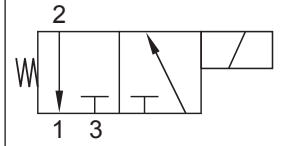


Up to 345 bar - 57 lpm

Symbol



Operation

This is a solenoid operated 3 way 2 position directional spool valve and is ideal for both single or double acting controls where pump flow is blocked (port 3) and the actuator (port 2) is vented to tank (port 1) in the de-energised position.

When energised, pump flow is directed to the actuator (3 to 2).

Features

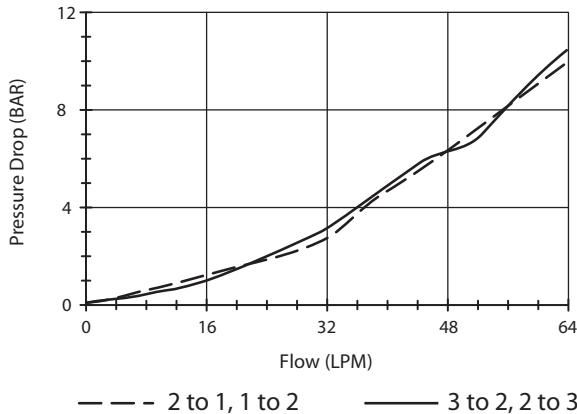
- Hardened parts for long life.
- Efficient wet-armature construction.
- Cartridges are voltage interchangeable.
- Industry common cavity.
- Unitised, molded coil design.
- Continuous duty rated solenoid.
- Optional coil voltages and terminations.



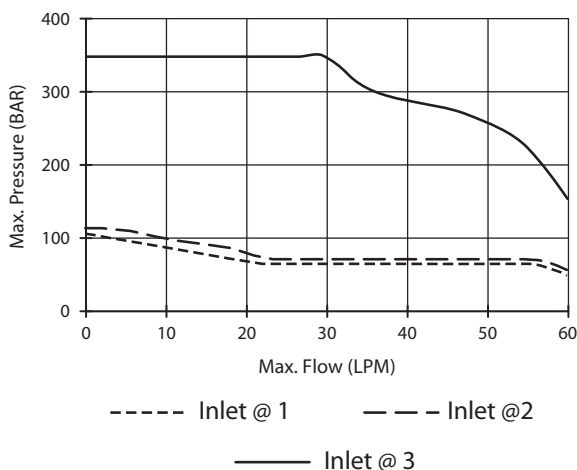
Common usage is inlet at port 3.
See D-HUS3F for port 2 or port 1 inlet.

Performance

32 cSt / 38°C.



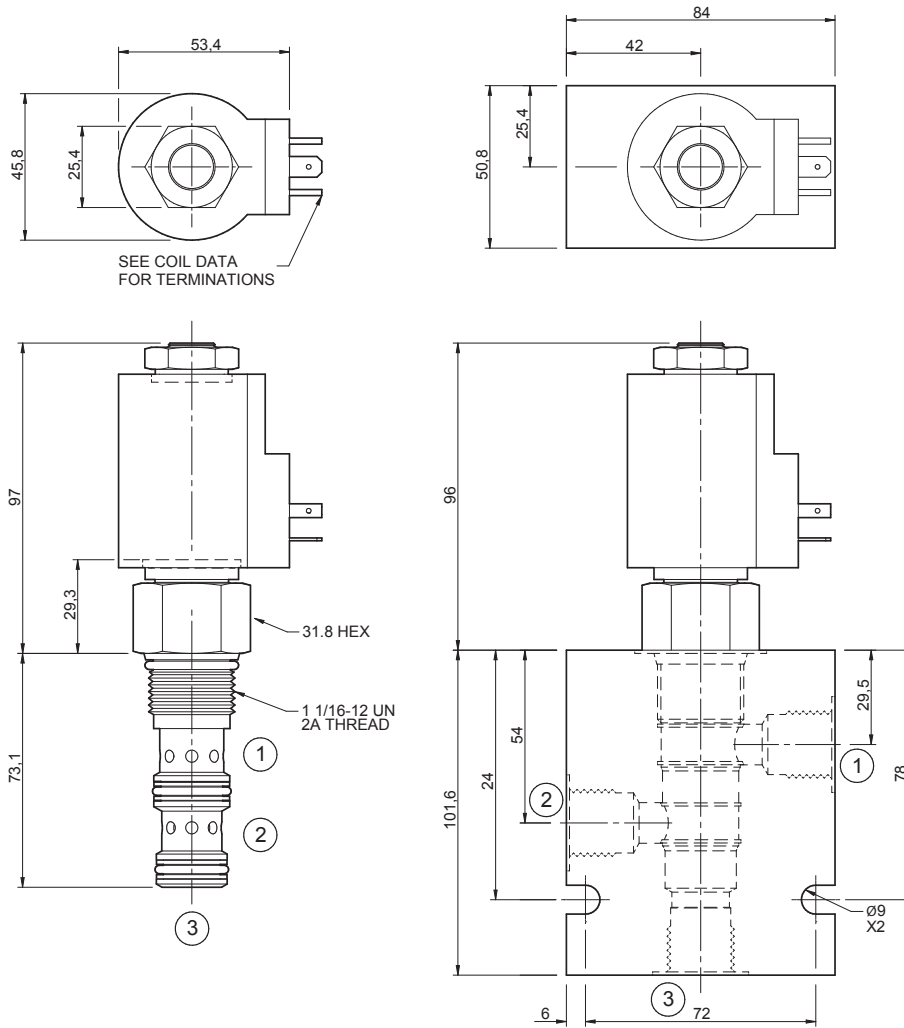
Typical Continuous Duty Performance Envelope



Specifications

Nom. Flow (lpm)	57 (see graph)
Max. pressure (bar)	345
Internal Leakage (32 cSt)	131 cc/min at 345 bar
Hydraulic oil	General purpose hydraulic fluid
Viscosity Range	3 to 640 cSt
Filtration	ISO 18/16/13
Operating temp.	-40 to 120°C
Voltage	DC / AC (see coil data page Coil-T)
Cartridge Torque	95 Nm
Coil Nut Torque	7 to 10 Nm
Cavity	TU12-3 (see cavity data page CAV-TU12-3)
Spare Seal Kit (Viton)	SK-DHUVHBB
Weight - Cartridge only	0.46 kg
Weight - Cartridge + Coil	0.87 kg
Weight - Cartridge + Coil + Body	1.45 kg (alum) 2.53 kg (steel)

Dimensions
[mm]



Coils can be fitted in any orientation.
Refer to data sheet Coil-T for coil options.

Ordering Code

D-HUS3E

	**	**	**	*	*	*
Options	Coil termination	Voltage	Port size (BSP)	No. of ports	Body material	
00 - Nitrile	DL - Double lead	12 - 12 Vdc	C - 1/2	3 - 3 ports	A - Aluminium	
V0 - Viton	DS - Double spade	24 - 24 Vdc	Options - See page B-DHU	Options - See page B-DHU	S - Steel	
	HC - EN 175301-803*	48 - 48 Vdc			For pressures over 210 bar use steel.	
	Options - See page Coil-T	25 - 24 Vac				
	Omit if coil is not required	11 - 110 Vac				
		23 - 250 Vac				
		Options - See page Coil-T				

*Formerly DIN 43650 Hirschmann connector.