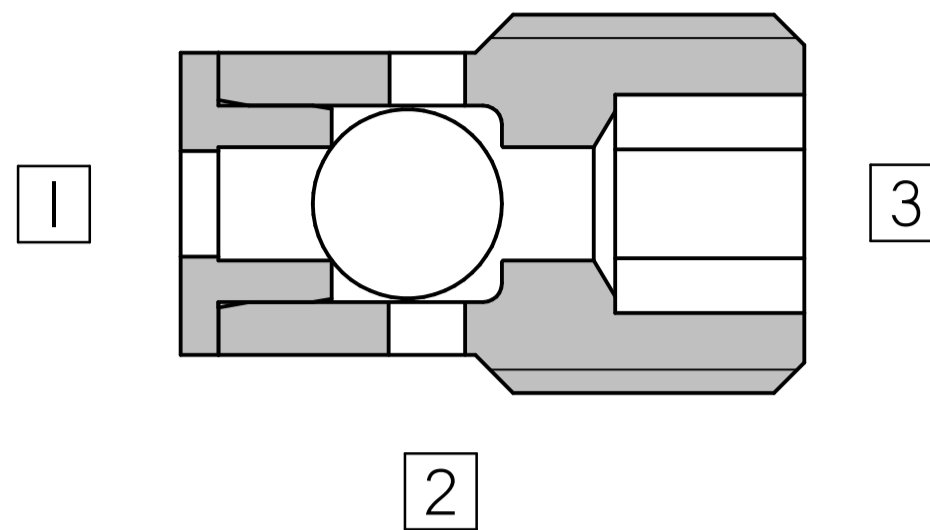
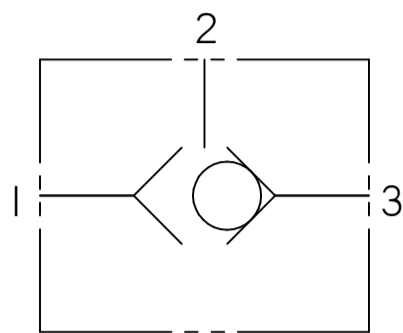
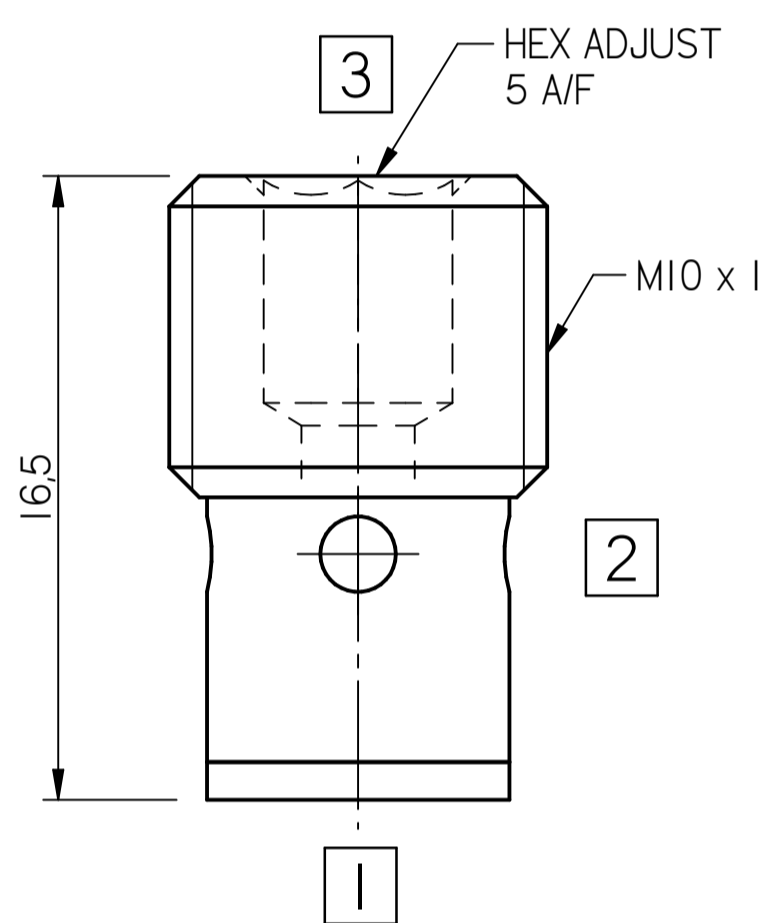


FLUID POWER SYMBOL



5



Application

This valve provides a means of sensing the higher pressures between two lines on a hydraulic circuit allowing this line to be used for an auxiliary function such as the removal of a mechanically applied brake, the operation of a gauge or to give a remote pressure sensing line for the control of a separate valve.

