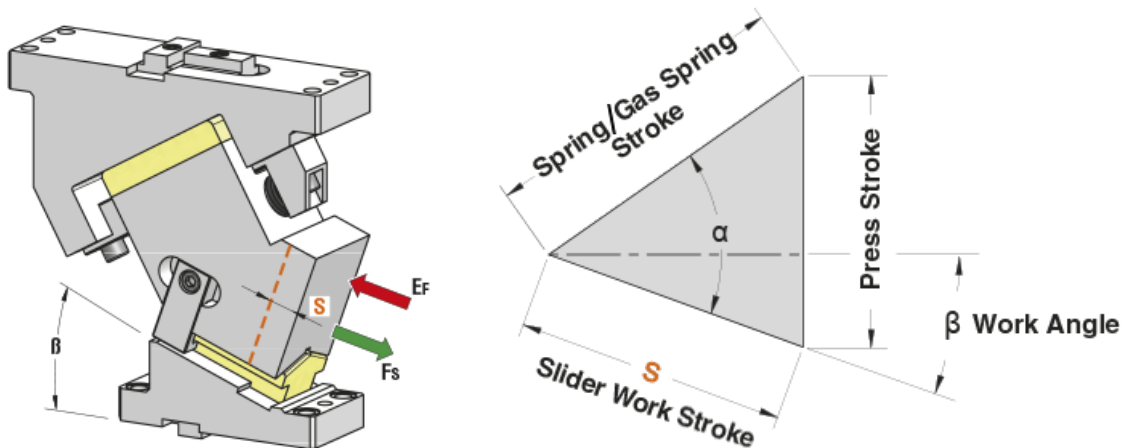


## 1. CAM DIAGRAM



OMCR CODE	Work Angle $\beta$	Slider Work Stroke S (mm)	Press Stroke (mm)	Spring / Gas Spring Stroke (mm)	$\alpha - \beta$	$\alpha$
CHD080.00	0°	30,21	36,00	47	50°	50°
CHD080.05	5°	30,52	33,07	43	45°	50°
CHD080.10	10°	31,11	31,11	40	40°	50°
CHD080.15	15°	33,92	31,72	40	35°	50°
CHD080.20	20°	32,26	28,53	35	30°	50°
CHD080.25	25°	35,00	29,58	35	25°	50°
CHD080.30	30°	34,72	28,31	32	20°	50°
CHD080.35	35°	37,73	29,93	32	15°	50°
CHD080.40	40°	39,85	31,00	31	10°	50°
CHD080.45	45°	43,67	33,58	31	5°	50°
CHD080.50	50°	46,67	35,75	30	0°	50°
CHD080.55	55°	53,84	41,40	31	-5°	50°
CHD080.60	60°	61,06	47,49	31	-10°	50°
CHD080.65	65°	70,85	56,19	31	-15°	50°



## 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

**For CHD080 and CHD080SL with  $SL \leq 30$  mm**

Assembly with shoulder

		WIDTH		
		25	30	25
HEIGHT	$\beta=0^\circ \div 65^\circ$			
	29	37	94	37
	30	44	149	44
	29	43	142	43

Assembly with fitting keys

		WIDTH		
		25	30	25
HEIGHT	$\beta=0^\circ \div 65^\circ$			
	29	32	41	6
	30	35	53	7
	29	35	46	6

**For CHD080SL with  $30 < SL \leq 60$  mm**

		WIDTH		
		25	30	25
HEIGHT	$\beta=0^\circ \div 65^\circ$			
	29	30	75	30
	30	35	119	35
	29	34	113	34

		WIDTH		
		25	30	25
HEIGHT	$\beta=0^\circ \div 65^\circ$			
	29	30	41	30
	30	35	53	35
	29	34	46	34