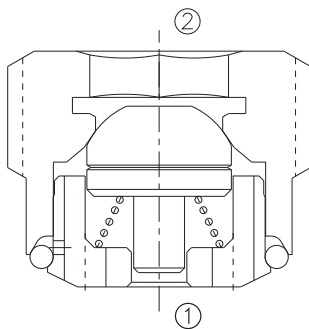


EVCD-CVR CHECK VALVE



Technical Specifications

Operating Pressure :	350Bar
Flow :	See figure
Maximum internal leakage :	2drops/min at 350bar
Operating temperature :	-30°C to +120°C (-22°F to +250°F)
Cracking pressure:	<0.5bar
Cavity :	See figure
Fluids:	Mineral based or synthetic hydraulic fluid with lubricating properties
Fluid viscosity range :	7.4 to 420cSt.

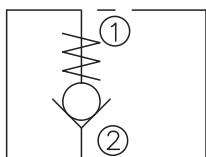
Features

- Hardened seat for long life
- Compact size

Operation

Pressure at ① overcomes the spring-bias poppet and allows free flow ① to ②,
Flow in the opposite direction, from ② to ① is blocked by the poppet.

Symbol



Order Codes

Base Model				Size		Seals	
EVCD - CVR				Table 1		Table 2	
Example	EVCD	-	CVR	G18		B	

Table 1

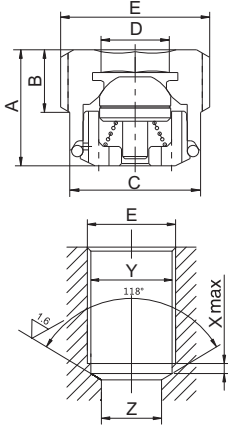
	Valve details							Cavity		
	E	A (mm)	B (mm)	C (mm)	D (mm)	MAX FLOW (L/min)	Install Torque (Nm)	X (mm)	Y (mm)	Z (mm)
G1/8		8.0	3.9	Ø8.5	S4	10	8	3.0	Ø8.7	Ø5
G1/4		10.2	5.5	Ø11.5	S6	20	15	3.0	Ø11.6	Ø7
G3/8		11.7	7.0	Ø14.9	S8	50	20	3.0	Ø15.1	Ø9
G1/2		13.5	7.9	Ø18.7	S10	80	40	3.0	Ø18.8	Ø12
G3/4		17.1	11.5	Ø24.0	S10	120	80	3.0	Ø24.3	Ø18

Table 2

Code	Seals
B	NBR
V	FKM

Performance Curves

