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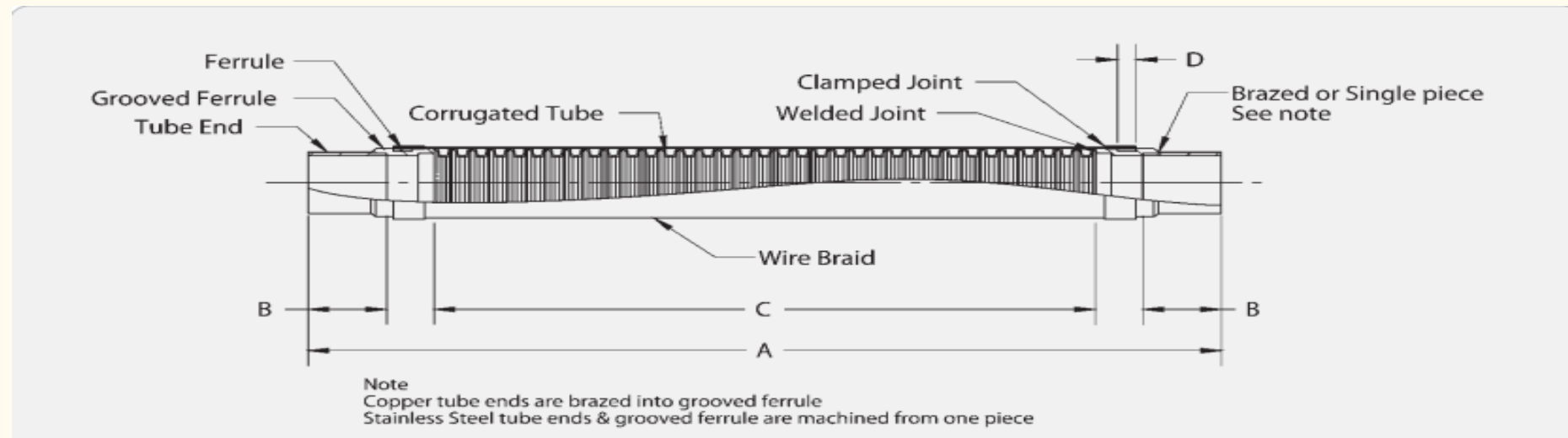
Beijer Ref India – Henry Training-(2022)

Henry Company Profile

Headquarters: Illinois, United States

Founded: 1914

Vibration Eliminators



Vibration Eliminators

V and VS Series (Imperial range)

Part No		ODS (inch)	Dimensions (mm)				MWP (barg)		Weight (kg)	CE Cat
			A	B	C	D				
V Series	VS Series		(+/-6)	(+/-3)	(+/-3)	(+/-1.5)	V Series	VS Series		
V-1/4	VS-1/4	1/4	202	17	133	10	44.8	60.0	0.14	SEP
V-3/8	VS-3/8	3/8	215	18	141	10	44.8	60.0	0.14	SEP
V-1/2	VS-1/2	1/2	225	18	151	10	44.8	60.0	0.15	SEP
V-5/8	VS-5/8	5/8	247	20	169	10	44.8	60.0	0.21	SEP
V-3/4	VS-3/4	3/4	266	23	180	11	44.8	60.0	0.32	SEP
V-7/8	VS-7/8	7/8	301	25	211	11	44.8	60.0	0.31	SEP
V-1-1/8	VS-1-1/8	1-1/8	329	32	223	12	41.3	60.0	0.42	SEP
V-1-3/8	VS-1-3/8	1-3/8	392	35	274	14	37.9	60.0	0.66	Cat I
V-1-5/8	VS-1-5/8	1-5/8	425	40	295	16	35.1	45.0	0.98	Cat I
V-2-1/8	VS-2-1/8	2-1/8	520	50	370	16	27.5	40.0	1.46	Cat I
V-2-5/8	VS-2-5/8	2-5/8	613	60	434	19	24.1	35.0	2.60	Cat I
V-3-1/8	VS-3-1/8	3-1/8	680	70	481	19	22.0	30.0	3.60	Cat I
V-3-5/8	VS-3-5/8	3-5/8	812	85	579	21	13.0	20.0	4.70	Cat I
V-4-1/8	VS-4-1/8	4-1/8	832	90	589	21	13.0	20.0	5.50	Cat I

