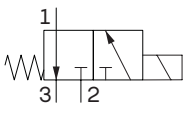
EJ08G type
directional solenoid valves - 3 way / 2 positions

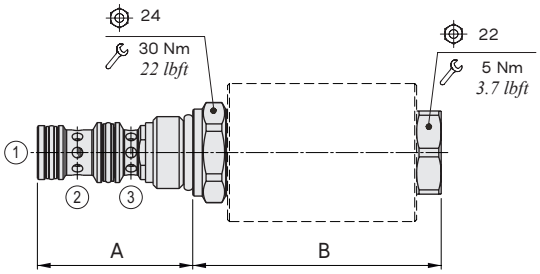
- Spool type
- Direct acting with on-off solenoid
- Suitable for high pressure: 350 bar *(5100 psi)*
- Different types of emergencies available

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 sinthetic 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.





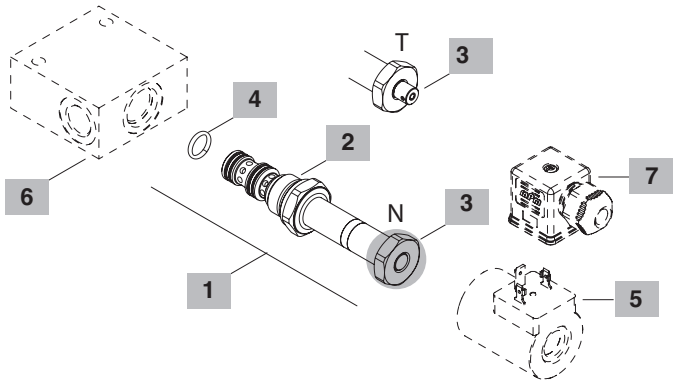
Valve type	A		B			
			N without emergency		T screw type	
	mm	in	mm	in	mm	in
EJ08G	41.1	1.62	66	2.6	73.5	2.89

Ordering codes and description composition

EJ08G/ 2 0 N B

2 3 4

1



1 Cartridges

TYPE	CODE	DESCRIPTION
SAE cavity 08/3		
EJ08G/20NB	0EJ08002035	Without emergency
EJ08G/20TB	0EJ08002042	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-G 1/4	3CC0830B11	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 210

7 Connector

TYPE	CODE	DESCRIPTION
ISO4400	4CN1009995B	Connector

For complete connectors list see from page 201

Rating diagrams

Pressure drop vs. flow