

Solenoid operated valves pilot operated poppet type

2-way normally closed

Common cavity, Size 12

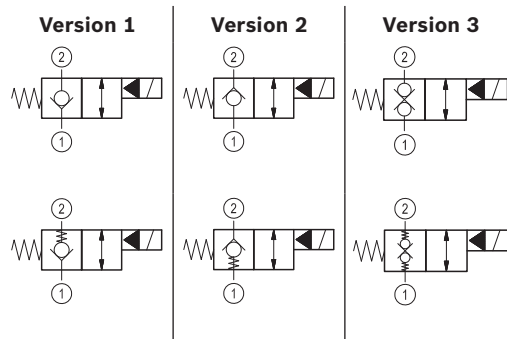
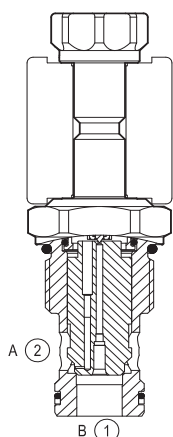
VEI-8A-12A-NC

OD.15 - X - 89 - Y - Z

RE 18323-13

Edition: 01.2016

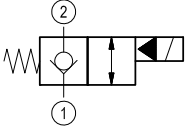
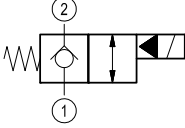
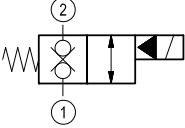
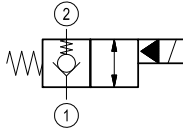
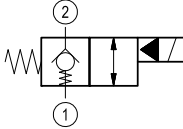
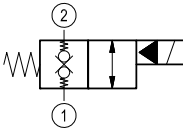
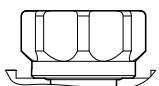
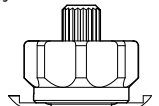
Replaces: 09.2011



Technical data

General		
Weight		0.22 kg (0.48 lbs)
Installation orientation		Optional
Ambient temperature range		-30 to 60 °C (-22 to 140 °F)
Hydraulic		
Max. operating pressure		350 bar (5000 psi)
Flow range		5 - 150 l/min (1 - 40 gpm)
Max. internal leakage		20 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		54 - 66 Nm (40 - 49 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
Cavity		CA-12A-2N see 18325-70
Lines bodies and standard assemblies	Please refer to section "Hydraulic integrated circuit" or consult factory	
Seal kit – version 1	code	RG12A2010520100
	material no.	R901111377
Seal kit – version 2-3	code	RG12A2010530100
	material no.	R930003374
Seal kit coil	code	RG12A1PNBR7010
	material no.	R934003958
Other technical data		See data sheet 18350-50
Electrical		
Type of voltage		DC voltage
Coil type		S8-356 see 18325-90
Supply voltage		See data sheet 18325-90
Nominal voltage		± 10%
Power consumption		20 W
Duty cycle coil		See characteristic curves %
Type of protection		See data sheet 18325-90
Note: Coils must be ordered separately		

Ordering code

OD.15	X	89	Y	Z
Solenoid operated valves pilot operated poppet type 2-way normally closed				
<div> <div> bidirectional type  </div> <div>05</div> </div>				
<div> <div> bidirectional type  </div> <div>03</div> </div>				
<div> <div> double lock  </div> <div>31</div> </div>				
<div> <div>  </div> <div>for X= 05</div> </div>				
<div> <div>  </div> <div>for X= 03</div> </div>				
<div> <div>  </div> <div>for X= 31</div> </div>				
<div> <div> standard type  </div> <div>3A</div> </div>				
<div> <div> knob style manual override  </div> <div>3D</div> </div>				
89 Common cavity: CA-12A-2N				

