



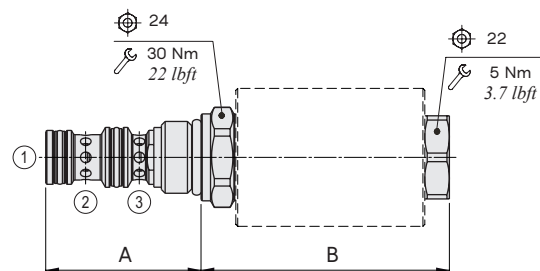
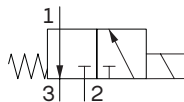
EJ08G type directional solenoid valves – 3 way / 2 positions

- Spool type
- Direct acting with on-off solenoid
- Suitable for high pressure: 350 bar (5100 psi)
- Different types of emergencies available

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

EJ08G		
Nominal flow		3 l/min (0.80 US gpm)
Max. pressure		350 bar (5100 psi)
Oil leakage	at 210 bar (3050 psi)	10 cm ³ /min (0.61 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*		BT
Nominal voltages		12VDC – 24VDC ± 10%
Power rating		21 W
Weight		0.134 kg (0.29 lb)

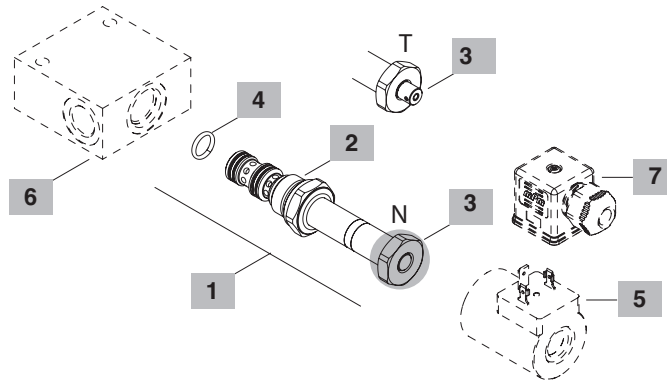
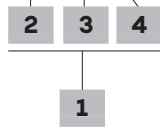
NOTE – For different conditions, please contact Walvoil Sales Dpt. – *For coils further features see from page 201.



Valve type	A		B			
			N without emergency		T screw type	
	mm	in	mm	in	mm	in
EJ08G	41.1	1.62	66	2.6	73.5	2.89

Ordering codes and description composition

EJ08G/ 2 0 N B



1 Cartridges

TYPE	CODE	DESCRIPTION
SAE cavity 08/3		
EJ08G/20NB	OEJ08002035	Without emergency
EJ08G/20TB	OEJ08002042	Screw type emergency

2 Spool

TYPE	DESCRIPTION
2	Spool 2

3 Emergency

TYPE	DESCRIPTION
N	Without emergency
T	Screw type

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
BT12VDC	4SL3000120	12VDC-ISO4400 coil

For complete coils list see page 201

6 Valve body

TYPE	CODE	DESCRIPTION
SAE08/3-SAE6	3CC0830J11	Aluminium body for cavity 08 valve, SAE6 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

