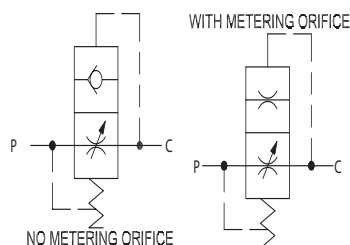


OPERATION

SPECIFICATIONS

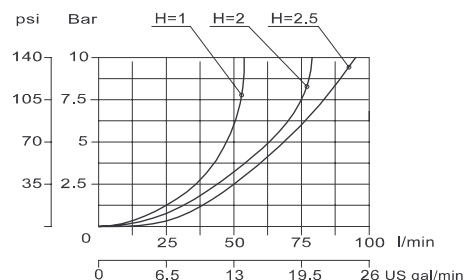
This is an in-line flow limiter that closes and then provides non-compensated restricted flow when the specified flow setting is exceeded. The valve provides free reverse flow when operated in the opposite direction.

Schematic

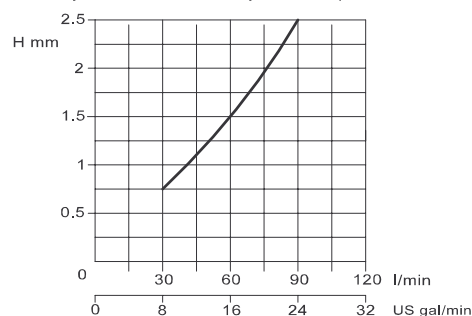


Theoretical performance

Pressure drop from P $\Rightarrow$ C according to Adjustment H
 26 cSt [121 SUS] hyd.oil at 50°C [122 °F]



Values for adjustment H are guideline only, being conditioned by a variety of factors (oil temperature and viscosity, volume and flexibility of circuits).

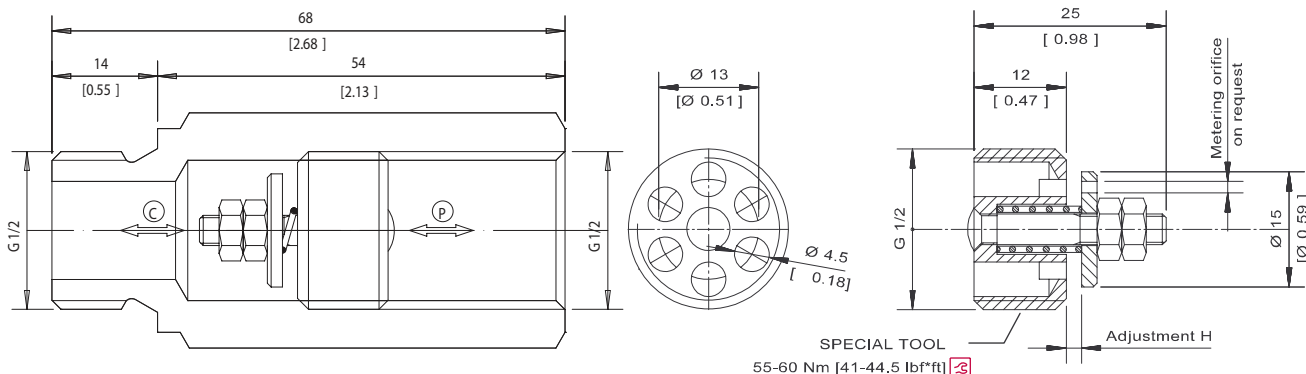


Specifications

Pressure rating	210 bar 3000 psi
Rated Free Flow at 7 bar 100 psi	85 l/min 30 US gal/min
Cavity	Consult factory

DIMENSIONS

mm in



SPECIAL TOOL
 55-60 Nm [41-44.5 lbf*ft]

ORDERING INFORMATION

BC 13 - 1.0 - G - 00 - S1.5

Adjustment H

00 = No factory adjustment
 0.25 = 0.25 mm [in]
 0.5 = 0.5 mm [in]
 1.0 = 1.0 mm [in]
 1.5 = 1.5 mm
 2.0 = 2.0 mm

Metering orifice

Omit = No orifice
 S0.5 = 0.5 mm [in]
 S0.7 = 0.7 mm [in]
 S1.0 = 1.0 mm [in]
 S1.5 = 1.5 mm [in]
 S2.0 = 2.0 mm [in]

Coupling

00 = Cartridge only
 L = 3/8 BSP