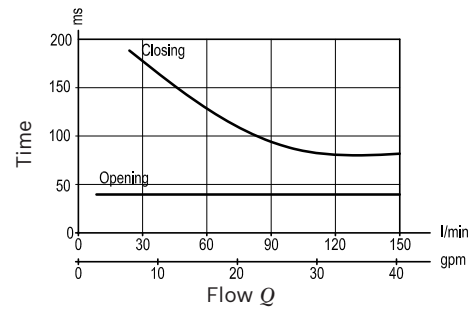
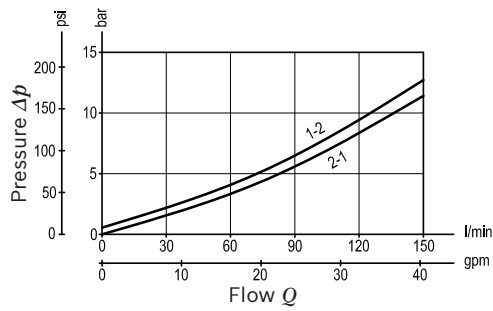
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OD1503893AS000	R901091116
OD1503893AS800	R901109961
OD1503893DS000	R901091117
OD1503893DS800	R901109962
OD1505893AS000	R901091127
OD1505893AS800	R901091128
OD1505893DS000	R901091129
OD1505893DS800	R901109978

Type	Material number
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OD1531893AS800	R901091169
OD1531893DS000	R901091170
OD1531893DS800	R901109990

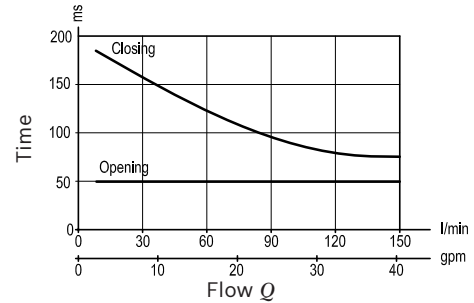
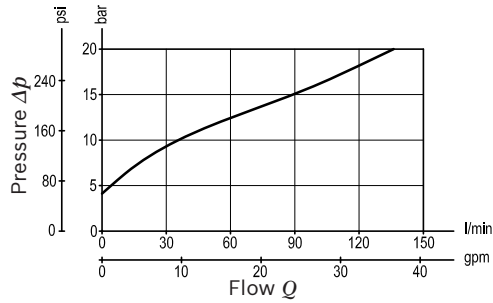
Characteristic curves

Version 1 – Version 2

Standard

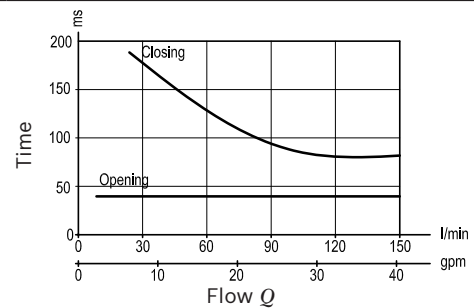
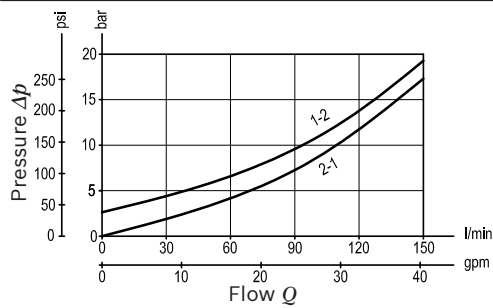


Extra spring

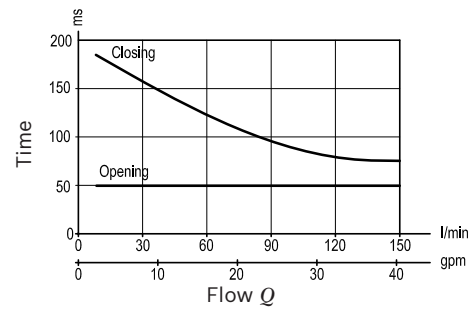
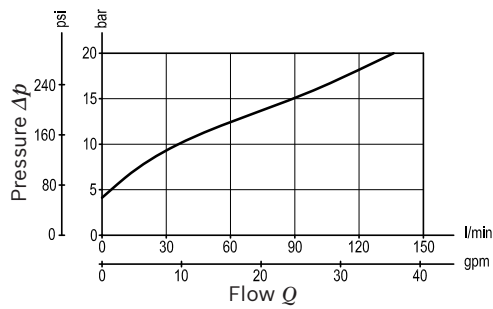


