

Technical Features

- › Hardened precision parts
- › High flow capacity and leak-free closing
- › Wide range of manual operations
- › Standard version zinc-coated with surface protection acc. to ISO 9227 (240 h salt spray)

Functional Description

A manually operated, 2-way, blocking, push-to-open valve in the form of a screw-in cartridge. The preferential flow is from 2 to 1. The valve provides the possibility to throttle the flow. Position 0 middle hand lever position - the valve is closed. Position I opens the valve against the return spring.

Model Code	2S5	
Symbol		

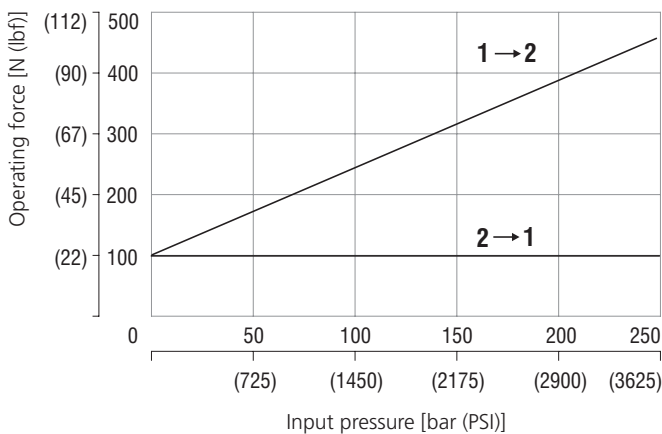
Technical Data

Valve size / Cartridge cavity		3/4-16 UNF-2A / A2 (C-8-2)	
Max. flow	l/min (GPM)	20 (5.3)	
Max. operating pressure	bar (PSI)	250 (3630)	
Max. operating force	N (lbf)	see characteristics	
Fluid temperature range (NBR)	°C (°F)	-30 ... 100 (-22 ... +212)	
Fluid temperature range (FPM)	°C (°F)	-20 ... 120 (-4 ... +248)	
Lifespan	cycles	10 ⁶	
Weight	model	1	2
	kg (lbs)	0.27 (0.60)	0.38 (0.84)

	Datasheet	Type
General information	GI_0060	Products and operating conditions
Valve bodies	In line mounted	SB-A2*
	Sandwich mounted	SB-*A2*
Cavity details / Form tools	SMT_0019	SMT-A2*
Spare parts	SP_8010	

Characteristics measured at $v = 32 \text{ mm}^2/\text{s}$ (156 SUS)

Operating limits



Pressure drop related to flow rate

