C

Prestosil - Silencer and flow control valve

Principle

Prestosil silencers are designed for mounting into the exhaust valve of single acting cylinders or on the directional control valve.

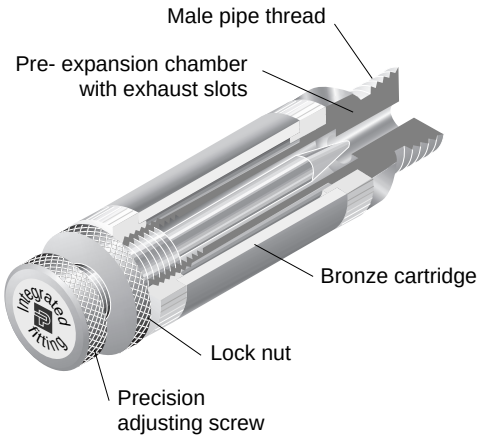
Operation

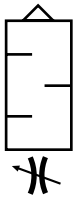
Noise reduction

The escaping air is pre-expanded in the chamber of the silencer. It then flows through a sintered bronze cartridge whose design provides a complete expansion of the exhaust air.

Flow control

The adjusting screw of the uni- direction flow control valve allows fine adjustment of the restriction and thus precise control of the piston-rod speed. The setting is secured by a lock nut.





Technical features

BODY MATERIAL	BOLT MATERIAL	NEEDLE VALVE MATERIAL	LOCKNUT MATERIAL	SILENCER THREAD	WORKING TEMPERATURE	WORKING PRESSURE
Aluminum	Bronze	Aluminum	Aluminum	1/8 BSPP 1/4 BSPP 3/8 BSPP 1/2 BSPP	From 0° to +200° F	140 PSI

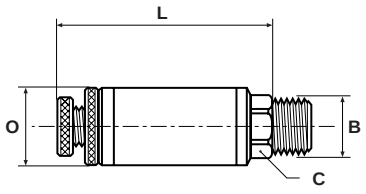
Noise reduction characteristics

At an average working pressure of 75 PSI the noise reduction achieved with the appropriate Prestosil model ranges from 22 to 37 dB.

PART NO.	WORKING PRESSURE						
	15 PSI	30 PSI	45 PSI	60 PSI	75 PSI	90 PSI	105 PSI
PRS 4-1/8	6	15	20	21	22	24	24
PRS 4-1/4	11	22	27	29	32	32	32
PRS 4-3/8	19	27	33	35	37	39	40
PRS 4-1/2	19	27	33	35	37	39	40

PRS Silencer and Flow Control Valve

PART NO.	B	C	L MIN.	L MAX.	O
PRS4-1/8	1/8	11	43	48	14
PRS4-1/4	1/4	14	60	68	17
PRS4-3/8	3/8	19	80	88	26
PRS4-1/2	1/2	22	83	91	26



Only items priced in current price list are carried in stock. Dimensions shown may be changed at any time without prior notice.