Features

Cartridge design enabling speedy servicing when mounted in a body or in a composite manifold.

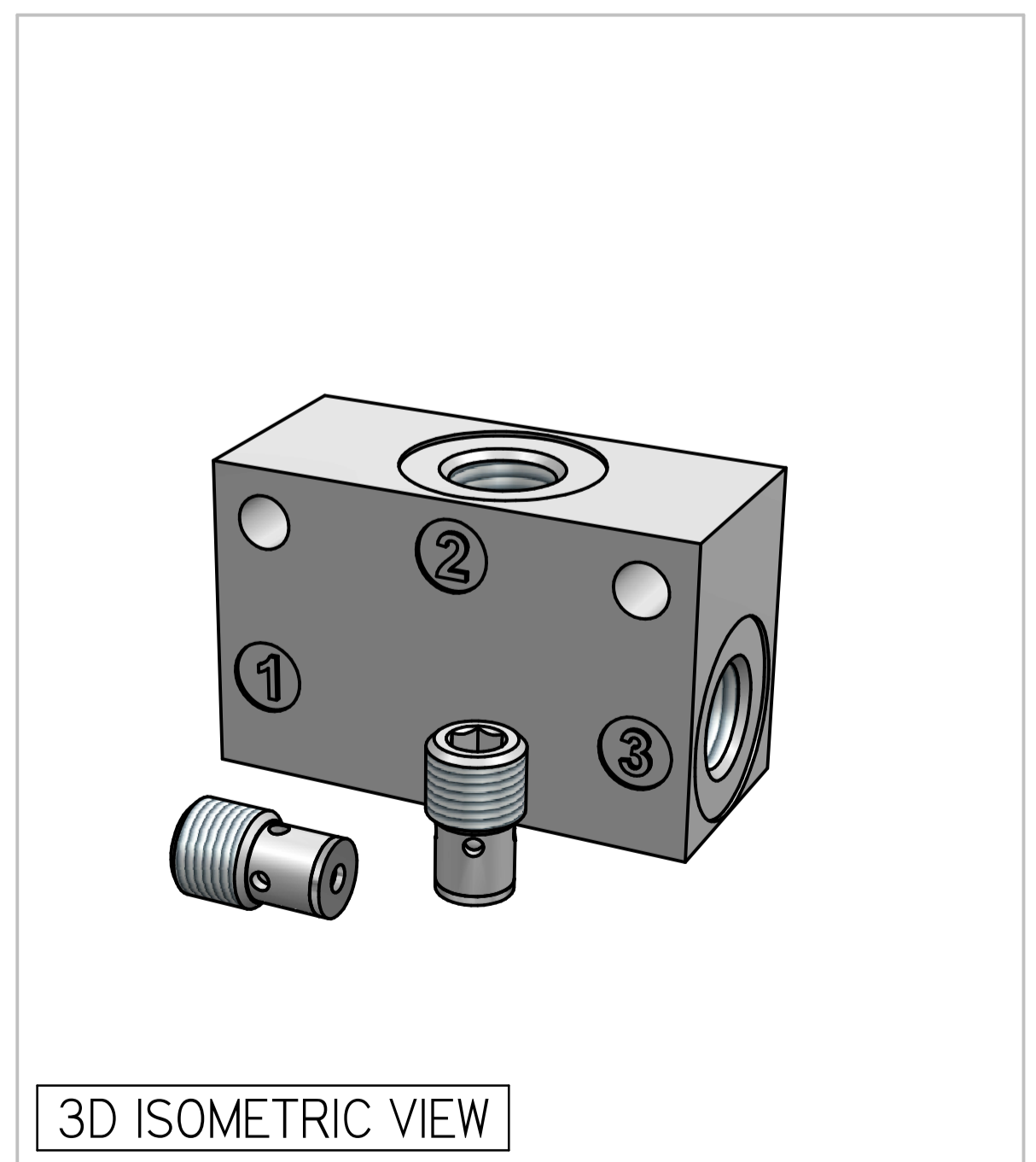
Operation

When a higher pressure is sensed at Port 1 than at Port 3 the ball within the cartridge is forced against a seat closing Port 3, opening Port 1 to Port 2. When the higher pressure appears at Port 3 the ball is forced against the seat at Port 1 and opens up Port 3 to Port 2.

