

HPP-FCP FIXED PRIORITY FLOW CONTROL VALVE WITH BYPASS
DESCRIPTION

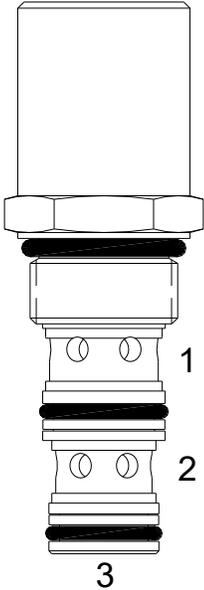
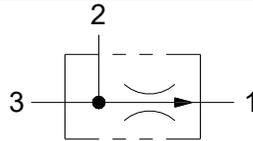
"High Pressure" 8 size, 3/4-16 thread, "Power" series, fixed priority flow control valve with bypass

OPERATION

The HPP-FCP allows pressure compensated flow from (3) to (1) regulated by the pressure present at (3). Excess flow bypasses out (2).

FEATURES

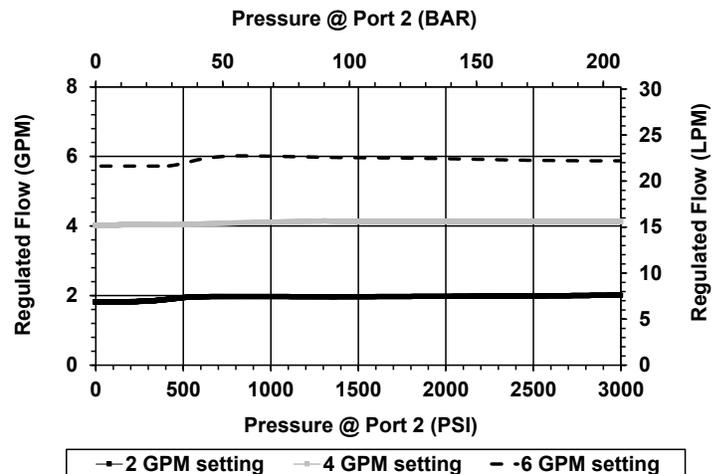
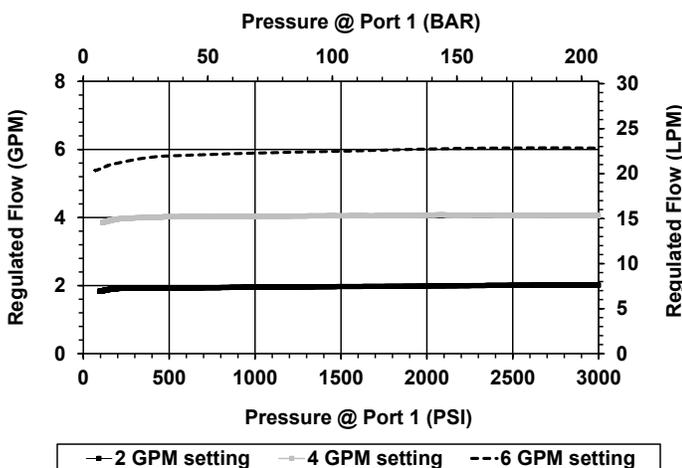
- Hardened parts for long life.
- Industry common cavity.

