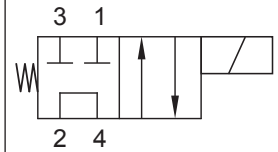


Up to 210 bar - 30 lpm

Symbol



Operation

This is a solenoid operated 4 way 2 position tandem centre directional spool valve. A typical application for this valve is directional control for a series system.

In the de-energised position P is vented to T.

Manual override options available.

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.
- Optional "I" Coil: Weatherproof, Thermal, Shock, Immersion Safe.

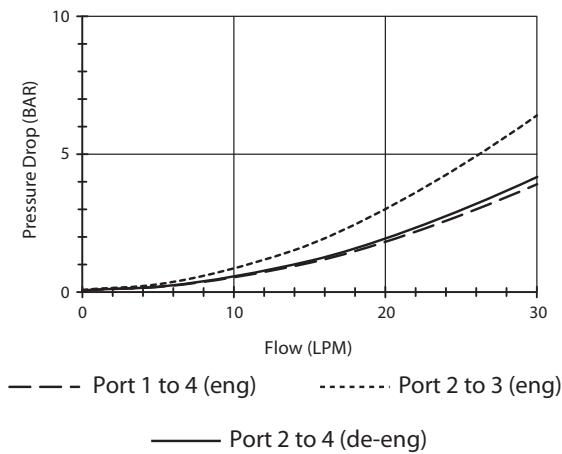


For higher pressures see D-HGS4C.

For higher flows consult factory.

Performance

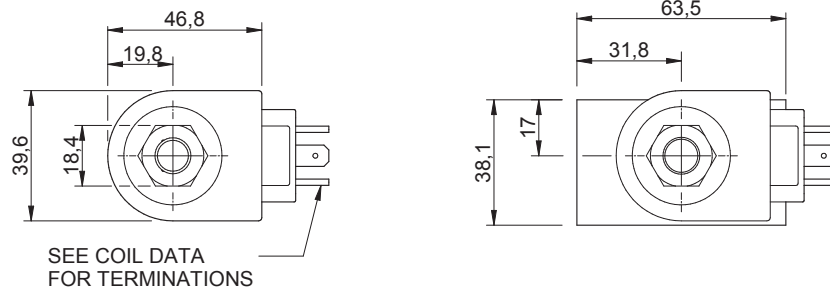
32 cSt / 38°C.



Specifications

Max. Flow (lpm)	30
Max. pressure (bar)	210
Internal Leakage (32 cSt)	82 cc/min per path
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-D)
Cartridge Torque	41 Nm
Coil Nut Torque	5 to 8 Nm
Cavity	DG10-4 (see cavity data page CAV-DG10-4)
Spare Seal Kit	SK-DDGVHDDD
Weight - Cartridge only	0.14 kg
Weight - Cartridge + Coil	0.47 kg
Weight - Cartridge + Coil + Body	0.93 kg (alum) 1.80 kg (steel)

Dimensions
[mm]



SEE COIL DATA FOR TERMINATIONS

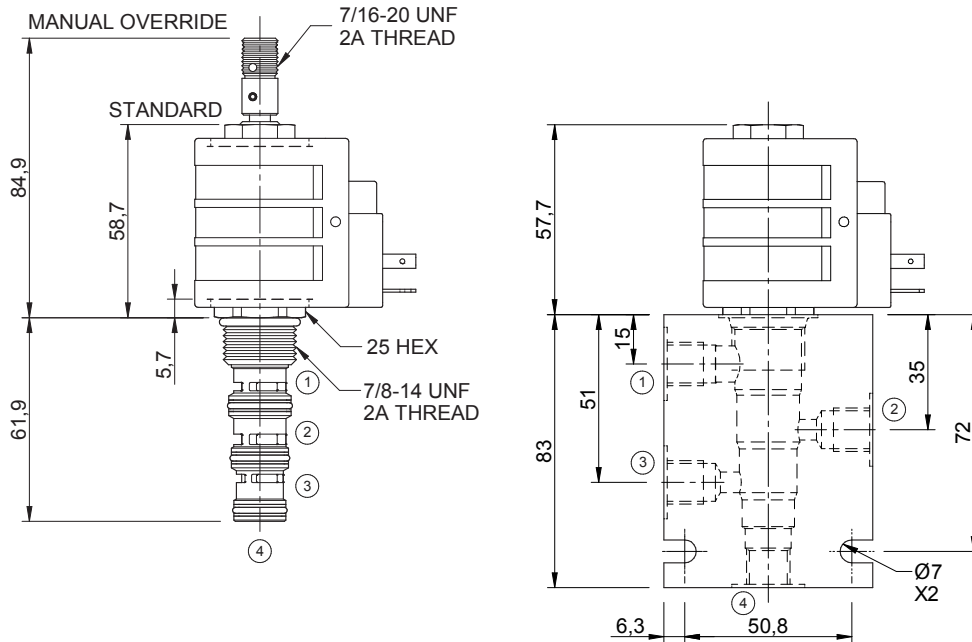
To Override

Detented Version
Pull & Twist

Non-Detented Version
Pull (spring return)

Coils can be fitted in any orientation.

Refer to data sheet Coil-D for coil options.



Ordering Code

D-DGS4C — ****** — ****** ****** — ***** ***** *****

Options
00 - Nitrile
V0 - Viton
0M - Nitrile, overr., detent
VM - Viton, overr., detent
B1 - Nitrile, overr., non-detent
V1 - Viton, overr., non-detent

Coil termination
DL - Double lead
DT - Deutsch on Leads DT04-2P
ML - Metric-Pack on Leads
PL - Packard on Leads
WL - Weatherpack on Leads
SS - Single spade
DS - Double spade
HC - EN 175301-803* (AC&DC)
CL - Conduit Lead - (AC Only)
DI - Deutsch
'I' coils (12 & 24 volts only) weather/immersion proof (IP69)
IA - AMP superseal
ID - Deutsch
IJ - AMP Jr. Timer
IM - Metripak
Options - See page Coil-D
Omit if coil is not required

Voltage
06 - 06 Vdc
12 - 12 Vdc
24 - 24 Vdc
36 - 36 Vdc
48 - 48 Vdc
25 - 24 Vac
11 - 120 Vac
22 - 220 Vac
44 - 440 Vac
Options - See page Coil-D

Port size (BSP)
A - 1/4"
B - 3/8"
Options - See page B-DDG

No. of ports
4 - 4 ports
Options - See page B-DDG

Body material
A - Aluminium
S - Steel

*Formerly DIN 43650 Hirschmann connector.