PISTOR 75

The pneumatic PISTOR power cylinder can be used as an actuator in manual and automatic control of control valves and louvers.

Technical specification

	Туре	
	PISTOR 75/150	PISTOR 75/300
Piston diameter:	75 mm	75 mm
Stroke S:	150 mm	300 mm
Effective cross-sectional area of piston:	41 cm ²	41 cm ²
Output force for 3 bar supply pressure: for 6 bar supply pressure: 	1200 N 2400 N	1200 N 2400 N
Output work (moment of force) - for 3 bar supply pressure: - for 6 bar supply pressure: Typical time for full stroke: Weight:	180 Nm 360 Nm 12 s 2.8 kg	360 Nm 720 Nm 20 s 3.4 kg

Supply pressure: 3 to 6 bar.

Control pressure range

- with standard adjustment: 0.2 to 1.0 bar
- on separate order: 0.4 to 0.9 bar spans.

Operating temperature:

-10 to +80 °C

Air consumption

for 3 bar supply pressure: 15 litres/min (at STP)
for 6 bar supply pressure: 25 litres/min (at STP)

Max. error of adjustment: ± 2 %.

Sensitivity: 0.3 %.

Load effect

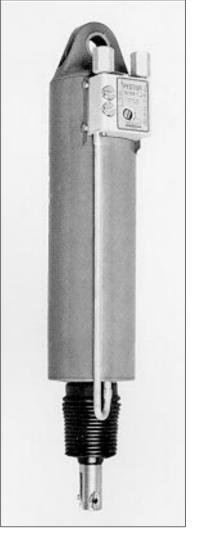
- for a load change from 0 to 80 % of the max. force obtainable for the supply pressure in use, the effect is 4 % of max.stroke per 1000 N.

Materials

body: light alloy with epoxy powder paint, bearing bush of bronze
piston rod: ground and polished AISI 316 acid-resistant steel
piston and 0-rings: silicone rubber (max. 80°C).

Connections

- 1/4-18NPSF female threads.



We reserve the right to make technical changes without prior notice. Performance is indicated in accordance with IEC546 and IEC770 recommendations.