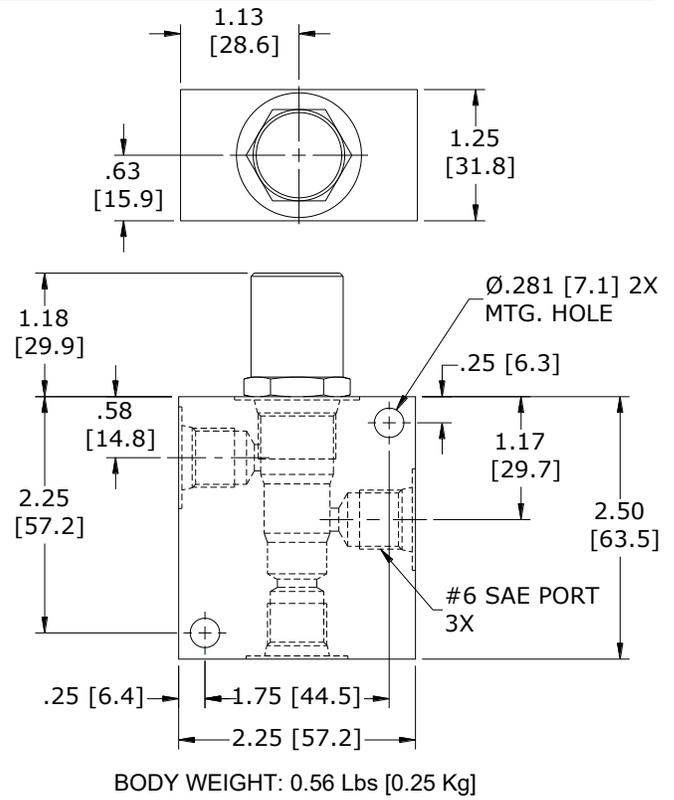
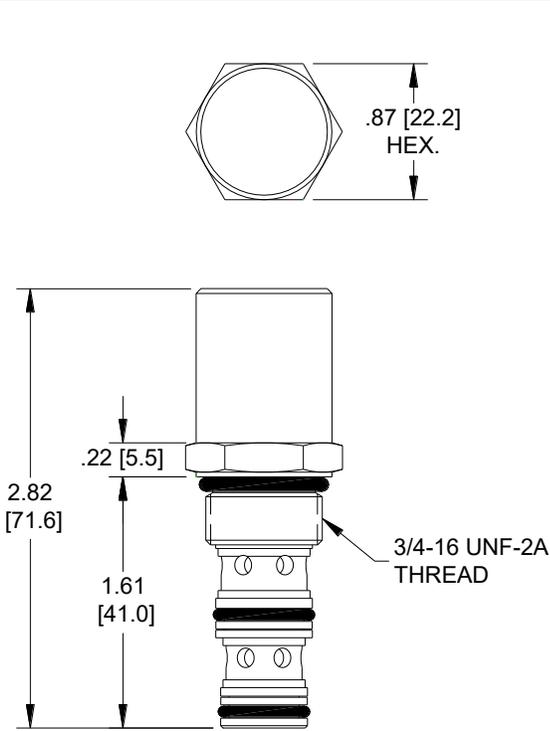

HYDRAULIC SYMBOL

VALVE SPECIFICATIONS

Nominal Flow	6 GPM (23 LPM)
Rated Operating Pressure	4200 PSI (290 bar)
Viscosity Range	36 to 3000 SSU (3 to 647 cSt)
Filtration	ISO 18/16/13
Media Operating Temperature Range	-40° to 250° F (-40° to 120° C)
Weight	0.56 lbs. (0.25 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	30 ft-lbs (41 Nm)
Cavity	POWER 3W
Cavity Form Tool (Finishing)	40500024
Seal Kit	21191106

PERFORMANCE

Actual Test Data (Cartridge Only)





ORDERING INFORMATION

HPP-FCP

OPTIONS
Standard, Buna
Standard, Viton

00
V0

Blank
N
S

BODIES
Without Body
1/4 NPTF Ports
#6 SAE Ports

FLOW SETTING

01.0 1.0 GPM
02.0 2.0 GPM
03.0 3.0 GPM
04.0 4.0 GPM
05.0 5.0 GPM
06.0 6.0 GPM
+/-15%

Note: Aluminum **NOT** durability rated for 4200 PSI. Consult factory for body options.

WARNING: the specifications/application data shown in our catalogs and data sheets are intended only as a general guide for the product described (herein). Any specific application should not be undertaken without independent study, evaluation, and testing for suitability.