

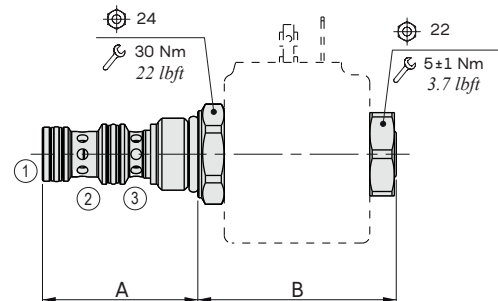
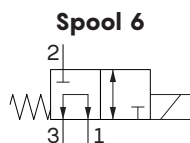
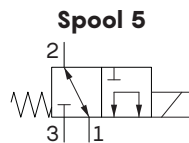
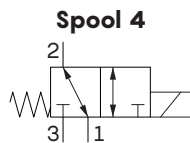
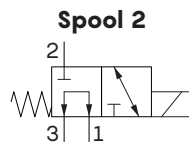
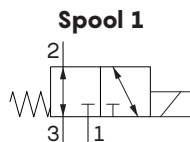
EJ08MF type directional solenoid valves – 3 way / 2 positions

- Spool type
- Direct acting with on-off solenoid
- Suitable for low pressure: 70 bar (1015 psi)
- Different types of emergencies available
- Different spool options and related schemes available

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

EJ08MF		
Nominal flow		10 l/min (2.64 US gpm)
Max. pressure		70 bar (1015 psi)
Oil leakage	at 70 bar (1015 psi)	20 cm ³ /min (1.22 in ³ /min)
Fluid		mineral based or synthetic hydraulic fluid with lubricating properties
Viscosity		10-200 cSt
Max level of contamination		18/16/13 ISO4406
Fluid temperature	with NBR seals+Polyurethane with FPM seals	from -25°C (-13°F) to 90°C (194°F) from -20°C (-4°F) to 110°C (230°F)
Environmental temp. for working conditions		from -20°C (-4°F) to 60°C (140°F)
Cavity		SAE 8/3
Coil type*		BER
Nominal voltages		12VDC – 24VDC ± 10%
Power rating		19 W
Weight		0.358 kg (0.79 lb)

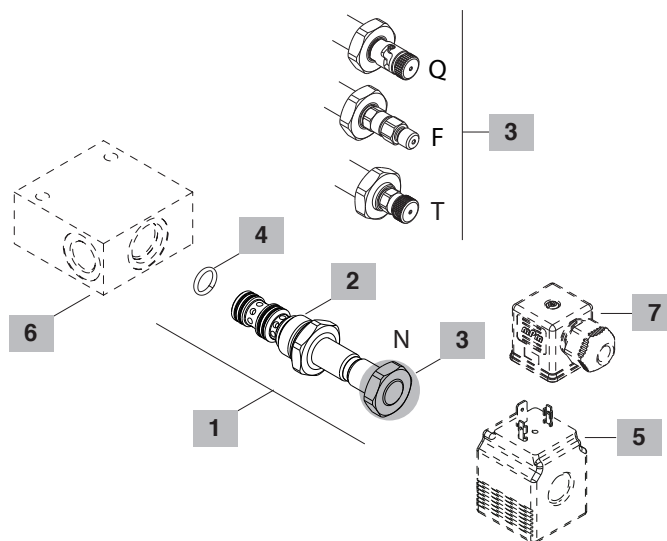
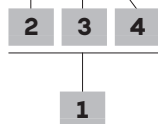
NOTE - For different conditions, please contact Walvoil Sales Dpt. - *For coils further features see from page 201.