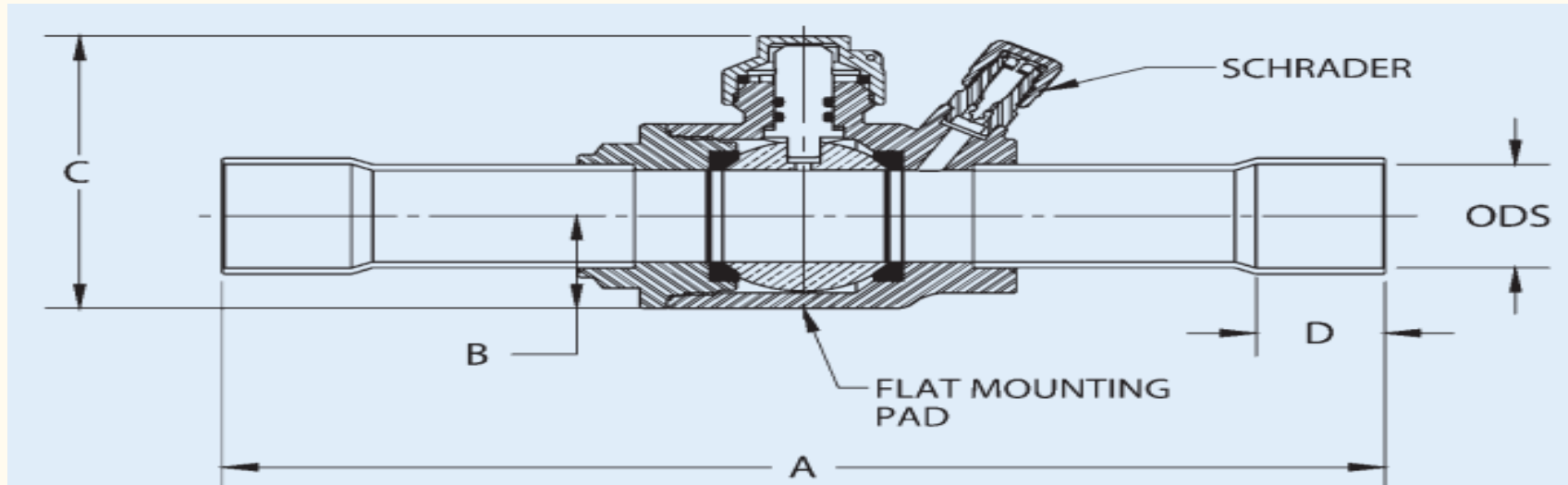
Ball Valves



Technical Specification

Allowable operating temperature = -40oC to +120oC

Allowable operating pressure = 0 to 48 barg
(higher pressures available on request)



Ball Valves

Ball Valves Imperial

Part No		ODS (inch)	Dimensions (mm)					Port Size (mm)	Weight (kg)	MWP (barg)	Kv Value (m ³ /hr)	CE Cat
Standard	Schrader Valve		A	B	C	D	Mounting pad hole thread details -2 off					
907202	937202	1/4	165	16	54	8	8-36 UNF-2B X 20 mm pitch	12.70	0.33	48	1.81	SEP
907203	937203	3/8	165	16	54	8	8-36 UNF-2B X 20 mm pitch	12.70	0.33	48	3.70	SEP
907204	937204	1/2	165	16	54	10	8-36 UNF-2B X 20 mm pitch	12.70	0.33	48	6.02	SEP
907205	937205	5/8	165	16	54	13	8-36 UNF-2B X 20 mm pitch	12.70	0.33	48	11.95	SEP
907306	937306	3/4	184	21	67	16	8-36 UNF-2B X 32 mm pitch	19.05	0.62	48	18.06	SEP
907307	937307	7/8	184	21	67	19	8-36 UNF-2B X 32 mm pitch	19.05	0.64	48	26.06	SEP
907409	937409	1 1/8	216	25	76	23	10-32 UNF-2B X 40 mm pitch	25.40	0.95	48	52.72	SEP
907511	937511	1 3/8	235	31	94	25	10-32 UNF-2B X 48 mm pitch	31.75	1.52	48	73.27	Cat I
907613	937613	1 5/8	254	39	109	28	1/4"-28 UNF-2B X 60 mm pitch	38.10	2.44	48	182.32	Cat I
907617	937617	2 1/8	289	47	132	34	1/4"-28 UNF-2B X 75 mm pitch	50.80	4.58	48	245.10	Cat I
907721	937721	2 5/8	327	47	132	37	1/4"-28 UNF-2B X 75 mm pitch	50.80	5.04	48	204.68	Cat I
907721FP	937721FP	2 5/8	365	60	154	37	1/4"-28 UNF-2B X 75 mm pitch	63.50	8.73	48	258.86	Cat I
907725	937725	3 1/8	365	60	154	42	1/4"-28 UNF-2B X 75 mm pitch	63.50	8.73	48	278.64	Cat I
907825FP	-	3 1/8	420	72	178	43	5/16-24 UNF-2B X 104 mm pitch	80.00	18.20	48	361.20	Cat I
907829	-	3-5/8	420	72	178	43	5/16-24 UNF-2B X 104 mm pitch	80.00	18.20	48	439.46	Cat I
907833	-	4-1/8	420	72	178	56	5/16-24 UNF-2B X 104 mm pitch	80.00	18.20	48	447.20	Cat I