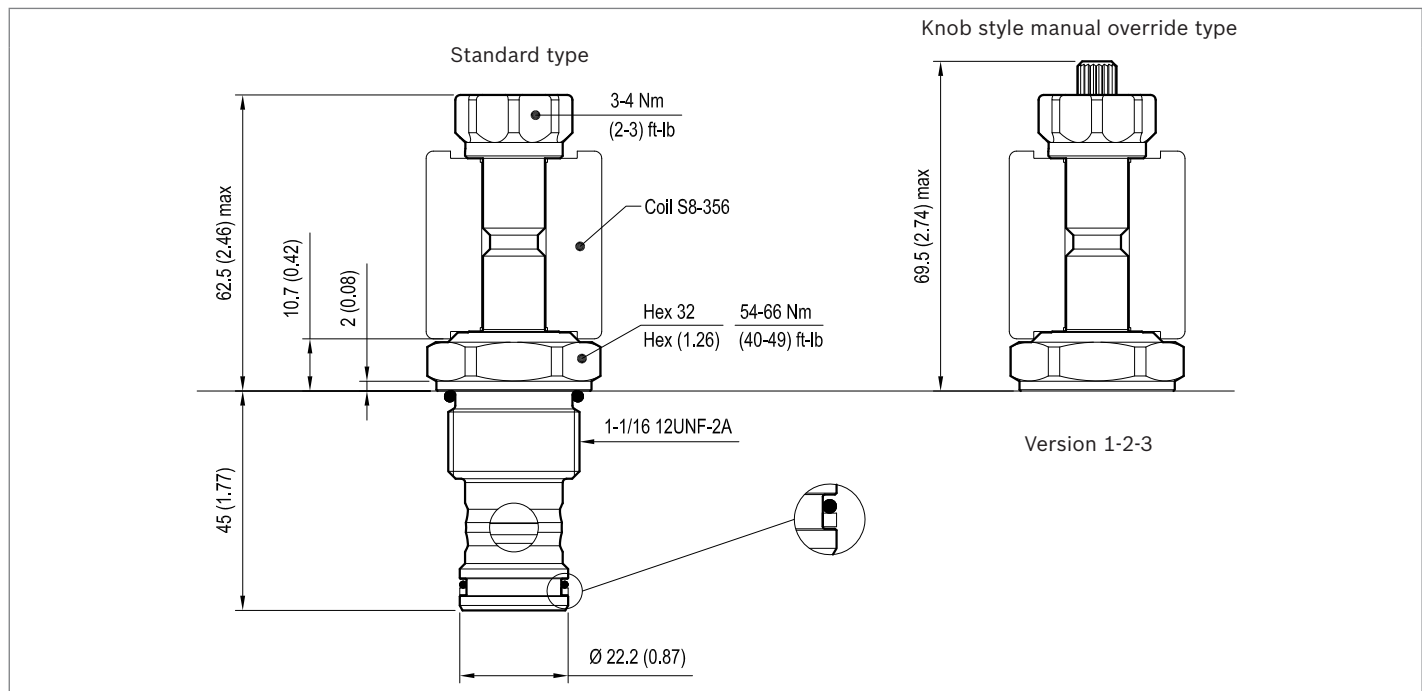
Version 3

Standard



Extra spring



Dimensions**Version 1: Solenoid operated valve, poppet 2-way
normally closed****Version 2: Solenoid operated valve, poppet 2-way
normally closed****Version 3: Solenoid operated valve, poppet 2-way double lock
normally closed**