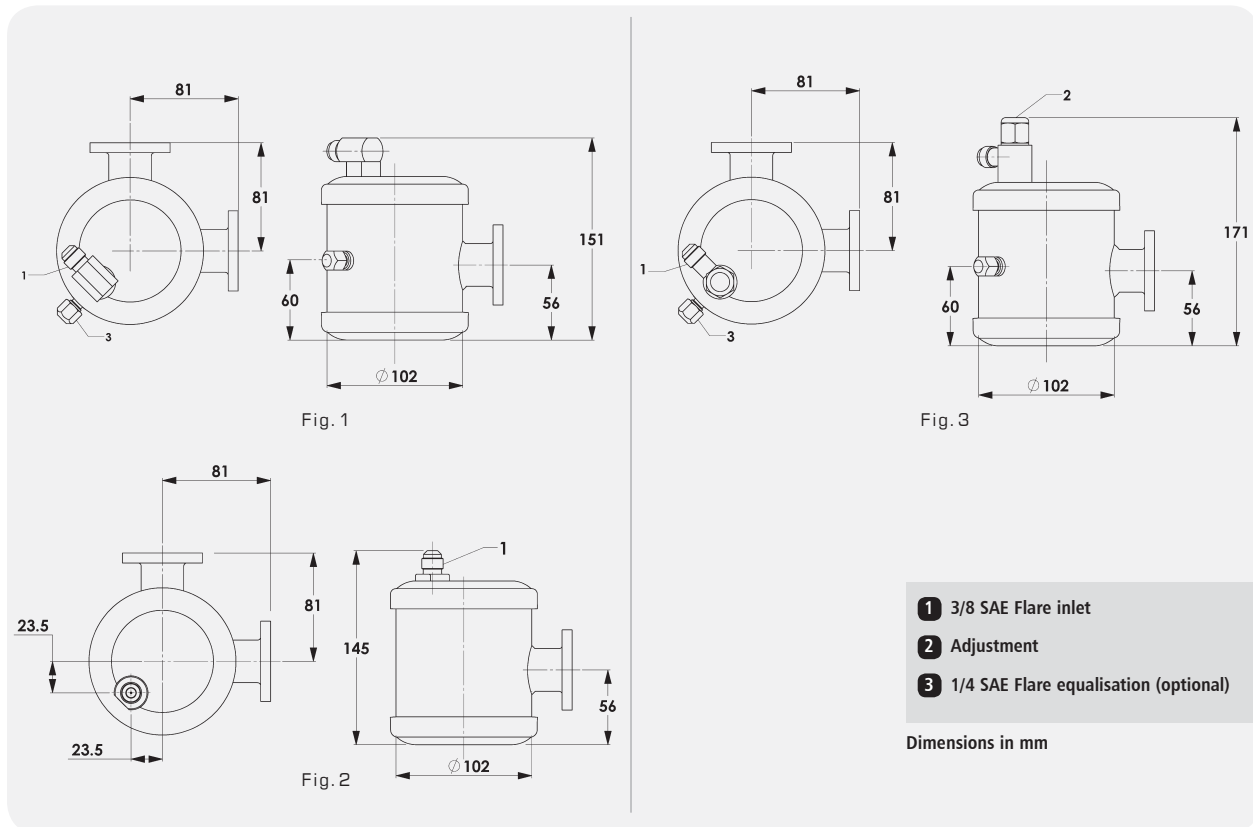


MECHANICAL OIL LEVEL REGULATORS

Part No	Regulator type	Sight glass oil level	Equalisation	Allowable oil pressure differential, bar	Drawing reference	MWP (barg)	Weight (kg)	Compressor sight glass connection	CE Cat
S-9510	Fixed	1/2	No	0.35 to 2.1	fig.1	31	2.20	3-Bolt 1.7/8" B.C. & 4-Bolt 50mm B.C.	SEP
S-9510E	Fixed	1/2	Yes	0.35 to 2.1	fig.1	31	2.20		SEP
S-9510V	Fixed	1/2	No	0.35 to 2.1	fig.2	31	2.10		SEP
S-9530	Adjustable	1/4 to 5/8	No	0.35 to 6.2	fig.3	31	2.30		SEP
S-9530E	Adjustable	1/4 to 5/8	Yes	0.35 to 6.2	fig.3	31	2.30		SEP
SN-9530EHP	Adjustable	1/4 to 5/8	Yes	0.35 to 6.2	fig.3	45	2.30		SEP



Selection Guidelines

The correct selection depends on the refrigerant type, differential oil pressure acting on the regulator, and the user's preference for crankcase oil level control. Some users prefer the simplicity of model S-9510 while others prefer model S-9530E, owing to the larger pressure differential, oil level adjustment and equalisation features.

Note: Differential oil pressure is the difference between the supply pressure at inlet to the regulator and the pressure inside the compressor crankcase. Gravity pressure head should be included also, if applicable.

Installation – Main issues

1. To protect the regulator from system debris, an oil strainer, oil filter or oil filter drier is recommended.
2. The regulator can be fitted directly to 2, 3 and 4 cylinder compressors and to most 6-cylinder compressors that use a standard 3 or 4 bolt sight glass. For other compressor configurations, an adaptor will be required.
3. The regulator should not be subjected to excessive vibration. The operating differential oil pressure should be within the range of the regulator's specification.
4. The oil level must be set and controlled in line with the compressor manufacturer's guidelines.
5. Full instructions are given in the Product Instruction Sheet included with each regulator.