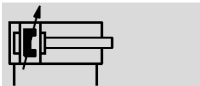
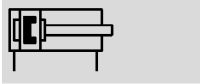


Standard cylinders DSNU, ISO 6432

FESTO

Technical data

Function

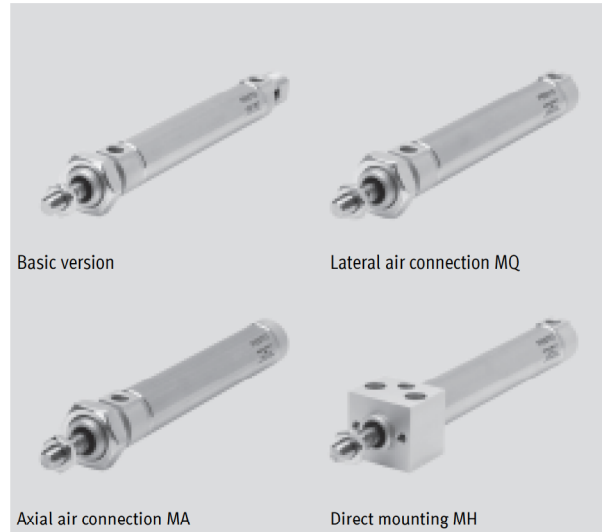


Ø Diameter
8 ... 25 mm

Stroke length
1 ... 500 mm

Variants

→ 17



General technical data						
Piston Ø	8	10	12	16	20	25
Pneumatic connection	M5	M5	M5	M5	G1/8	G1/8
Piston rod thread	M4	M4	M6	M6	M8	M10x1.25
Constructional design	Piston					
	Piston rod					
	Cylinder barrel					
Cushioning	P	Flexible cushioning rings/pads at both ends				
	PPV	Adjustable cushioning at both ends				
	PPS	Self-adjusting cushioning at both ends				
Cushioning length	PPV	[mm]	9	12	15	17
	PPS	[mm]		12	15	17
Position sensing	Via proximity sensor					
Type of mounting	Direct mounting (MH variant only)					
	Via accessories					
Mounting position	Any					

Note: This product conforms to ISO 1179-1 and to ISO 228-1

Operating conditions						
Piston Ø	8	10	12	16	20	25
Operating medium	Compressed air in accordance with ISO 8573-1:2010 [7:4:4]					
Note on operating/pilot medium	Operation with lubricated medium possible (in which case lubricated operation will always be required)					
Operating pressure	Basic version	[bar]	1.5 ... 10 ¹⁾	1 ... 10		
	S10		1.5 ... 10	1 ... 10		
	S11		0.45 ... 10	0.3 ... 10		

1) With DSNU-12- ...-PPV (pneumatic cushioning adjustable at both ends): 2 ... 10 bar

Ambient conditions					
Standard cylinder	Basic version	S6	S10	S11	R3
Ambient temperature ¹⁾	[°C]	-20 ... +80	0 ... +120	+5 ... +80	-20 ... +80
Corrosion resistance class CRC ²⁾		2	2	2	3
ATEX	Specified types → www.festo.com				

1) Note operating range of proximity sensors.

2) Corrosion resistance class 2 as per Festo standard 940 070

Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

Corrosion resistance class 3 as per Festo standard 940 070

Components requiring higher corrosion resistance. External visible parts in direct contact with industrial atmospheres or media such as solvents and cleaning agents, with a predominantly functional requirement for the surface.