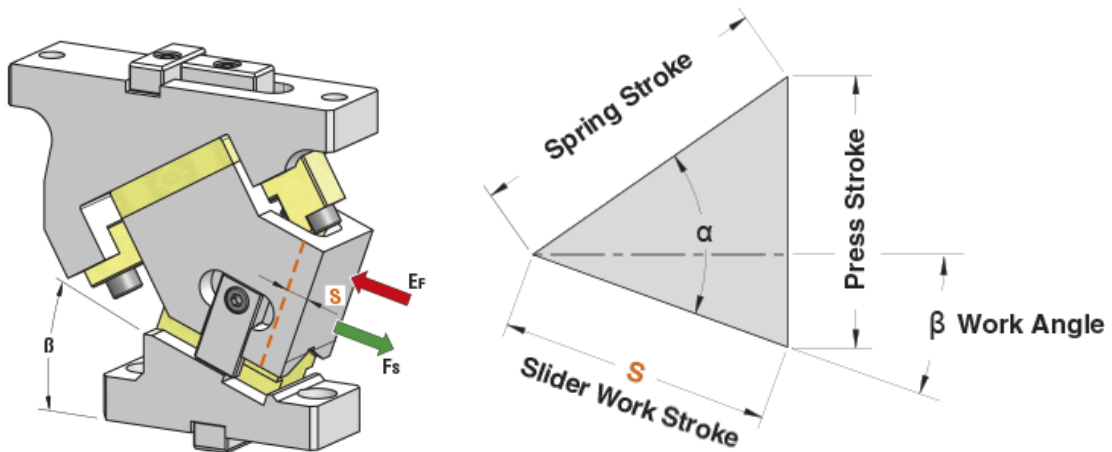


## 1. CAM DIAGRAM



OMCR CODE	Work Angle $\beta$	Slider Work Stroke S (mm)	Press Stroke (mm)	Spring Stroke (mm)	$\alpha - \beta$	$\alpha$
CHD050.00	0°	14,98	17,85	23,3	50°	50°
CHD050.05	5°	15,62	16,92	22	45°	50°
CHD050.10	10°	15,64	15,64	20,1	40°	50°
CHD050.15	15°	16,96	15,86	20	35°	50°
CHD050.20	20°	18,43	16,30	20	30°	50°
CHD050.25	25°	18,00	15,21	18	25°	50°
CHD050.30	30°	17,36	14,15	16	20°	50°
CHD050.35	35°	18,87	14,96	16	15°	50°
CHD050.40	40°	20,57	16,00	16	10°	50°
CHD050.45	45°	22,54	17,33	16	5°	50°
CHD050.50	50°	23,34	17,88	15	0°	50°
CHD050.55	55°	26,05	20,03	15	-5°	50°
CHD050.60	60°	31,51	24,51	16	-10°	50°
CHD050.65	65°	36,57	29,00	16	-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 CHD050 and CHD050SL with $SL \leq 30$ mm

#### Assembly with shoulder

		WIDTH		
		15	20	15
HEIGHT	$\beta=0^\circ \div 65^\circ$			
	20	18	37	18
	25	23	60	23
	20	21	33	21

#### Assembly with fitting keys

		WIDTH		
		15	20	15
HEIGHT	$\beta=0^\circ \div 65^\circ$			
	20	9	10	9
	25	12	16	12
	20	15	22	15

### For CHD050SL with $30 < SL \leq 60$ mm

		WIDTH		
		15	20	15
HEIGHT	$\beta=0^\circ \div 65^\circ$			
	20	9	22	9
	25	13	39	13
	20	15	29	15

		WIDTH		
		15	20	15
HEIGHT	$\beta=0^\circ \div 65^\circ$			
	20	9	10	9
	25	12	16	12
	20	15	22	15