Specifications

Figures based on: Oil Temp = 40°C Viscosity = 40 cSt

Rated Flow	20 lpm
Max Pressure	350 bar
Cartridge Material	Working parts : Hardened, ground steel External surfaces : Zinc plated
Weight (Cartridge only)	SH10: 0.05 kg
Cavity Number	TH16927 (Refer Cavities Section)
Manifold Material	Aluminium (upto 250 bar)
Torque into Cavity	8-10 Nm
Mounting	Line
Seal Kit Number	-
Filtration Level	BS5540/4 Class 18/13 (25µ nominal)
Operating Temp	-20°C to +90°C (Standard Seals)
Leakage	0.6 millilitres/min (at standard setting)
Viscosity Range	5 to 500 cSt



3D ISOMETRIC VIEW

Where measurements are critical request certified drawings. We reserve the right to change specifications without notice.

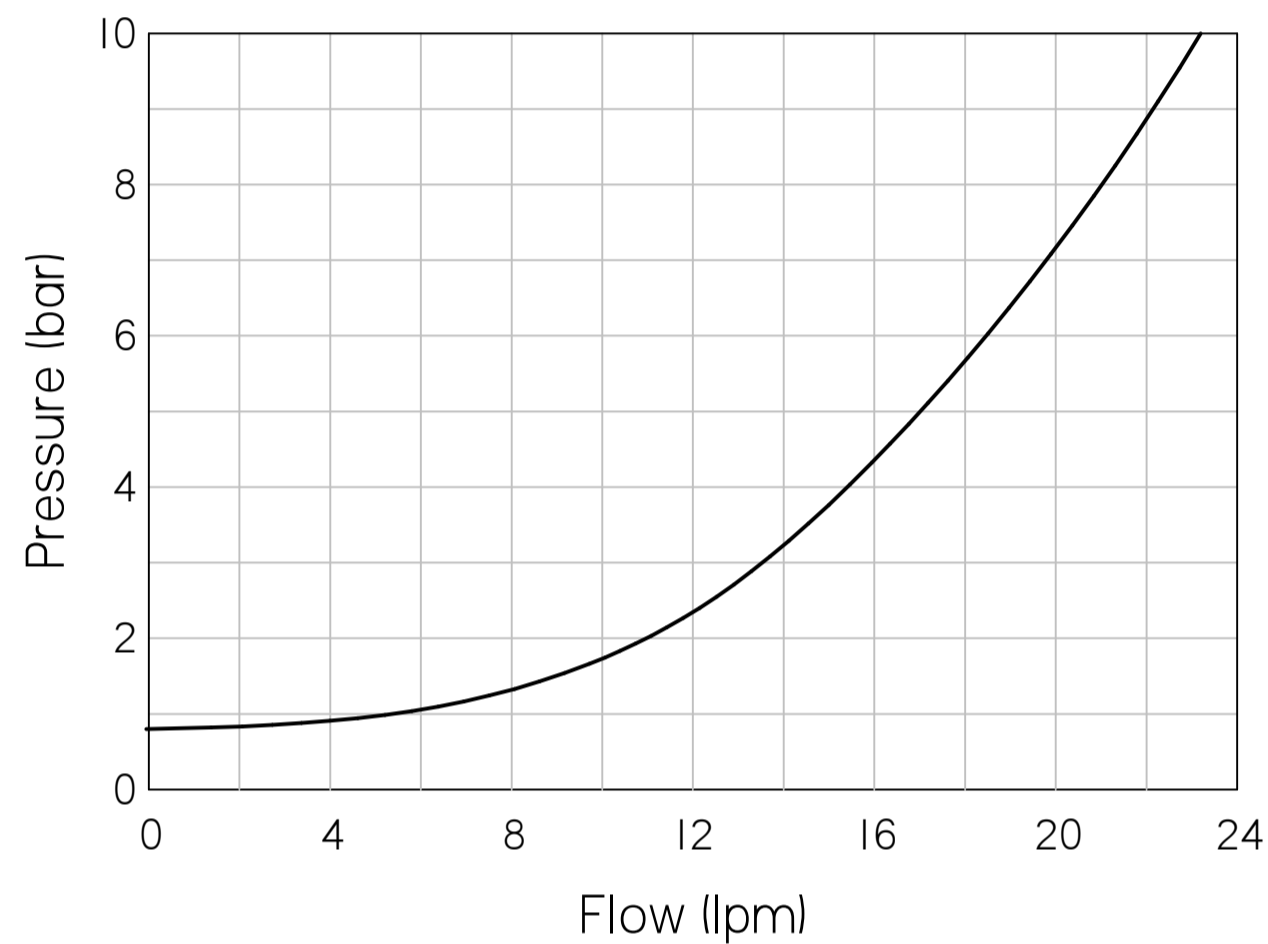
TO ORDER

SH10 2W

BASIC CODE

PORT SIZE
2W: 1/4 BSP PORTS
OMIT FOR CARTRIDGE

PRESSURE CHARACTERISTICS



5

COMPLETE VALVE

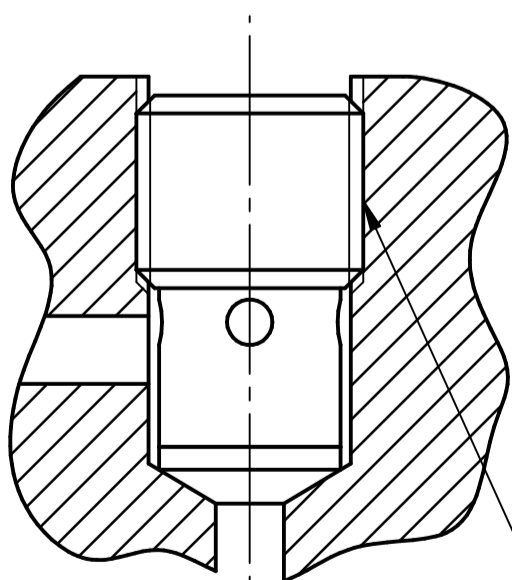
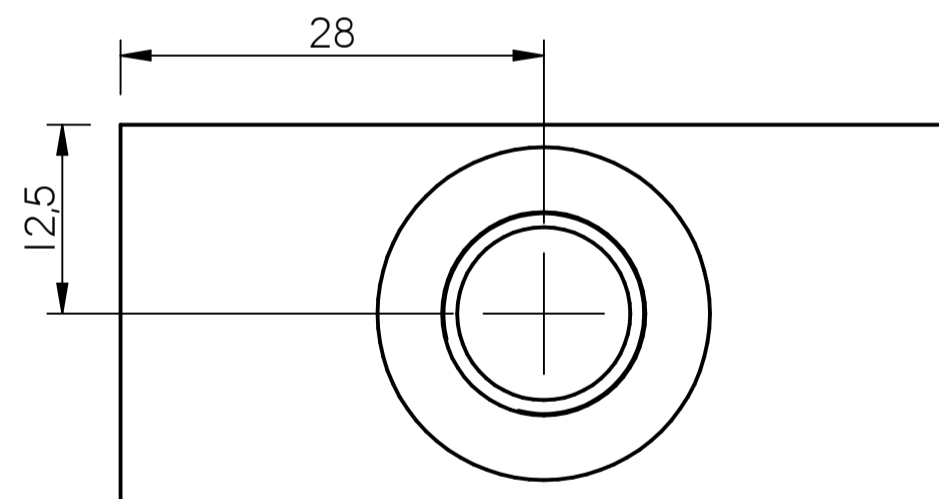
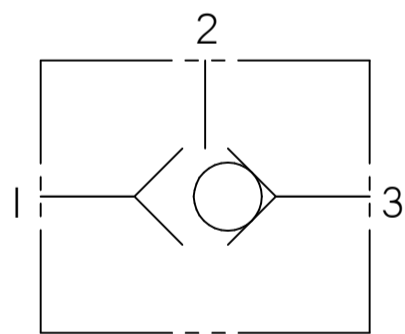
1/4" BSP PORTS

