



# SOLENOID OPERATED CARTRIDGE VALVES POPPET 2-WAY NORMALLY OPEN "EVP0"

### TECHNICAL SPECIFICATION

### **DESCRIPTION**

 Cartridge valves, two way, normally open poppet style DC solenoid operated. Leak proof design.

When de-energized the valve acts as a check valve allowing oil flow only from port '2' to port '1'.

When energized, the poppet lowers, blocking flow from port '2' to port '1' and allowing flow from port '1' to port '2' after overcoming the coil force.

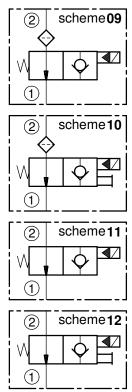
#### **MATERIALS**

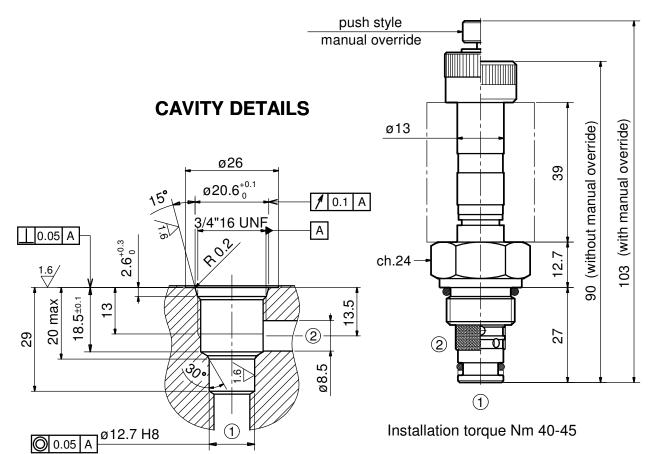
All components are made in high quality steel.
 The piston and the pilot poppet are hardened and ground.

### MAIN OPERATING FEATURES

- External valve surfaces are protected by phosphatisation.
- Max working pressure 280 bar
- Max flow 30 l/min
- Filtration: 280 micron or better
- Weight 0.115 Kg
- Coils must be ordered separately

### **ISO SYMBOLS**

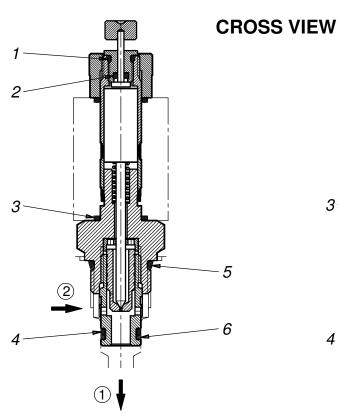






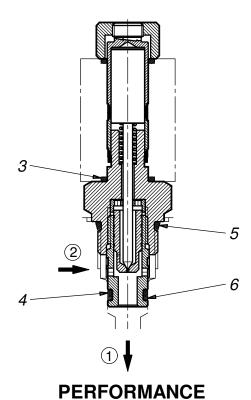


## **SOLENOID OPERATED CARTRIDGE VALVES POPPET 2-WAY NORMALLY OPEN "EVP0"**



2	
3	
2	5
4	5
1	

	① ♥
6	Backup ring ø9.9x12.7x1.4
5	O-Ring ø16.36x2.20 70 sh
4	O-Ring ø9.25x1.78 70 sh
3	O-Ring ø13x2 70 sh
2	O-Ring ø1.78x1.78 70 sh
1	O-Ring ø6x1.5 70sh.
Ref	Seals



## PRESSURE-∆p bar from 2 to 1 16 32 FLOW-Q I/min.

### **ORDERING CODE**

Basic code **EVP0.T19.\*** \*.000

scheme		description
0	9	STANDARD VERSION WITH FILTER
10 WITH EMERGENCY WITH FILTER		WITH EMERGENCY WITH FILTER
1	1	STANDARD VERSION WITHOUT FILTER
1:	2	WITH EMERGENCY WITHOUT FILTER





# SOLENOID OPERATED CARTRIDGE VALVES POPPET 2-WAY NORMALLY OPEN "EVP1"

### TECHNICAL SPECIFICATION

### **DESCRIPTION**

 Cartridge valves, two way, normally open poppet style DC solenoid operated. Leak proof design.

