

OIL RESERVOIRS



Product introduction ;

The function of an Oil Reservoir is to provide a storage which stores the oil separated by oil separators to ensure that the oil is turned back to the crankcase of the compressor via oil level regulator.

Oil reservoir prevents circulation of the liquid to the oil level regulator, and thus the changes of oil flow caused by the compressor are prevented instantly.

Type of the oil reservoir should be determined according to the number of the compressor to be used or the oil volume of the unit.

Oil reservoirs operate in low pressure oil management systems.

Rotalock Valve

2 units of 3/8"SAE rotalock valves are supplied as installed on each reservoir to facilitate easy control of the oil fill and drain.

Sight Glass

Oil reservoirs have 2 sight glasses for visual indication of the oil level. Sight glasses are designed considering minimum and maximum levels.

Level indicator balls in the sight glass provide great convenience to see the oil level.

Check Valve

A 3/8"SAE connection is provided at the top of the unit for fitting a check valve. Check valves are supplied according to the pressure demands.

A wide range of oil reservoirs with different volumes can be supplied.

Our oil reservoirs are in 2 different models, one with Deep Drawing other Steel Pipes casing. Please check the technical specifications for detailed information.

When the oil level is below the sight glass level on the oil reservoir, put some additional oil. Reservoirs should be installed in a position higher than the compressor crankcase. Oil reservoirs are manufactured according to the requirements of 97/23/EC.

CHECK VALVE



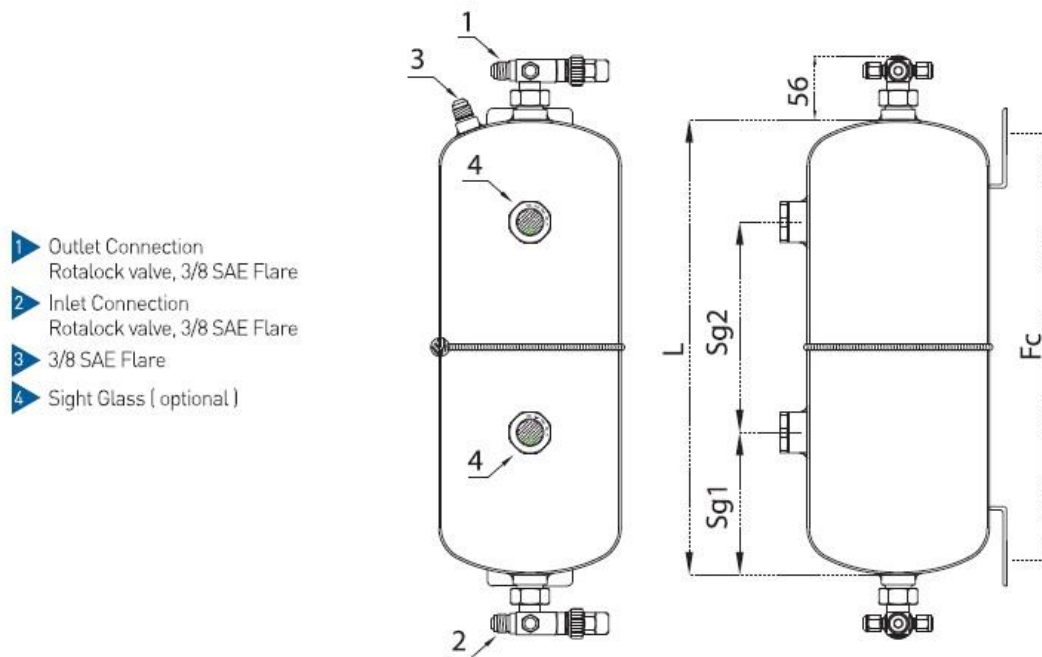
Model	Pressure Setting (barg)	Connection Size (Inch)		CE	
		Inlet	Outlet	PED	97/23/EC
S-9104	0,35 Fixed	3/8"SAE Flare Female	3/8"SAE Flare Male	SEP	
S-9104H	1,4 Fixed	3/8"SAE Flare Female	3/8"SAE Flare Male	SEP	
S-9104XH	2,4 Fixed	3/8"SAE Flare Female	3/8"SAE Flare Male	SEP	

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Technical Data

- Deep Drawn
- Max. Allowable Working Pressure - 33 Bar
- Max. Allowable Working Temperature / - 10° C + 130° C
- All models supplied with Sight Glasses
- All models supplied with Rotalock Valves
- All models supplied without Check valve
- We can manufacture products in different designs or with different volumes upon request..



Model	Volume (Lt)	Dimensions					Connection Sizes			Sight Glass	CE	
		Da (mm)	L (mm)	Sg1 (mm)	Sg2 (mm)	Fc (mm)	Inlet (Inch)	Outlet (Inch)	Connection For Check Valve		PED 33 Bar	97/23/EC 45 Bar
OR-01	3,8	∅140	280	90	120	255	Rotalock Valve 3/8" SAE Flare	3/8" SAE Flare	SW36 with Swimming Ball	CAT I / A1	/	
OR-02	7,2	∅160	400	125	185	375						
OR-03	10,8	∅180	480	140	220	455						
OR-04	14,6	∅219	440	140	190	395						
OR-05	18,7		560	190	240	515						
OR-06	23,3		∅273	450	150	190				270		