



THERMOSTATIC BY-PASS VALVE

INSTALLATION

The temperature regulator is installed in the oil circuit between the pump and the heat exchanger. It works as a by-pass regulator and the oil reservoir temperature is held constant. It may be used as mixing application as well (see fig.2)

TECHNICAL FEATURES

- Aluminum body;
- Fixed temperature values;
- Sharp regulating accuracy;
- Regulating function independent of static and dynamic oil pressure;
- Low pressure drop values;
- Solid design;
- Shock Proof;
- Functionally independent of installed position;
- Maintenance-free;
- Long service life;
- Working pressure: 232 PSI

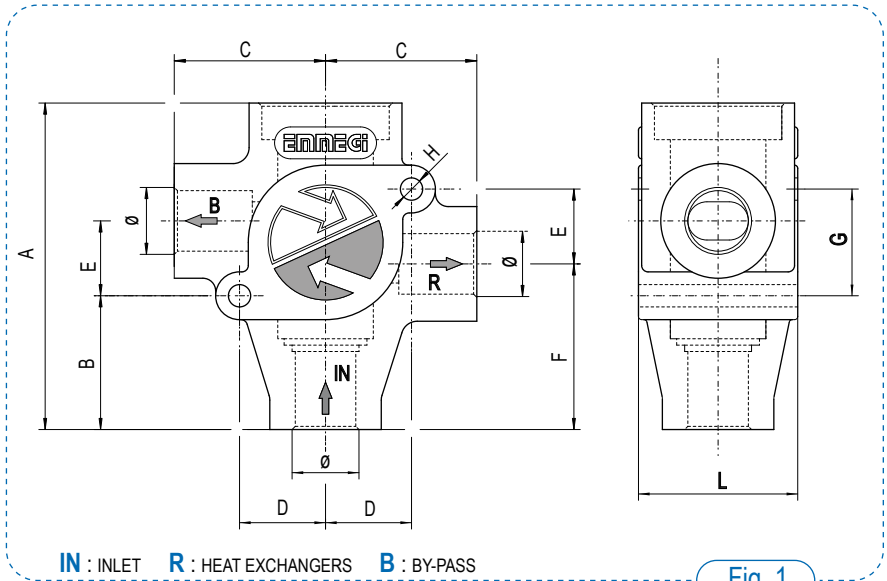
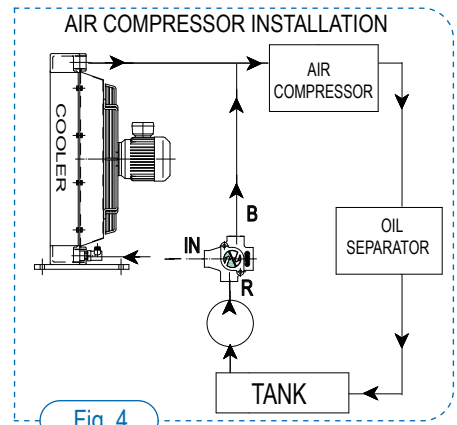
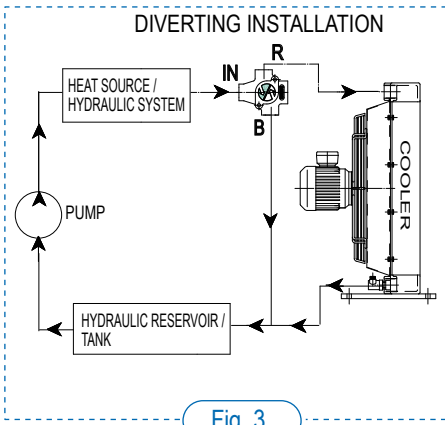
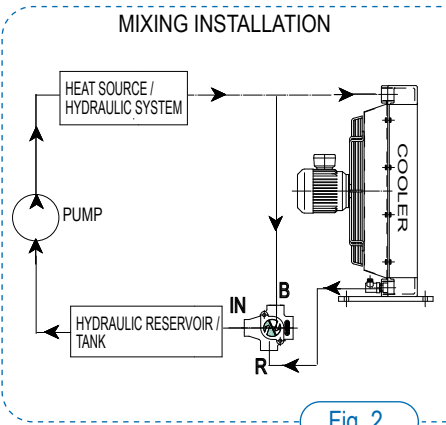


Fig. 1

Type	Ø	Unit of Measure	A	B	C	D	E	F	G	H	L
S08	SAE08	(inch)	4.01	1.61	1.83	1.06	0.90	2.00	1.29	Ø .255	1.96
		(mm)	102	41	46.5	27	23	51	33	Ø 6.5	50
S12	SAE12	(inch)	4.01	1.61	1.83	1.06	0.90	2.00	1.29	Ø .255	1.96
		(mm)	102	41	46.5	27	23	51	33	Ø 6.5	50
S16	SAE16	(inch)	4.80	1.92	2.18	1.71	1.27	2.34	1.69	Ø .334	2.51
		(mm)	122	49	55.5	43.5	32.5	59.5	43	Ø 8.5	64
S24	SAE24	(inch)	4.80	1.92	2.18	1.71	1.27	2.34	1.69	Ø .334	2.51
		(mm)	122	49	55.5	43.5	32.5	59.5	43	Ø 8.5	64



Thermostatic valves may be installed in either mixing, or diverting mode. It is generally recommended to install as mixing when there is a large system volume of oil.

STANDARD TEMPERATURE RANGES	
Opening temp	Max flow to cooler
104°F	122°F
131°F	149°F
158°F	176°F
176°F	194°F

Es. Type S16 opening temperature 131° F
CODE : S16131F

