



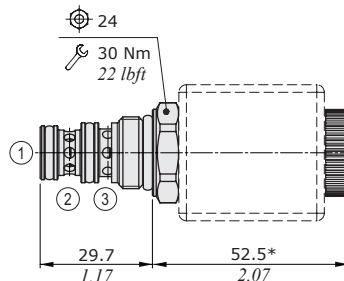
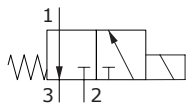
## EJ8CA type directional solenoid valve - 3 way / 2 positions

- Direct acting
- Spool type
- Suitable for low pressure: 70 bar (1015 psi)
- SAE 08/3C cavity

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

		<b>EJ8CA</b>
Nominal flow		10 l/min (2.64 US gpm)
Max. pressure		70 bar (1015 psi)
Oil leakage	at 70 bar (1015 psi)	20 cm <sup>3</sup> /min (1.22 in <sup>3</sup> /min)
Fluid		olio a base minerale
Viscosity		10-200 cSt
Max level of contamination		18/16/13 ISO4406
Fluid temperature	<i>with NBR seals</i> <i>with FPM seals</i>	from -20°C (-4°F) to 80°C (176°F) 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 08/3C
Coil type (¹)		BER
Nominal voltages		12 VDC - 24 VDC ± 10%
Power rating		22.8 W (12 VDC) - 22.5 W (24 VDC)
Weight		0.116 kg (0.26 lb)

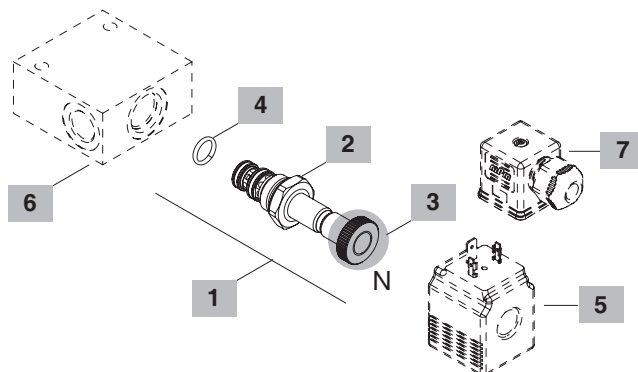
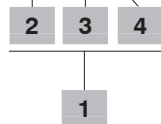
NOTE - For different conditions, please contact Walvoil Sales Dpt. - (¹) For coils further features see from page 206.



NOTE (\*): dimension for configuration **EJ8CA/20NB**, for dimensions with different type of emergency see page 213.

### Ordering codes and description composition

EJ8CA/20 NB



#### 1 Cartridges

TYPE	CODE	DESCRIPTION
<b>SAE cavity 08/3C</b>		
EJ8CA/20NB	0EJ8C002000	Without emergency

#### 2 Spool

TYPE	DESCRIPTION
2	Spool 2

#### 3 Emergency

TYPE	DESCRIPTION
N	Without emergency

#### 4 Seals

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

#### 5 Coils

TYPE	CODE	DESCRIPTION
<b>BER 12VDC</b>		
4SLE001200		12VDC-ISO4400 coil

For complete coils list see from page 206

#### 6 Valve body

TYPE	CODE	DESCRIPTION
<b>SAE 08/3C-G 3/8</b>		
3CC0833C11		Aluminium body for cavity 08C valve, G3/8 std thread

For steel bodies or different threading see from page 217

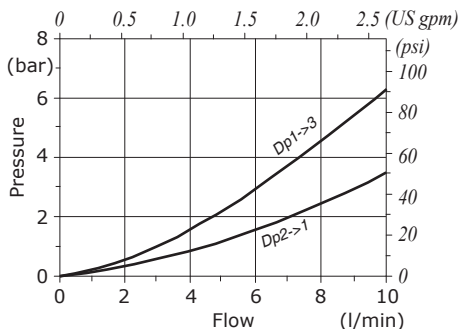
#### 7 Connector

TYPE	CODE	DESCRIPTION
<b>ISO4400</b>		
4CN1009995		Connector

For complete connectors list see from page 206

### Rating diagrams

Pressure drop vs. flow



Performance limit

