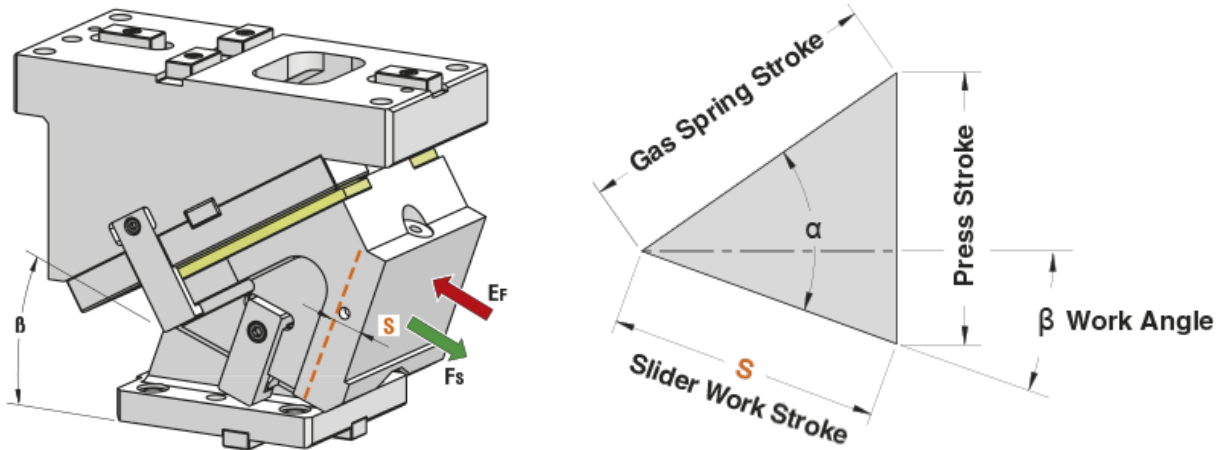




### 1. CAM DIAGRAM



OMCR CODE	Work Angle $\beta$	Slider Work Stroke S (mm)	Press Stroke (mm)	Spring / Gas Spring Stroke (mm)	$\alpha - \beta$	$\alpha$
CHY165.00	0°	32,14	38,30	50	50°	50°
CHY165.05	5°	35,49	38,45	50	45°	50°
CHY165.10	10°	38,89	38,89	50	40°	50°
CHY165.15	15°	42,40	39,65	50	35°	50°
CHY165.20	20°	46,08	40,76	50	30°	50°
CHY165.25	25°	50,00	42,26	50	25°	50°
CHY165.30	30°	54,25	44,23	50	20°	50°
CHY165.35	35°	58,96	46,76	50	15°	50°
CHY165.40	40°	64,28	50,00	50	10°	50°
CHY165.45	45°	70,44	54,17	50	5°	50°
CHY165.50	50°	77,79	59,59	50	0°	50°
CHY165.55	55°	61,02	49,99	35	0°	55°
CHY165.60	60°	40,00	34,64	20	0°	60°
CHY165.65	65°	47,32	42,89	20	0°	65°
CHY165.70	70°	58,48	54,95	20	0°	70°
CHY165.75	75°	57,96	55,98	15	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.



Max Work Force with shoulder



Max Work Force with fitting keys

Assembly with shoulder

		WIDTH				
		30	35	35	35	30
HEIGHT	$\beta=0^\circ \div 75^\circ$	45	87	154	87	45
	40	54	103	<b>183</b>	103	54
	35	37	71	126	71	37

Assembly with fitting keys

		WIDTH				
		30	35	35	35	30
HEIGHT	$\beta=0^\circ \div 75^\circ$	20	39	77	39	20
	40	24	46	<b>92</b>	46	24
	35	17	32	63	32	17