

Solenoid operated valves direct acting poppet type
2-way normally open
Common cavity, Size 08

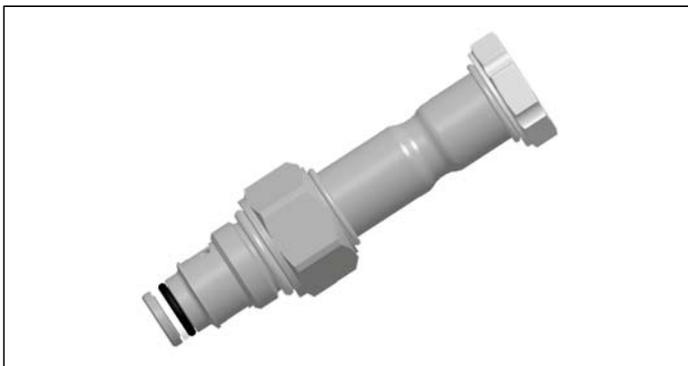
VED-16-08A-NA

OD.11 - X - 18 - Y - Z - 00

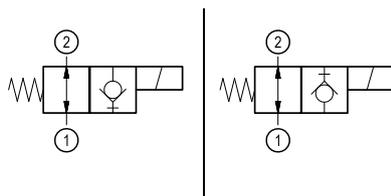
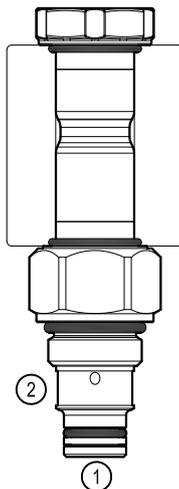
RE 18324-17

Edition: 03.2020

Replaces: 06.2019



PATENT PENDING



Technical data

General	
Weight	0.20 kg (0.44 lbs)
Installation orientation	Unrestricted
Storage ambient temperature range	-40 to 100 °C (-40 to 212 °F)
Operating ambient temperature range	-30 to 90 °C (-22 to 194 °F)
Salt spray test to DIN EN ISO 9227:2017-07	500h
Hydraulic	
Max. operating pressure	350 bar (5000 psi)
Rated flow	1.5 l/min (0.4 gpm)
Max. internal leakage:	20 drops/min.
Switching time	Closing ≤ 100 ms Opening ≤ 50 ms
Fluid temperature range	-20 to 80 °C (-4 to 176 °F)
Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 20 to 380 mm ² /s (cSt)	
Installation torque	39 - 51 Nm (29 - 38 ft-lbs)
Recommended degree of fluid contamination	Nominal value max. 10 µm (NAS 8) ISO 4406 19/17/14
MTTFD	150 years see RE 18350-51
Common cavity	CA-08A-2N see 18325-70
Seal kit for X=02,04	code RG08A2010520100 material no. R901101437
Seal kit coil and standard cap	code RG02Z0010000100 material no. R930067869
Seal kit coil and protective cap only for Y=B	code RG03Z0010000100 material no. R930067870
Seal kit coil and protective cap only for Y=C	code RG04Z0010000100 material no. R930069171
Other technical data	See data sheet 18350-50
Electrical	
Type of voltage	DC voltage
Coil type	D36
Supply voltage	See data sheet 18325-90
Voltage tolerance against ambient temperature	See characteristic curve
Power consumption	20 W
Type of protection	See data sheet 18325-90
Note: Coils must be ordered separately	

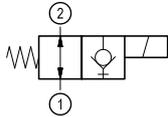
Ordering code

OD.11	X	18	Y	Z	0000	*
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Solenoid operated valves
direct acting poppet type
2-way normally open

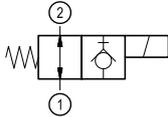
Series O/A to L
unchanged performances and dimensions

bidirectional type



02

bidirectional type



04

O = With buna seal
V = With Viton seal
P = With buna seal and protective cap for override version **B** and **C**
T = With Viton seal and protective cap for override version **B** and **C**

A = Standard
B = Push style manual override
C = Push and twist style manual override

Common cavity: CA-08A-2N

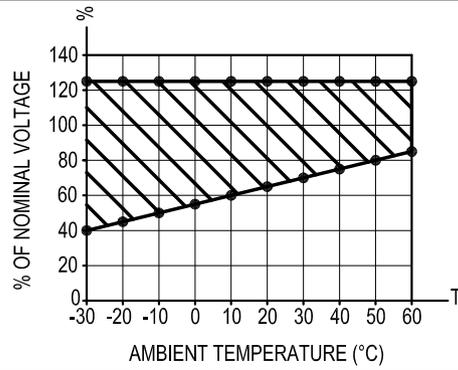
Preferred types

Type	Material number
OD110218A000000	R930066943
OD110218B000000	R930065612
OD110218C000000	R930066948
OD110418A000000	R930066947
OD110418B000000	R930066950
OD110418C000000	R930066946

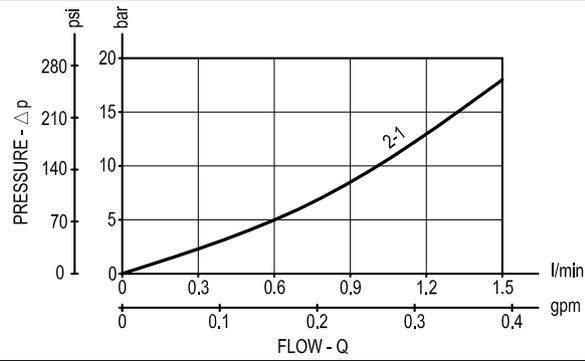
Type	Material number

Characteristic curves

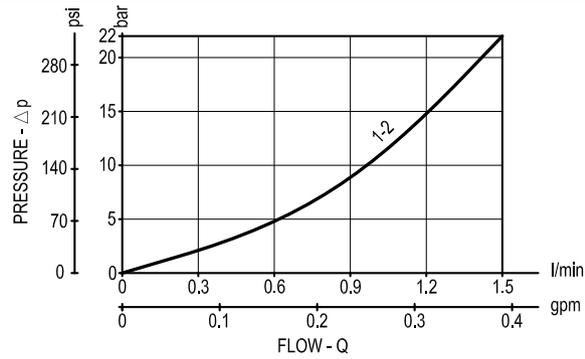
All Versions - Admissible supply voltage Vs. Ambient temperature at 100% duty cycle



Versions 02



Versions 04



Dimensions

Solenoid operated valves, poppet 2-way normally closed

