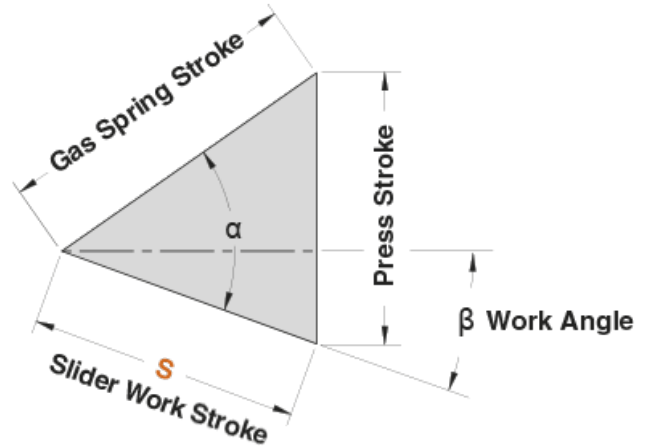
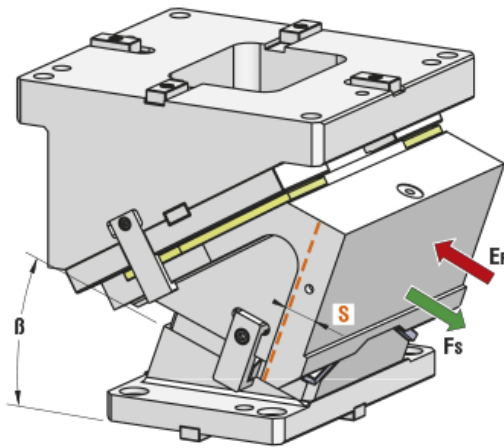




### 1. CAM DIAGRAM



OMCR CODE	Work Angle $\beta$	Slider Work Stroke S (mm)	Press Stroke (mm)	Spring / Gas Spring Stroke (mm)	$\alpha - \beta$	$\alpha$
CHY350.00	0°	38,57	45,96	60	50°	50°
CHY350.05	5°	42,59	46,14	60	45°	50
CHY350.10	10°	46,67	46,67	60	40°	50°
CHY350.15	15°	50,88	47,58	60	35°	50
CHY350.20	20°	55,30	48,91	60	30°	50°
CHY350.25	25°	60,00	50,71	60	25°	50
CHY350.30	30°	65,10	53,07	60	20°	50°
CHY350.35	35°	70,75	56,11	60	15°	50
CHY350.40	40°	77,13	60,00	60	10°	50°
CHY350.45	45°	84,53	65,00	60	5°	50°
CHY350.50	50°	93,34	71,51	60	0°	50°
CHY350.55	55°	87,17	71,41	50	0°	55°
CHY350.60	60°	90,00	77,94	45	0°	60°
CHY350.65	65°	94,65	85,78	40	0°	65°
CHY350.70	70°	87,71	82,42	30	0°	70°
CHY350.75	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<sub>s</sub>**

Max Work Force with shoulder

**F<sub>k</sub>**  
**k**

Max Work Force with fitting keys

Assembly with shoulder

		WIDTH				
		70	70	70	70	70
$\beta=0^\circ \div 75^\circ$		70	70	70	70	70
HEIGHT	50	81	150	331	150	81
	55	109	203	428	203	109
	50	93	163	386	163	93

Assembly with fitting keys

		WIDTH				
		70	70	70	70	70
$\beta=0^\circ \div 75^\circ$		70	70	70	70	70
HEIGHT	50	37	68	165	68	37
	55	49	92	214	92	49
	50	42	73	193	73	42