Valve type	A		B			
			N without emergency		T screw type	
	mm	in	mm	in	mm	in
EJ08MF	41.1	1.62	52.5	2.07	67.5	2.66

Ordering codes and description composition

EJ08MF/ 1 0 N B



1 Cartridges

TYPE	CODE	DESCRIPTION
SAE cavity 08/3		
EJ08MF/10NB	0EJ08002070	Without emergency, spool 1
EJ08MF/20NB	0EJ08002072	Without emergency, spool 2
EJ08MF/40NB	0EJ08002074	Without emergency, spool 4
EJ08MF/50NB	0EJ08002075	Without emergency, spool 5
EJ08MF/60NB	0EJ08002076	Without emergency, spool 6
EJ08MF/20TB	0EJ08002079	Screw type emergency, spool 2

2 Spool

TYPE	DESCRIPTION
1	Spool 1
2	Spool 2
4	Spool 4
5	Spool 5
6	Spool 6

3 Emergency

TYPE	DESCRIPTION
N	Without emergency
T	Screw type
F	Pull button type (N.C.)
Q	Pull type with detent (N.C.)

4 Seals

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

5 Coils

TYPE	CODE	DESCRIPTION
BER12VDC	4SLE001200A	12VDC-ISO4400 coil

For complete coils list see page 201

6 Valve body

TYPE	CODE	DESCRIPTION
SAE08/3-SAE8	3CC0830K11	Aluminium body for cavity 08 valve, SAE8 std thread

Note: aluminium body can stand up to 210 bar (3050 psi)
For steel bodies or different threading see from page 210

7 Connector

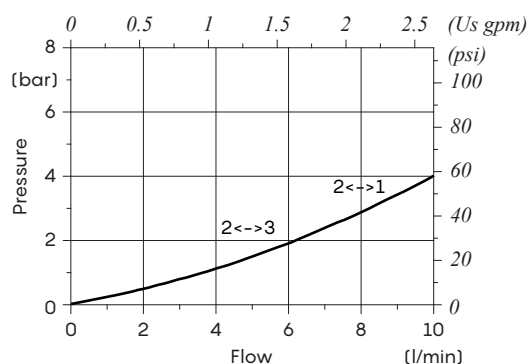
TYPE	CODE	DESCRIPTION
ISO4400	4CN1009995B	Connector

For complete connectors list see from page 201

Rating diagrams

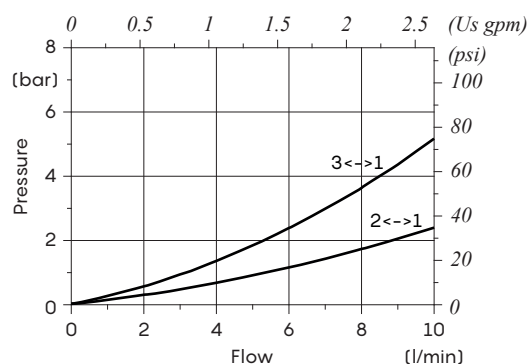
Pressure drop vs. flow

Spool 1



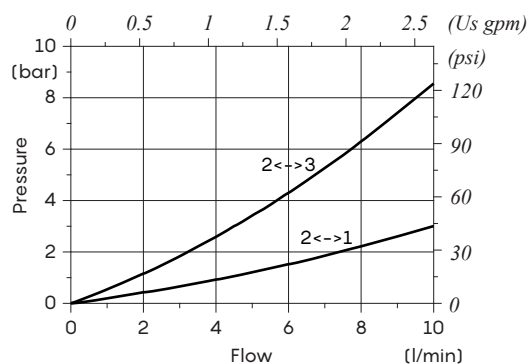
Pressure drop vs. flow

Spool 2



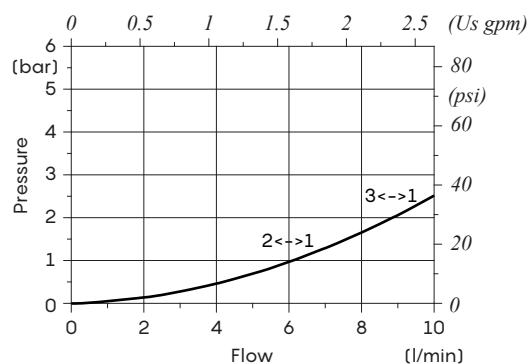
Pressure drop vs. flow

Spool 4



Pressure drop vs. flow

Spool 5



Pressure drop vs. flow

Spool 6

