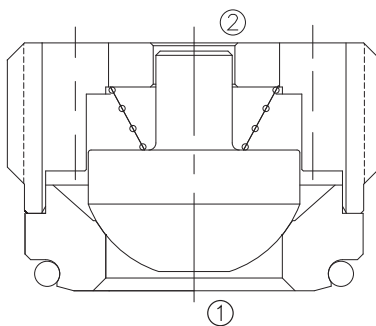


EVCD-CV CHECK VALVE



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.

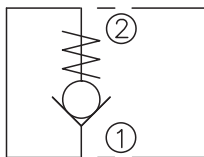
Features

- 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	
Example	EVCD	-	CV	-	Table 1	-	Table 2	
	EVCD	-	CV	-	G18	-	B	

Table 1

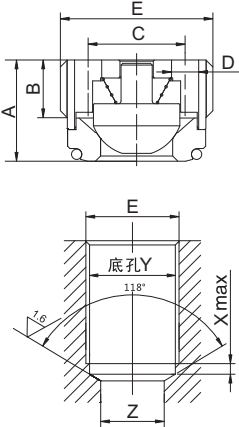
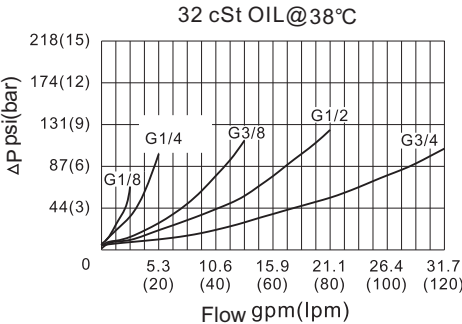
	Valve details							Cavity		
	E	A (mm)	B (mm)	C (mm)	D (mm)	MAX FLOW (L/min)	Install Torque (Nm)	X (mm)	Y (mm)	Z (mm)
	G1/8	7.5	3.5	Ø5.6	Ø1.6	10	8	3.0	Ø8.7	Ø5
	G1/4	8.5	4.4	Ø8.4	Ø2.2	20	15	3.0	Ø11.6	Ø7
	G3/8	11.3	6.0	Ø11.1	Ø3.0	50	20	3.0	Ø15.1	Ø9
	G1/2	12.7	6.5	Ø13.5	Ø3.8	80	40	3.0	Ø18.8	Ø12
	G3/4	14.8	7.6	Ø16.5	Ø5.0	120	80	3.0	Ø24.3	Ø18
	G1	15.7	8.5	Ø23	Ø5.0	200	120	3.0	Ø30.5	Ø20

Table 2

Code	Seals
B	NBR
V	FKM

Performance Curves



Installation tools

