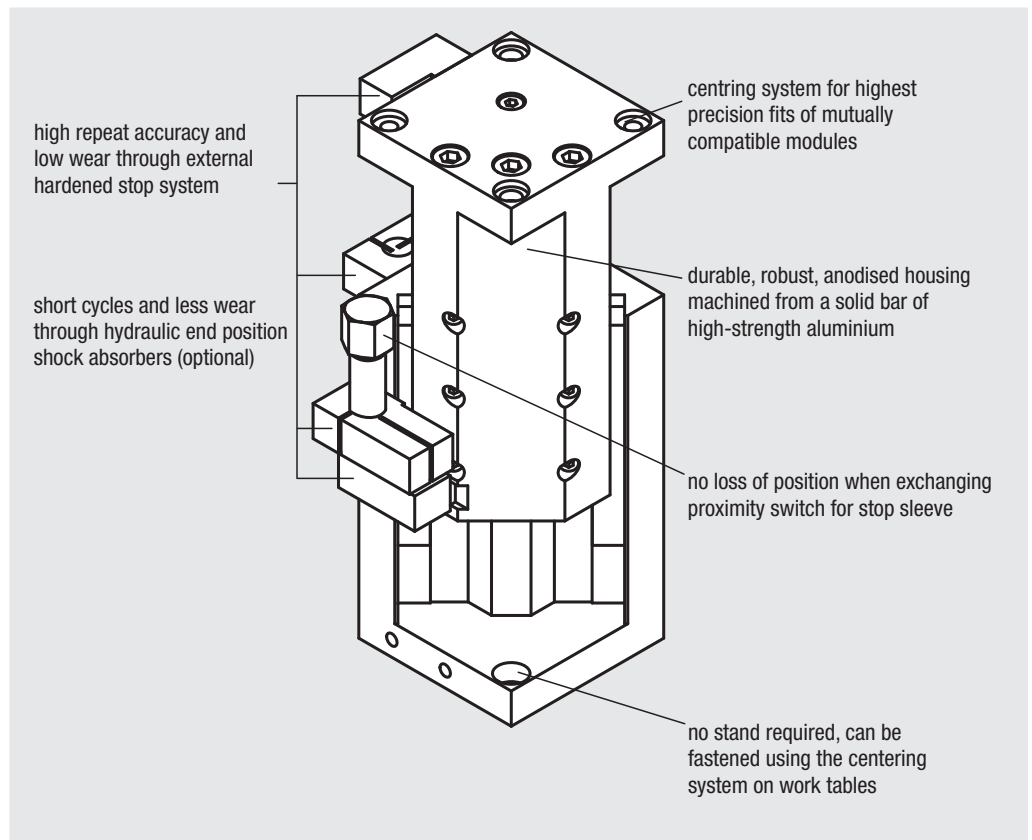


# Technical information for pneumatic lifting units

Highly robust lifting units for universal application as short stroke modules. The standardised fastening holes enable diverse combinations with our other units. Precise centring system enables all modules to be combined with one another quickly and easily. Same size combinations without adapter plates.

- piston force at 6 bar: 80 N – 360 N.
- cylinder diameter: 16 mm – 32 mm.
- stroke lengths: 10 mm – 100 mm.
- repeat accuracy: up to  $\pm 0.01$  mm.
- diverse fastening possibilities.
- double junction rolling guide for high torque loads and precision.
- ball-bearing guide sealed for hard application conditions with high precision.



Travel times				
norelem	Size	Travel lengths (mm)	Load (kg)	time / cycle (with shock absorbers)
20050	4	10 / 25	0,200	0,3 s / 0,4 s
20050	6	25 / 50	0,200	0,3 s / 0,4 s
20054	6	50 / 75 / 100	5,000	0,5 s / 0,7 s / 0,8 s
20056	9	50 / 75 / 100	10,000	0,5 s / 0,7 s / 0,9 s

The specified guide values for cycle times were ascertained under operation specific conditions and represent effective values.

Selection overview				
Guidance	Cross roller		Sealed ball guide	
Design	compact	compact	robust	robust
Size	4	6	6	6
Travel lengths (mm)	10 / 25	25 / 50	50 / 75 / 100	50 / 75 / 100
Piston force at 6 bar (N)	80	185	220	360
Cylinder Ø (mm)	16	25	25	32
norelem	20050	20050	20054	20056