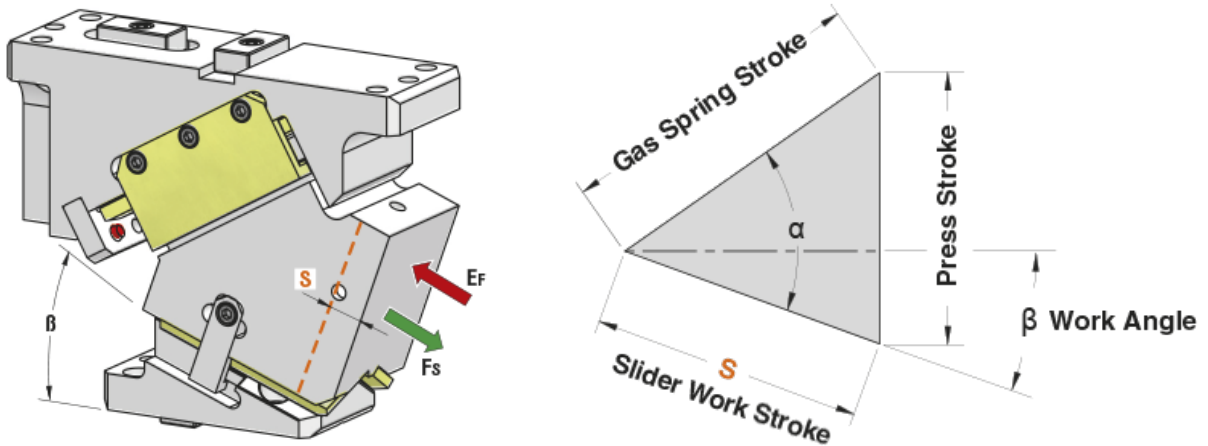




1. CAM DIAGRAM



OMCR CODE	Work Angle β	Slider Work Stroke S (mm)	Press Stroke (mm)	Spring / Gas Spring Stroke (mm)	$\alpha - \beta$	α
CHY085.00	0°	19,28	22,98	30	50°	50°
CHY085.05	5°	21,29	23,07	30	45°	50°
CHY085.10	10°	23,34	23,34	30	40°	50°
CHY085.15	15°	25,44	23,79	30	35°	50°
CHY085.20	20°	27,65	24,46	30	30°	50°
CHY085.25	25°	30,00	25,36	30	25°	50°
CHY085.30	30°	32,55	26,54	30	20°	50°
CHY085.35	35°	35,38	28,06	30	15°	50°
CHY085.40	40°	38,57	30,00	30	10°	50°
CHY085.45	45°	42,26	32,50	30	5°	50°
CHY085.50	50°	46,67	35,75	30	0°	50°
CHY085.55	55°	52,30	42,84	30	0°	55°
CHY085.60	60°	60,00	51,96	30	0°	60°
CHY085.65	65°	70,99	64,34	30	0°	65°
CHY085.70	70°	58,48	54,95	20	0°	70°
CHY085.75	75°	77,27	74,64	20	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		
		25	35	25
HEIGHT	35	17	63	17
	40	21	106	21
	35	19	87	19

Assembly with fitting keys

		WIDTH		
		25	35	25
HEIGHT	35	8	31	8
	40	9	53	9
	35	8	43	8