

baelz 373-P21

DESCRIPTION

baelz 373-P21 compact pneumatic linear actuators with aluminum housing EN AC-AlSi9Cu3(Fe) and NBR diaphragm.
For control valves up to DN 125.

TECHNICAL SPECIFICATIONS

Ambient conditions: temperature: 0 ... +80° C;
relative humidity: 0 ... 70%
Max. supply air pressure: 6 bar
Air connection: push-in fitting for tube Ø 8 mm
Yoke and coupling made of aluminum (P21L: coupling zinc plated steel), fasteners made of zinc plated steel.
Stroke: 8, 12, 16, 22 mm
Number of springs: 3, 6, 12, 18 or 6 reinforced (V6)

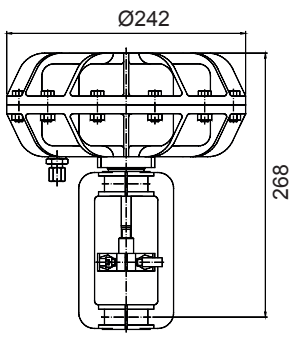
OPTIONS

Fo = Spring above: spindle extended is normal position. The springs extend the spindle, compressed air retracts the spindle.
Fu = Spring below: spindle retracted is normal position. The springs retract the spindle, compressed air extends the spindle.
M**anual operation:**
P21-H21 (for 3, 6, 12, 18 spring) - handwheel Ø120 mm
P21-V6-H21 (for reinforced spring) - handwheel Ø 200 mm
Yoke options:
S21 yoke (standard) - for valves with spindle Ø10 mm
S21-L yoke - for valves with spindle Ø16 mm
S23 yoke - spindle Ø10 mm (for high differential pressures)
S23L yoke - spindle Ø16 mm (for high differential pressures)

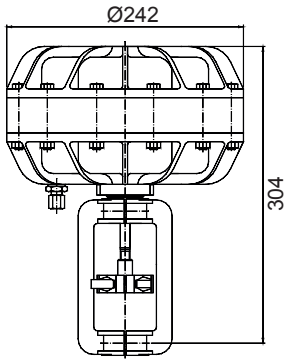
Options					
Designation	**Valve Spindle Ø (mm)**	**Force (N)**	**Min. supply air pressu-re (bar)**	**№ springs**	**Weight, approx. (kg)**
P21-3-Fo/Fu	10	1020	1.2	3	5.3
P21L-3-Fo/Fu	16				
P21-6-Fo/Fu	10	2040	3	6	5.6
P21L-6-Fo/Fu	16				
P21-12-Fo/Fu	10	3390	6	12	5.9
P21L-12-Fo/Fu	16				
P21-18-Fo/Fu	10	4030	6	18	6
P21L-18-Fo/Fu	16				
P21-V6-Fo/Fu	10	7590	6	6	8.8
P21L-V6-Fo/Fu	16				
+H21	-				+2

Extras	Order number
Mechanical stroke limitation	MP373-P21-1411
Silicone membrane, Ambient temperature 0...100 °C	MP373-P21-501
Polyester coated inside and out, black, for hydraulic operation, includes coating of yoke. With stainless steel fittings and yoke connection. Ambient temperature max. 50 °C	MP373-P21-521
Special coating, FDA approved, includes coating of yoke. With stainless steel fittings and yoke connection.	MP373-P21-531

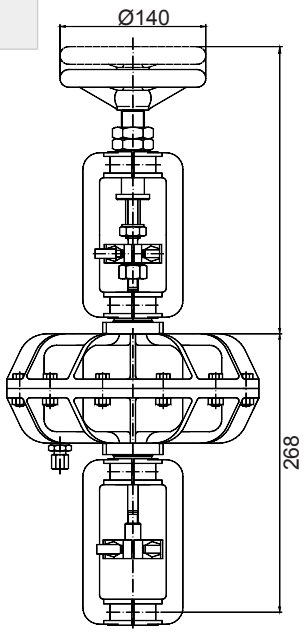
baelz 373-P21 dimensions (mm)



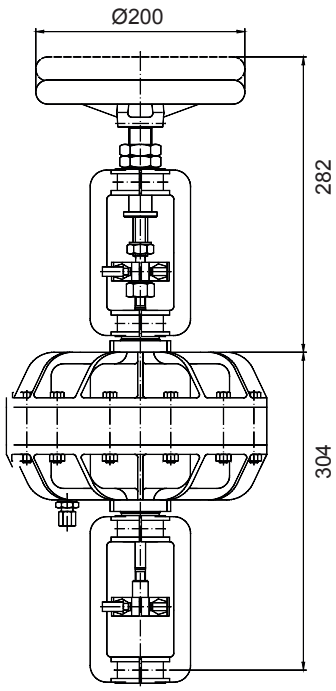
Actuator baelz
373-P21-S21



Actuator baelz
373-P21-V6-S21



baelz
373-P21-S21-H21



baelz
373-P21-V6-S21-H21

W. Baelz & Sohn GmbH & Co. • Koepffstrasse 5 • 74076 Heilbronn • Germany • mail@baelz.de • **www.baelz.de**