When de-energized the valve acts as a check valve allowing oil flow only from port '2' to port '1'.

When energized, the poppet lowers, blocking flow from port '2' to port '1' and allowing flow from port '1' to port '2' after overcoming the coil force.

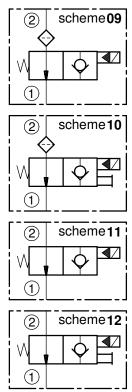
#### **MATERIALS**

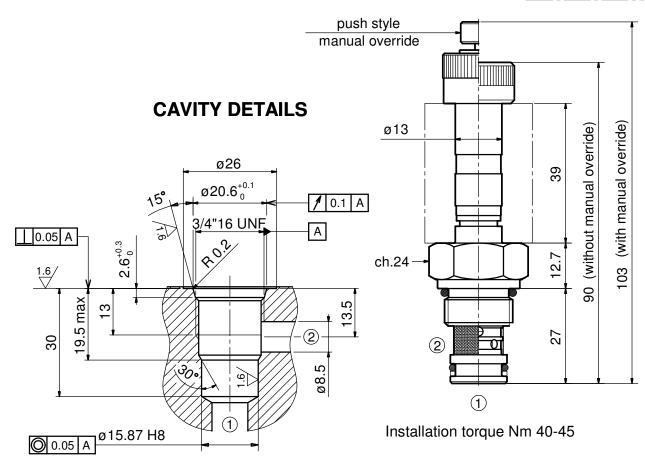
All components are made in high quality steel.
 The piston and the pilot poppet are hardened and ground.

### **MAIN OPERATING FEATURES**

- External valve surfaces are protected by phosphatisation.
- Max working pressure 280 bar
- Max flow 30 l/min
- Filtration: 280 micron or better
- Weight 0.115 Kg
- Coils must be ordered separately

### **ISO SYMBOLS**







6

5

4

3

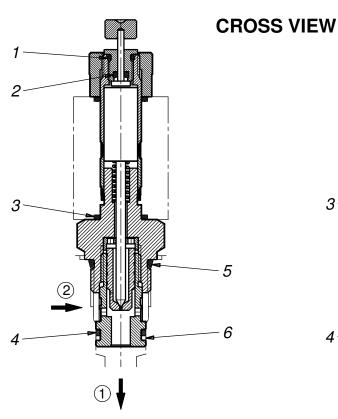
2

1

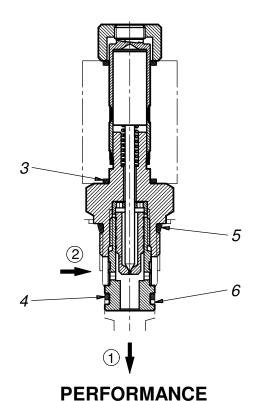
Ref



## **SOLENOID OPERATED CARTRIDGE VALVES** POPPET 2-WAY NORMALLY OPEN "EVP1"



		CF
1		
2		
j		
3		
2		— <i>5</i>
-		
4		<i>−</i> 6
`	<b>\</b>	
(	1)	



Backup ring ø13x15.86x1.4
O-Ring ø16.36x2.20 70 sh
O-Ring ø12.42x1.78 70 sh
O-Ring ø13x2 70 sh
O-Ring ø1.78x1.78 70 sh
O-Ring ø6x1.5 70sh.

## PRESSURE-∆p bar from 2 to 1 16 32 FLOW-Q I/min.

### **ORDERING CODE**

Basic code **EVP1.T19.\***,\*.000

**Seals** 

schei	me	description
09		STANDARD VERSION WITH FILTER
10		WITH EMERGENCY WITH FILTER
11		STANDARD VERSION WITHOUT FILTER
12		WITH EMERGENCY WITHOUT FILTER