BASIC CODE: SH10 2W

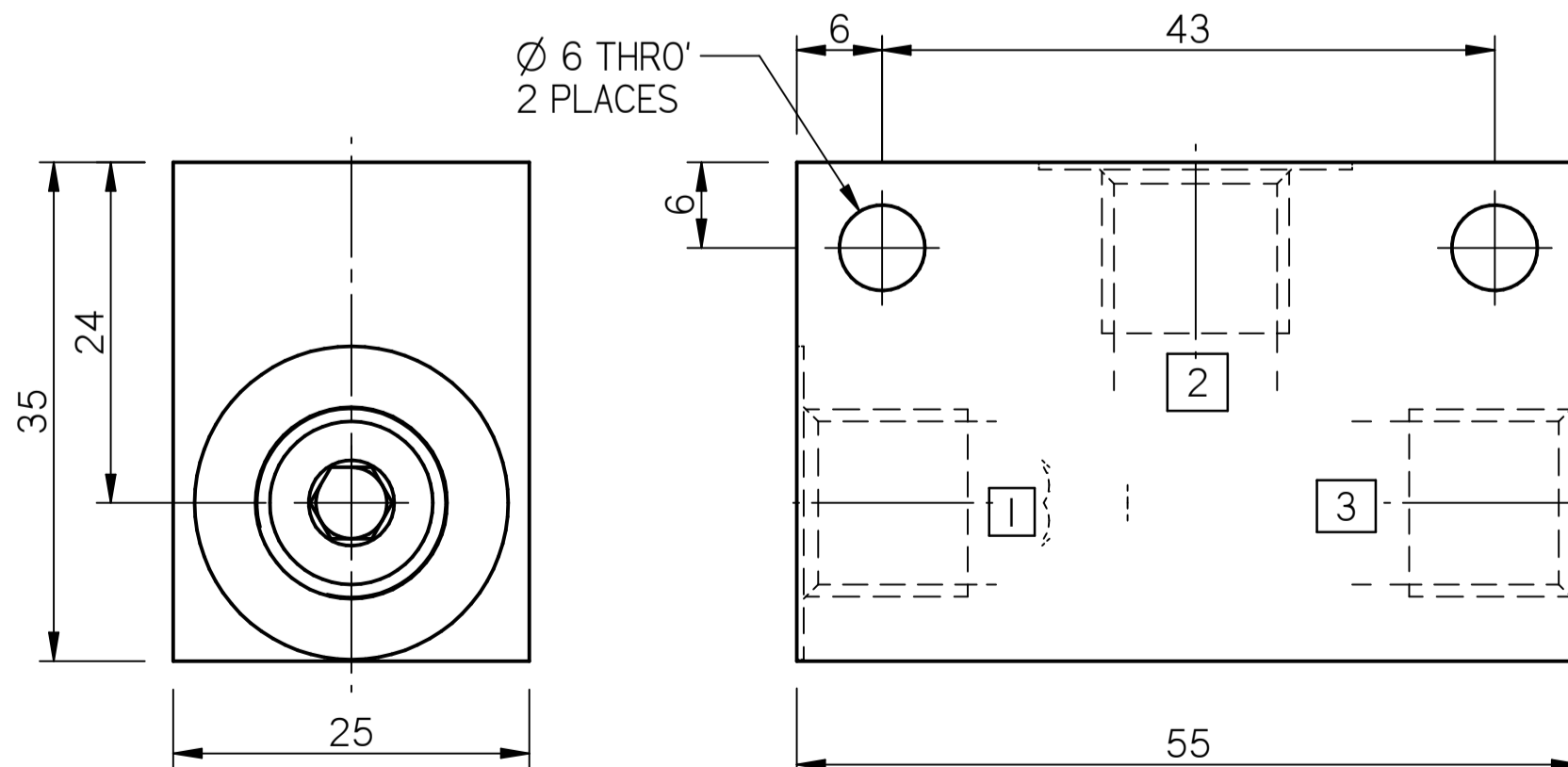
ONLY Body Part Numbers (BSP)

Aluminium SG Iron

3/8" Z10262 - -



USING LOCTITE 542 TORQUE THE CARTRIDGE TO 8-10 Nm TO THE BOTTOM OF THE CAVITY



Where measurements are critical request certified drawings. We reserve the right to change specifications without notice.