

Solenoid operated valves pilot operated poppet type  
2-way normally open  
Special cavity, 017-E

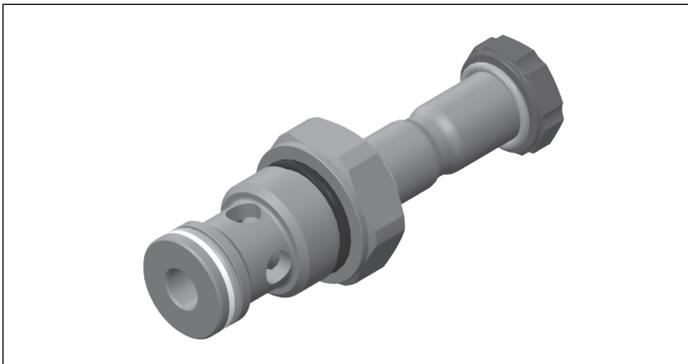
VEI-16-NA

OD.15 - X - 17 - Y - Z - 00

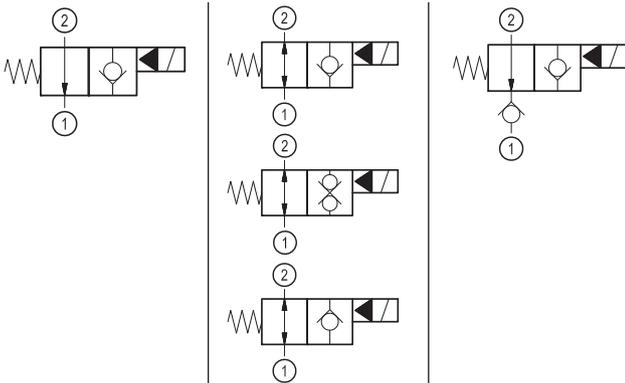
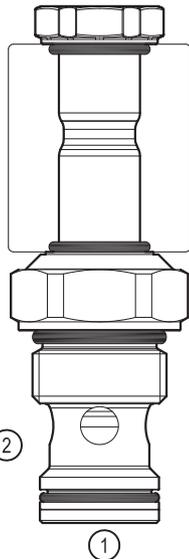
**RE 18323-35**

Edition: 04.2018

Replaces: 02.2018



**PATENT PENDING**



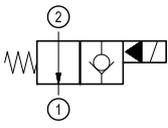
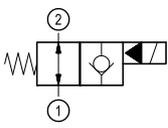
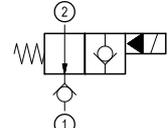
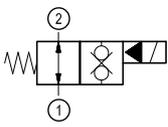
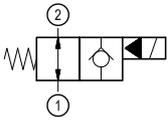
**Technical data**

New VEI-16 family incorporates a new solenoid concept providing excellent performance and enables cartridges to work in severe environment. Cartridges also incorporates advanced design of hydraulic parts providing excellent hydraulic performance.

**Technical data**

General	
Weight	0.25 kg (0.55 lbs)
Installation orientation	Unrestricted
Ambient temperature range	-30 to 90 °C (-22 to 194 °F)
Hydraulic	
Max. operating pressure	350 bar (5000 psi)
Flow range	2 - 70 l/min (0.53 - 18 gpm)
Fatigue cycle life	2 million cycles at 350 bar
Max. internal leakage:	20 drops/min.
Installation torque	54 - 66 Nm (40 - 49 ft-lbs)
Switching time	Opening ≤ 50 ms Closing ≤ 100 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 <sup>2</sup> /s (cSt)	
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	017-E see 18325-75
Seal kit for X= 02,06,12	code RG17E201052010 material no. R934003562
Seal kit for X= 04,32	code RG17E201053010 material no. R934003563
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.15	X	17	Y	Z	0000	*		
Solenoid operated valves pilot operated poppet type 2-way normally open						Series O/A to L unchanged performances and dimensions		
monodirectional type						0 = With buna seal V = With Viton seal P = With buna seal and protective cap for override version <b>B</b> and <b>C</b> T = With Viton seal and protective cap for override version <b>B</b> and <b>C</b>		
							02	
bidirectional type							A = Standard B = Push style manual override C = Push and twist style manual override	
								06
monodirectional type with check								Special cavity: 017-E
						12		
bidirectional type								
							32	
bidirectional type								
								04

