84,53	65,00	60	5°	50°
CHY300.50	50°	93,34	71,51	60	0°	50°
CHY300.55	55°	104,61	85,69	60	0°	55°
CHY300.60	60°	120,00	103,92	60	0°	60°
CHY300.65	65°	94,65	85,78	40	0°	65°
CHY300.70	70°	73,10	68,69	25	0°	70°
CHY300.75	75°	96,59	93,30	25	0°	75°



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				
		60	60	60	60	60
$\beta=0^\circ \div 75^\circ$		60	60	60	60	60
HEIGHT	50	74	137	301	137	74
	55	99	185	389	185	99
	50	85	148	351	148	85

Assembly with fitting keys

		WIDTH				
		60	60	60	60	60
$\beta=0^\circ \div 75^\circ$		60	60	60	60	60
HEIGHT	50	33	61	150	61	33
	55	44	83	195	83	44
	50	38	67	175	67	38