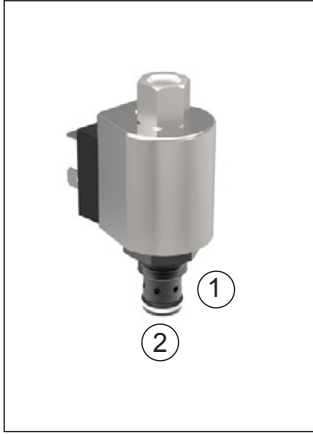
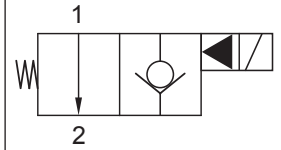


Up to 210 bar - 19 lpm


Operation

This is a solenoid operated 2 way normally open poppet valve. When de-energised flow goes from 1 to 2; energised, flow is blocked by a load holding poppet.

This valve is typically used as a solenoid operated dump valve.

Symbol

Features

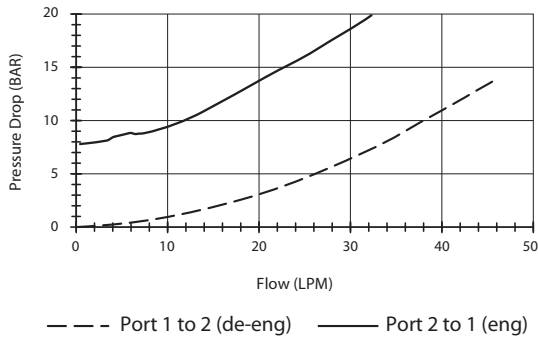
- Hardened parts for long life.
- Efficient wet-armature construction.
- Cartridges are voltage interchangeable.
- Manual override options.
- Industry common cavity.
- Unitised, molded coil design.
- Continuous duty rated solenoid.
- Optional coil voltages and terminations.



Operational shift limit 19 lpm from (1) to (2) energised. For shifted flow performance consult chart.

Performance

32 cSt / 38°C.


Specifications

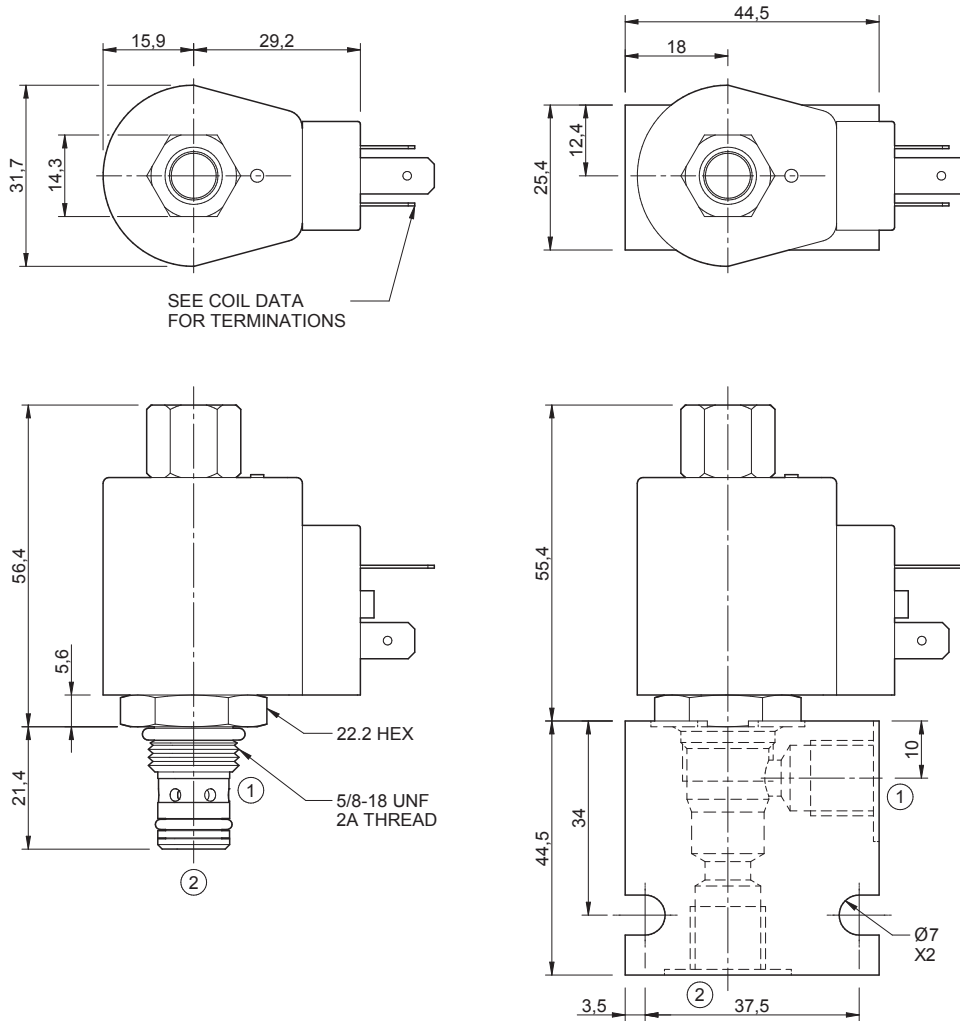
Nom. Flow (lpm)	19
Max. pressure (bar)	210
Internal Leakage (32 cSt)	0 to 0.25 cc/min at 240 bar
Hydraulic oil	General purpose hydraulic fluid
Viscosity Range	3 to 640 cSt
Filtration	ISO 18/16/13
Operating temp.	-40 to 120°C
Voltage	DC / AC (see coil data page Coil-M)
Cartridge Torque	20 Nm
Coil Nut Torque	5 to 8 Nm
Cavity	MA07-2 (see cavity data page CAV-MA07-2)
Spare Seal Kit (Viton)	SK-DMAVHA
Weight - Cartridge only	0.06 kg
Weight - Cartridge + Coil	0.20 kg
Weight - Cartridge + Coil + Body	0.34 kg (alum) 0.59 kg (steel)

Energisation Chart

Solenoid	Flow Direction	
	1 → 2	2 → 1
De-energised	Free flow	Restricted flow
Energised	Load holding	

Dimensions

[mm]



Refer to data sheet
Coil-M for coil options.

Ordering Code

D-MAS2C

Options	Coil termination	Voltage	Port size (BSP)	No. of ports	Body material
00 - Nitrile	DL - Double lead	12 - 12 Vdc	A - 1/4"	2 - 2 ports	A - Aluminium
V0 - Viton	DS - Double spade	24 - 24 Vdc	Options - See page B-DMA	Options - See page B-DMA	S - Steel
A0 - Nitrile, screen	HC - EN 175301-803*	48 - 48 Vdc			
W0 - Viton, screen	CL - Conduit lead	25 - 24 Vac			
	Options - See page Coil-M	11 - 110 Vac			
	Omit if coil is not required	23 - 240 Vac			
		Options - See page Coil-M			

*Formerly DIN 43650 Hirschmann connector.