**Preferred types**

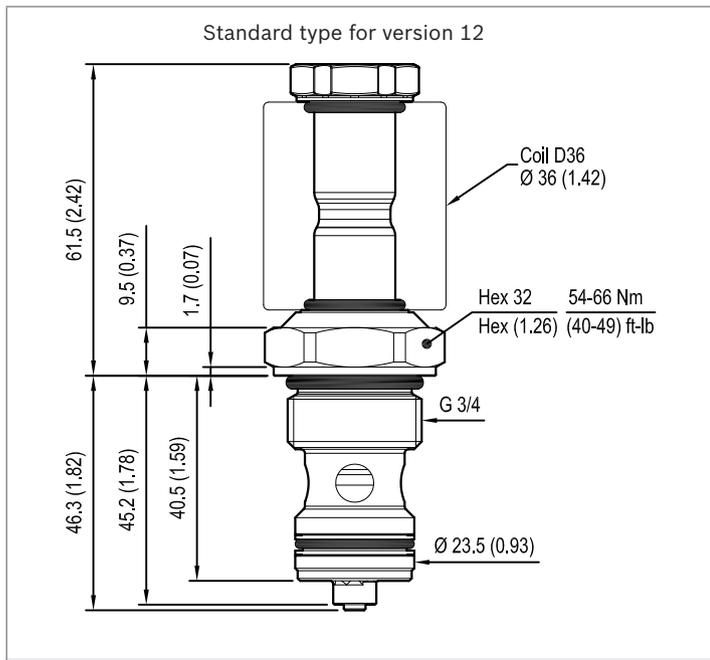
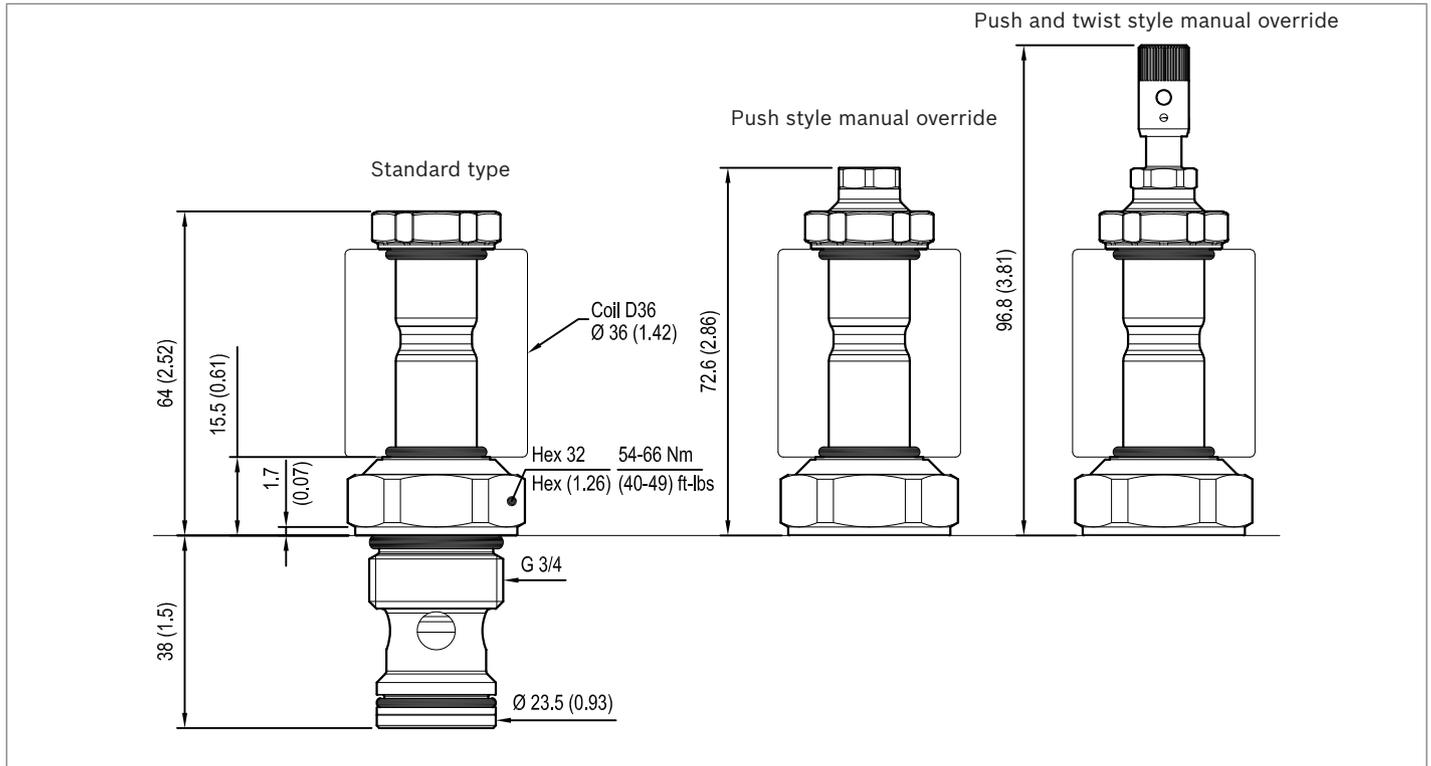
Type	Material number
OD150217A000000	R930063870
OD150217C000000	R930065471
OD150617A000000	R930064265
OD150617B000000	R930064334
OD150617C000000	R930063423
OD151217A000000	R930063907
OD153217A000000	R930064102
OD153217B000000	R930067161

Type	Material number
OD153217BP00000	R930067159
OD153217C000000	R930067160
OD153217CP00000	R930067157
OD150417A000000	R930066966



## Dimensions

### Solenoid operated valves, poppet 2-way normally open



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