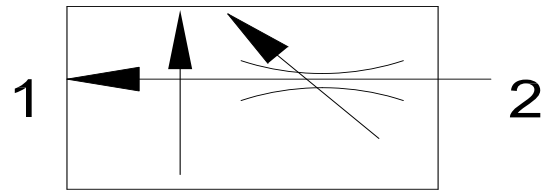
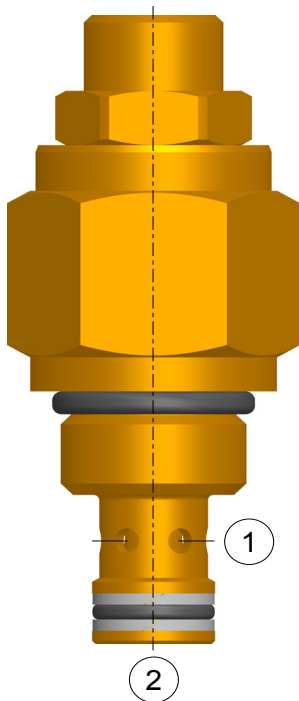


Flow Control Valve
Pressure Compensated



- $Q_{(max)}=22 \text{ lpm}$, $P_{(max)}=350 \text{ bar}$
- Screw -in Cartridge,
- Pressure Compensated, Fixed Orifice, Flow Control Valve



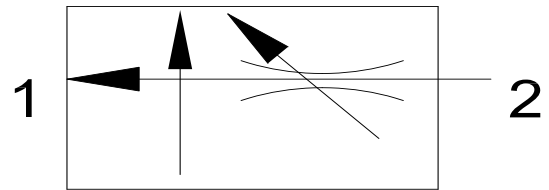
- Maintains Constant Flow from **Port #2** → **Port #1** regardless of System Pressure.
- Non-Compensated Flow from **Port #1** → **Port #2** goes through Fixed Orifice.
- Available with **Leakproof screw adjustment / Fixed setting cap.**
- Can be fitted in **line mounting bodies.**
- All external parts are **zinc plated ,chromated (CrVI-Free).**
- Designed in accordance to **Industry common Cavities.**

1. Description -

FCCT series cartridge valves are **Screw-in, Cartridge Type, Pressure Compensated Flow Control Valves.** This cartridge are used for maintaining constant flow from port#2 to port#1 independent of system pressure while from port#1 to port#2 flow will depend on the size of calibrated orifice.

All external parts of this cartridge are Zinc-plated and chromated (CrVI-free), spool is hardened and is guaranteed for low wear and extended life. All Valve parts are made up of high strength steel.

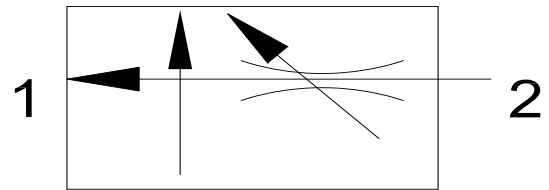
Flow Control Valve
Pressure Compensated



2. Technical Data :

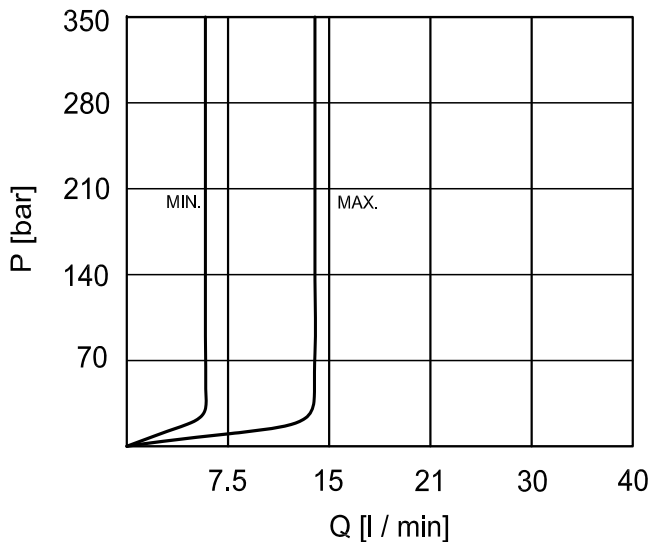
S.no.	General Specification	Values
1.	DESIGNATION	DIRECT ACTING,PRESSURE COMPENSATED FLOW CONTROL VALVE
2.	MOUNTING METHOD	S08-2 CAVITY
3.	MAXIMUM OPERATING PRESSURE	350 BAR
4.	MAXIMUM FLOW	22 LPM
6.	OPERATING TEMPERATURE	-30° TO +110° C
7.	HYDRAULIC FLUID	MINERAL OILS WITH LUBRICATING PROPERTIES AT 15.....250 MM ² /SEC
8.	MINIMUM FLUID CLEANINESS	ISO CLASS 20/18/15
9.	WEIGHT	0.12 KG
10.	INSTALLATION TORQUE	45-55 N/M

Flow Control Valve Pressure Compensated

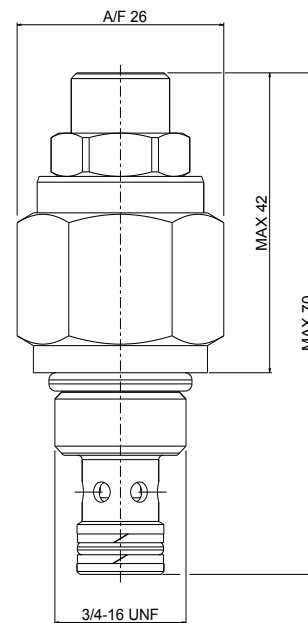


3. P-Q Characteristics :

Note: The Performance Chart shows Flow handling capacity at specific pressure setting P/Q Curve is recorded at $Temp_{oil} = 40^{\circ} C$ at 46 cst.



4. Dimensioning :



5. Ordering Code :

SFPC - 08 - X - X - XXX

VALVE BASIC CODE

CAVITY TYPE = 3/4"-16 UNF
METRIC CAVITY AVAILABLE ON
REQUEST

ADJUSTMENT :

C = CAPPED
F = FIXED
A = ADJUSTMENT SCREW
K = KNOB

FIXED FLOW SETTING (LPM)
1 lpm upto 14 lpm

HOUSING & PORTS

C : Cartridge only
XB1 : 1/4" BSP
XB6 : SAE #6

A : Aluminium Housing
S : Steel Housing