



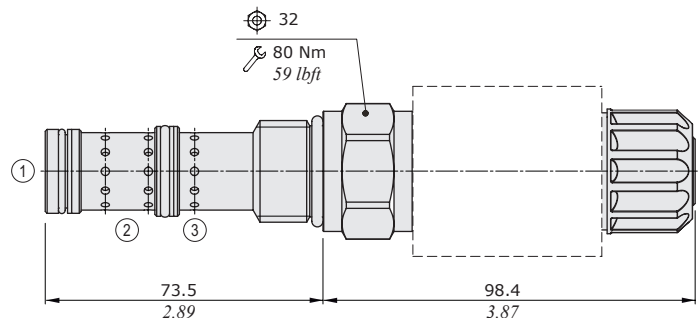
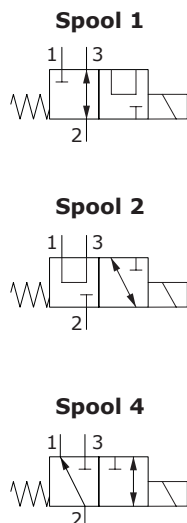
EJ12A type directional solenoid valve - 3 way / 2 positions

- Direct acting
- Spool type

Technical specifications and diagrams are measured with mineral oil of 46 cSt viscosity at 40°C (104°F) temperature.

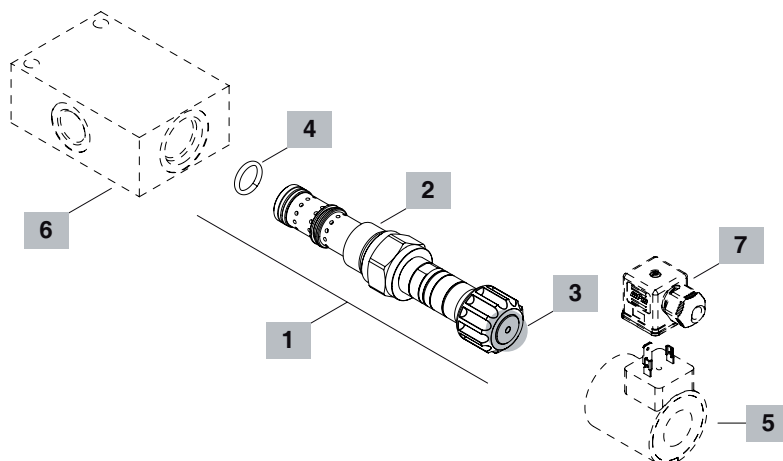
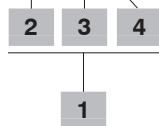
EJ12A		
Nominal flow		40 l/min (10.5 US gpm)
Max. pressure		210 bar (3050 psi)
Oil leakage	at 210 bar (3050 psi)	120 cm ³ /min (7.32 in ³ /min)
Fluid		mineral based oil
Viscosity		10-200 cSt
Max level of contamination		18/16/13 ISO4406
Fluid temperature	with NBR seals	from -20°C (-4°F) to 80°C (176°F)
	with FPM seals	from -20°C (-4°F) to 100°C (212°F)
Environmental temp. for working conditions		from -20°C (-4°F) to 50°C (122°F)
Cavity		SAE 12/3
Coil type*		BIN 22
Nominal voltages		12 VDC - 24 VDC ± 10%
Power rating		32.6 W (12 VDC) - 31 W (24 VDC)
Weight		0.500 kg (1.10 lb)

NOTE - For different conditions, please contact Walvoil Sales Dpt. - *For coils further features see from page 206.



Ordering codes and description composition

EJ12A/10 PB



1 Cartridges

TYPE	CODE	DESCRIPTION
SAE cavity 12/3		
EJ12A/10PB	0EJ12002005	Push button emergency, spool 1
EJ12A/20PB	0EJ12002006	Push button emergency, spool 2
EJ12A/40PB	0EJ12002008	Push button emergency, spool 4

2 Spool

TYPE	DESCRIPTION
1	Spool 1
2	Spool 2
4	Spool 4

3 Emergency

TYPE	DESCRIPTION
P	Push button type

4 Seals

TYPE	DESCRIPTION
B	NBR (Buna) o-ring seals, std configuration
V	FPM (Viton) o-ring seals, contact Sales Dept.

5 Coils

TYPE	CODE	DESCRIPTION
BIN22 12VDC	4SL6000128	12VDC-ISO4400 Coil

For complete coils list see from page 206

6 Valve body

TYPE	CODE	DESCRIPTION
SAE 12/3-SAE10	3CC1230L11	Aluminium body for cavity 12 valve, SAE10 std thread

For steel bodies or different threading see from page 217

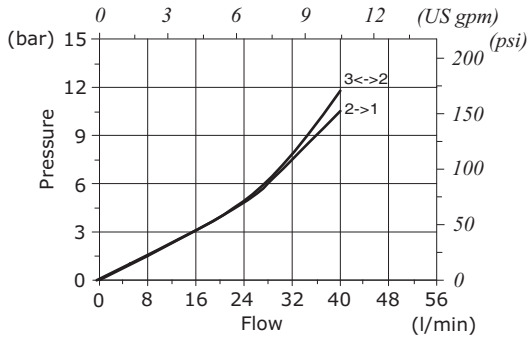
7 Connector

TYPE	CODE	DESCRIPTION
ISO4400	4CN1009995	Connector

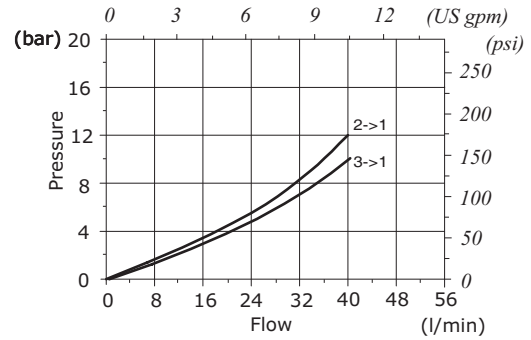
For complete connectors list see from page 206

Rating diagrams

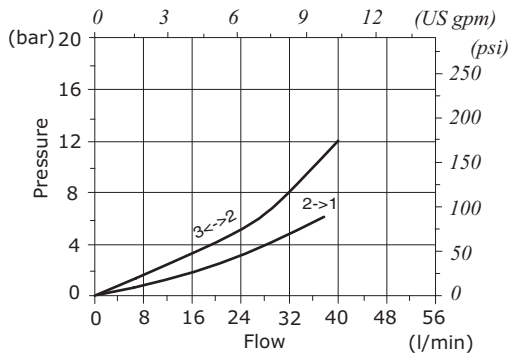
Pressure drop vs. flow
 - Spool 1 -



Pressure drop vs. flow
 - Spool 2 -



Pressure drop vs. flow
 - Spool 4 -



Performance limit
 - Spool 4 -

