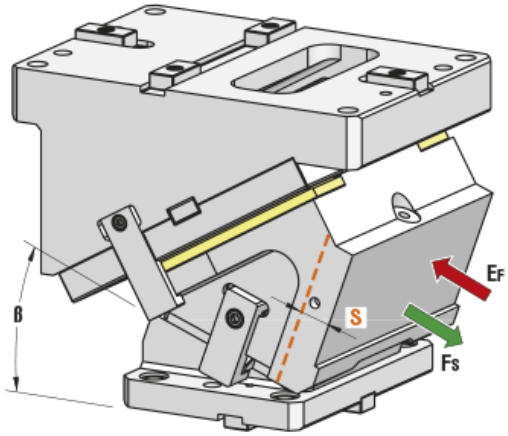
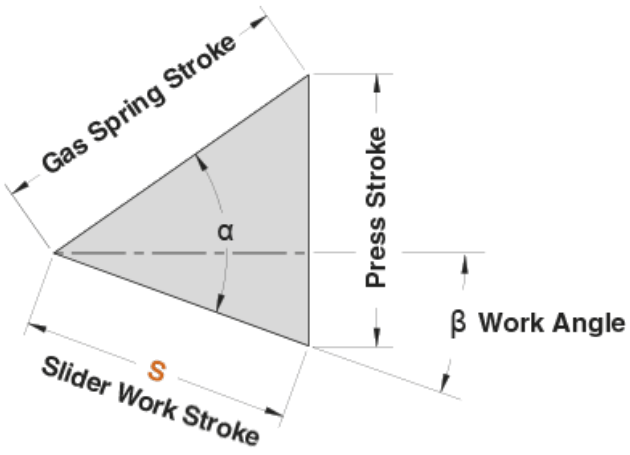
1. CAM DIAGRAM





OMCR CODE	Work Angle β	Slider Work Stroke S (mm)	Press Stroke (mm)	Spring / Gas Spring Stroke (mm)	α - β	α
CHY250.00	0°	32,14	38,30	50	50°	50°
CHY250.05	5°	35,49	38,45	50	45°	50°
CHY250.10	10°	38,89	38,89	50	40°	50°
CHY250.15	15°	42,40	39,65	50	35°	50°
CHY250.20	20°	46,08	40,76	50	30°	50°
CHY250.25	25°	50,00	42,26	50	25°	50°
CHY250.30	30°	54,25	44,23	50	20°	50°
CHY250.35	35°	58,96	46,76	50	15°	50°
CHY250.40	40°	64,28	50,00	50	10°	50°
CHY250.45	45°	70,44	54,17	50	5°	50°
CHY250.50	50°	77,79	59,59	50	0°	50°
CHY250.55	55°	52,30	42,84	30	0°	55°
CHY250.60	60°	60,00	51,96	30	0°	60°
CHY250.65	65°	70,99	64,34	30	0°	65°
CHY250.70	70°	58,48	54,95	20	0°	70°
CHY250.75	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 appliable 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.

Fs *Max Work Force with shoulder*

Fk *Max Work Force with fitting keys*

Assembly with shoulder

β=0°÷75°		WIDTH				
		50	50	50	50	50
HEIGHT	40	44	144	185	144	44
	35	73	195	**302**	195	73
	40	61	117	199	117	61

Assembly with fitting keys

β=0°÷75°		WIDTH				
		50	50	50	50	50
HEIGHT	40	20	65	92	65	20
	35	33	88	**151**	88	33
	40	28	53	99	53	28