



Pneumatic cylinders series 61

Features :

- Single and double-acting, magnetic, cushioned;
- Standard, low friction and low temperatures versions;
- In compliance with ISO 15552 standards and with the previous DIN/ISO 6431-VDMA 24562 standards;

Specificații tehnice:

Type of construction	With tie-rods (inside the profile)
Materials	AL body, end-blocks and piston, rolled stainless steel rod, NBR seals
Type of mounting	With front / rear flange, foot mounting, with front / rear / centre / swivel trunnion
Stroke min – max (mm)	10 ÷ 2500mm
Operation	Double or single-acting, tandem. Low friction version: double-acting only
Bore	Ø 32, 40, 50, 63, 80, 100, 125 mm
Operating temperature	Standard 0 ÷ 80°C (with dry air -20°C), -50 ÷ 60°C low temperature
Speed	10 ÷ 1000 mm/sec (no load), 5 ÷ 1000mm/sec no load (low friction)
Operating pressure	1 ÷ 10bar standard and low temperature, 0.1 ÷ 10bar low friction
Fluid	Filtered air, without lubrication. For lubricated air it is recommended ISO VG32

Order code -□-□-□-□-□-□-□-□:

Version	M	Standard magnetic
	L	Low friction, magnetic
Operation / pneumatic symbols	1	Single-acting, front spring (Ø32 ± Ø100) / CS07
	2	Double-acting, front and rear cushioned / CD09
	3	Double-acting, no cushion / CD08
	4	Double-acting, rear cushioned / CD10
	5	Double-acting, front cushioned / CD11
	6	double-acting, through-rod, front and rear cushioned / CD 13
	7	single-acting, through-rod / CS 11
Bore	032	32 mm
	040	40 mm
	050	50 mm
	063	63 mm
	080	80 mm
	100	100mm
	125	125 mm
Construction	A	Standard with rod nut
	RL	Cylinder with rod lock



Standard strokes and symbols:

Ø	25	50	75	80	100	125	150	160	200	250	300	320	400	500
32	■ x	■ x	■ x	x	x	x	x	x	x	x	x	x	x	x
40	■ x	■ x	■ x	x	x	x	x	x	x	x	x	x	x	x
50	■ x	■ x	■ x	x	x	x	x	x	x	x	x	x	x	x
63	■ x	■ x	■ x	x	x	x	x	x	x	x	x	x	x	x
80	■ x	■ x	■ x	x	x	x	x	x	x	x	x	x	x	x
100		■ x	■ x	x	x	x	x	x	x	x	x	x	x	x
125		x	x	x	x	x	x	x	x	x	x	x	x	x

■ - double acting, x – single acting ;

