

Solenoid operated valves direct acting poppet type
 2-way double lock
 Special cavity, 019-E

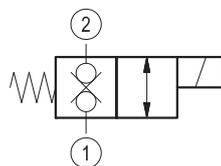
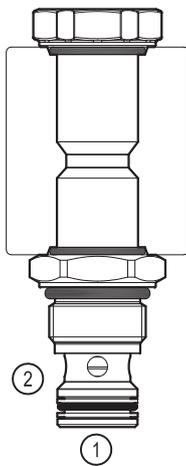
VEDT-16-08S-NC

OD.11 - X - 19 - Y - Z

RE 18323-99

Edition: 05.2017

Replaces: 12.2016

**Technical data**

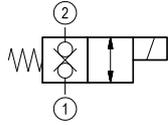
General	
Weight	0.12 kg (0.26 lbs)
Installation orientation	Unrestricted
Ambient temperature range	-30 to 90 °C (-22 to 194 °F)
Hydraulic	
Max. operating pressure	up to 250 bar (3625 psi)
Max. flow	up to 15 l/min. (4 gpm)
Max. internal leakage	5 drops/min
Fluid temperature range	-20 to 80 °C (-4 to 176 °F)
Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 20 to 380 mm ² /s (cSt)	
Installation torque	34 - 39 Nm (25 - 29 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
Special cavity	019-E see 18325-75
Lines bodies and standard assemblies	Please refer to section "Hydraulic integrated circuit" or consult factory
Other technical data	See data sheet 18350-50
Electrical	
Type of voltage	DC voltage
Coil type	D36
Supply voltage	See data sheet 18325-90
Admitted voltage tolerance:	see characteristic curves and table
Power consumption	20 W
Type of protection	See data sheet 18325-90
Note: Coils must be ordered separately	

Ordering code

OD.11	X	19	Y	Z	0000	*
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Solenoid operated valves
direct acting poppet type
2-way double lock

Series O/A to L
unchanged performances and dimensions



31

0 = With Buna seal
V = With Viton seal

A = Standard
B = Push style manual override

Special cavity: 019-E

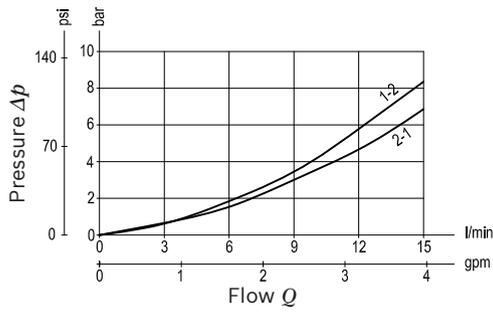
Type	Material number
OD113119A000000	R930058331
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Type	Material number

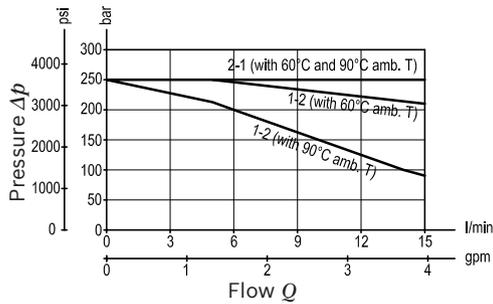
Characteristic curves

Version 31

Pressure drop

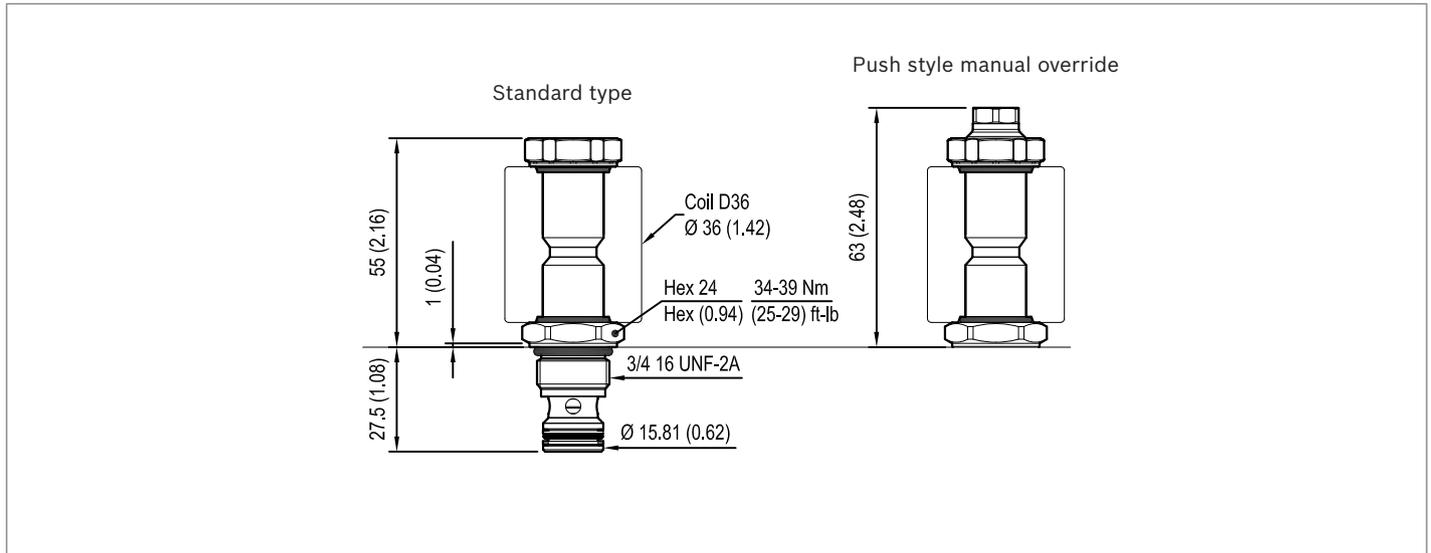


Performance limits at 100% duty cycle



Minimum switching voltage		
Flow direction	Amb. T	Voltage required
2-1	60°C	-20% of V nominal
2-1	90°C	V nominal
1-2	60°C	-10% of V nominal
1-2	90°C	V nominal

Note: in case of need of performance limits at specific different working conditions, please consult factory.

Dimensions**Solenoid operated valves, direct acting
poppet type 2-way double lock****Bosch Rexroth Oil Control S.p.A.**

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