



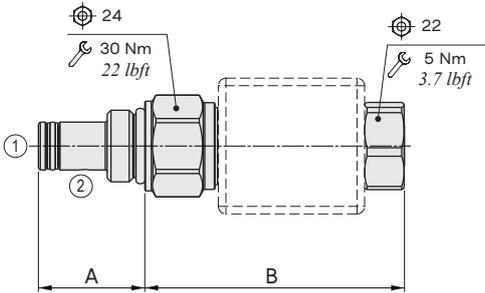
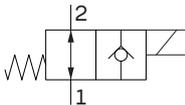
EB08M type directional solenoid valves – 2 way/2 positions

- Poppet type
- Direct acting with on-off solenoid
- Different types of emergencies available
- Configuration normally open

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

		EB08M
Nominal flow		2 l/min (0.53 US gpm)
Max. pressure		350 bar (5100 psi)
Oil leakage	at 210 bar (5100 psi)	0.25 cm ³ /min (0.015 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 8/2
Coil type*		BER
Nominal voltages		12VDC - 24VDC ± 10%
Power rating		19 W
Weight		0.399 kg (0.88 lb)

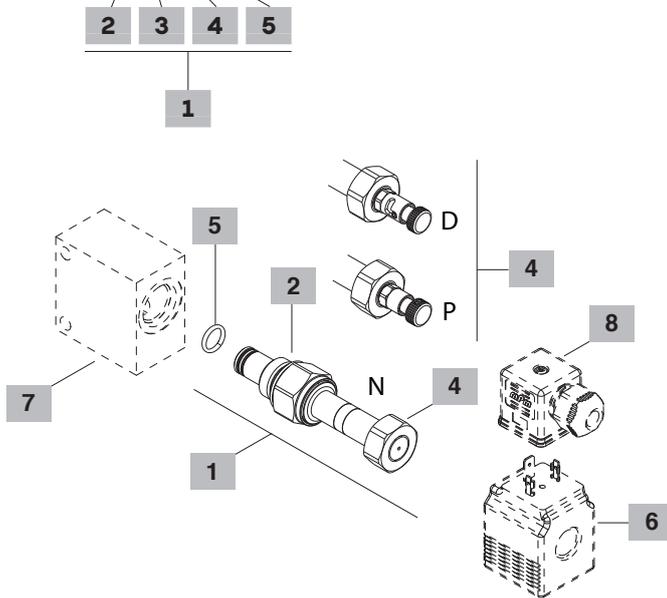
NOTE - For different conditions, please contact Walvoil Sales Dpt. - *For coils further features see from page 201.



Valve type	A		B					
	mm	in	N without emergency	P push button	D push type with detent			
EB08M	28	1.10	68.4	2.69	91.3	3.59	94	3.7

Ordering codes and description composition

EB08M/ 1 0 N B



1 Cartridges

TYPE	CODE	DESCRIPTION
SAE cavity 08/2		
EB08M/10NB	0EB08002001	(N.O.) without emergency
EB08M/1HDB	0EB08002000	As previous one, push type with detent emergency
EB08M/10PB	0EB08002002	As previous one, push button emergency

2 Spool

TYPE	DESCRIPTION
1	Normally open configuration

3 Anti tampering arrangement

TYPE	DESCRIPTION
0	Without anti tampering arrangement
H	With anti tampering arrangement

4 Emergency

TYPE	DESCRIPTION
N	Without emergency
P	Push button emergency
D	Push type with detent

Note: for configurations with different emergency types contact Sales Dept.

5 Seals

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

6 Coils

TYPE	CODE	DESCRIPTION
BER12VDC	4SLE001200A	12VDC-ISO4400 coil

For complete coils list see page 201

7 Valve body

TYPE	CODE	DESCRIPTION
SAE08/2-G 1/4	3CC0820B11	Aluminium body for cavity 08 valve, G 1/4 std thread

Note: aluminium body can stand up to 210 bar (3050 psi)
For steel bodies or different threading see from page 208

8 Connector

TYPE	CODE	DESCRIPTION
ISO4400	4CN1009995B	Connector

For complete connectors list see from page 201

Rating diagrams

Pressure drop vs. flow

