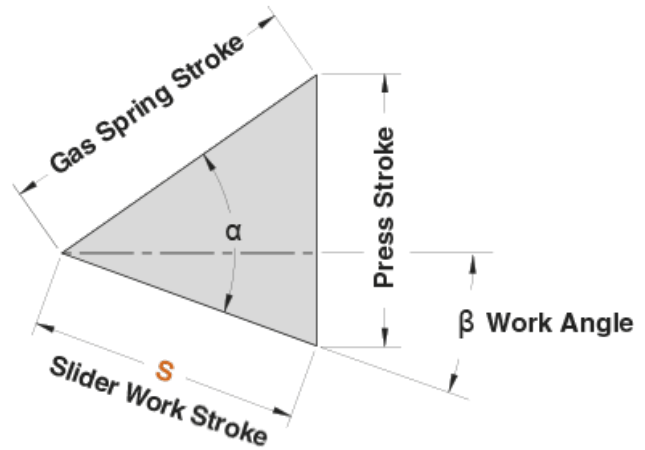
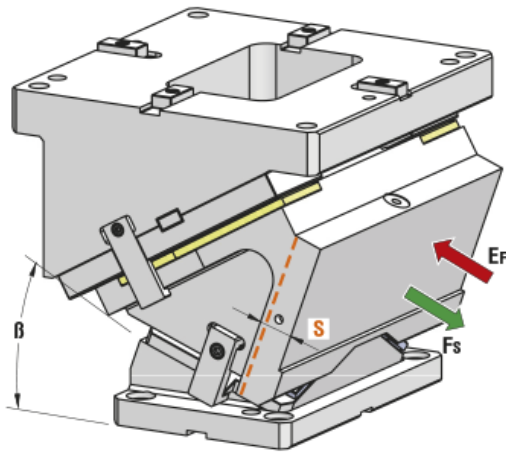




### 1. CAM DIAGRAM



OMCR CODE	Work Angle $\beta$	Slider Work Stroke S (mm)	Press Stroke (mm)	Spring / Gas Spring Stroke (mm)	$\alpha - \beta$	$\alpha$
CHY400.00	0°	38,57	45,96	60	50°	50°
CHY400.05	5°	42,59	46,14	60	45°	50
CHY400.10	10°	46,67	46,67	60	40°	50°
CHY400.15	15°	50,88	47,58	60	35°	50
CHY400.20	20°	55,30	48,91	60	30°	50°
CHY400.25	25°	60,00	50,71	60	25°	50
CHY400.30	30°	65,10	53,07	60	20°	50°
CHY400.35	35°	70,75	56,11	60	15°	50
CHY400.40	40°	77,13	60,00	60	10°	50°
CHY400.45	45°	84,53	65,00	60	5°	50°
CHY400.50	50°	93,34	71,51	60	0°	50°
CHY400.55	55°	104,61	85,69	60	0°	55°
CHY400.60	60°	120,00	103,92	60	0°	60°
CHY400.65	65°	94,65	85,78	40	0°	65°
CHY400.70	70°	73,10	68,69	25	0°	70°
CHY400.75	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						
		50	60	60	60	60	60	50
HEIGHT	$\beta=0^\circ \div 75^\circ$							
	50	47	125	174	258	174	125	47
	55	85	229	319	473	319	229	85
	50	70	189	263	390	263	189	70

### Assembly with fitting keys

		WIDTH						
		50	60	60	60	60	60	50
HEIGHT	$\beta=0^\circ \div 75^\circ$							
	50	21	56	78	129	78	56	21
	55	38	103	143	237	143	103	38
	50	32	85	118	195	118	85	32