Conventional Oil Separators

The function of a Conventional Oil Separator is to remove oil from the discharge gas and return it to the compressor, either directly or indirectly. This helps maintain the compressor crankcase oil level and raises the efficiency of the system by preventing excessive oil circulation.

Technical Specification:

Allowable operating pressure = 0 to 31 barg

Allowable operating temperature = -10oC to +130oC

Materials of Construction:

The main components; shell, end caps and connections are made from carbon steel. The oil float is made from stainless steel. The needle valve seat is made from steel.



Conventional Oil Separators

Part No	Conn Size (inch)	Dimensions (mm)						Mounting details	Drawing reference	Weight (kg)	Pre-charge qty (l)	CE Cat
		Ø A	B	C	D	E	Ø F					
S-5580	1/4 ODS	102	210	48	N/A	N/A	N/A	M10	fig.1	2	0.4	SEP
S-5581	3/8 ODS	102	210	48	N/A	N/A	N/A	M10	fig.1	2	0.4	SEP
S-5582	1/2 ODS	102	260	48	N/A	N/A	N/A	M10	fig.1	3	0.4	SEP
S-5585-CE	5/8 ODS	102	362	48	N/A	N/A	N/A	M10	fig.1	4	0.4	Cat I
S-5587-CE	7/8 ODS	102	451	48	N/A	N/A	N/A	M10	fig.1	5	0.4	Cat I
S-5588-CE	1 1/8 ODS	102	533	48	N/A	N/A	N/A	M10	fig.1	5	0.4	Cat I
S-5590-CE	1 3/8 ODS	102	540	48	N/A	N/A	N/A	M10	fig.1	5	0.4	Cat I
S-5882	1/2 ODS	102	260	48	140	N/A	N/A	M10	fig.2	4	0.4	SEP
S-5885-CE	5/8 ODS	102	362	48	140	N/A	N/A	M10	fig.2	6	0.4	Cat I
S-5887-CE	7/8 ODS	102	451	48	140	N/A	N/A	M10	fig.2	6	0.4	Cat I
S-5888-CE	1 1/8 ODS	102	533	48	140	N/A	N/A	M10	fig.2	7	0.4	Cat I
S-5890-CE	1 3/8 ODS	102	540	48	140	N/A	N/A	M10	fig.2	7	0.4	Cat I
S-5687-CE	7/8 ODS	152	283	76	N/A	N/A	N/A	M10	fig.1	7	0.9	Cat I
S-5688-CE	1 1/8 ODS	152	391	76	N/A	N/A	N/A	M10	fig.1	8	0.9	Cat I
S-5690-CE	1 3/8 ODS	152	395	76	N/A	N/A	N/A	M10	fig.1	8	0.9	Cat I
S-5692-CE	1 5/8 ODS	152	473	76	N/A	N/A	N/A	M10	fig.1	10	0.9	Cat II
S-5694-CE	2 1/8 ODS	152	486	76	N/A	N/A	N/A	M10	fig.1	10	0.9	Cat II
S-5792-CE	1 5/8 ODS	152	743	121	127	203	223	2 x Ø 14mm slots	fig.3	12	0.7	Cat II
S-5794-CE	2 1/8 ODS	152	751	117	133	203	223	2 x Ø 14mm slots	fig.3	12	0.7	Cat II
S-1901-CE	1 5/8 ODS	219	534	89	N/A	86	160	3 x Ø 14mm slots	fig.4	20	0.7	Cat II
S-1902-CE	2 1/8 ODS	219	533	89	N/A	86	160	3 x Ø 14mm slots	fig.4	20	0.7	Cat II
S-1903-CE	2 5/8 ODS	273	546	118	N/A	71	214	3 x Ø 14mm slots	fig.4	27	0.7	Cat II
S-1904-CE	3 1/8 ODS	324	655	141	N/A	110	268	3 x Ø 14mm slots	fig.4	39	0.7	Cat II

Conventional Oil Separators

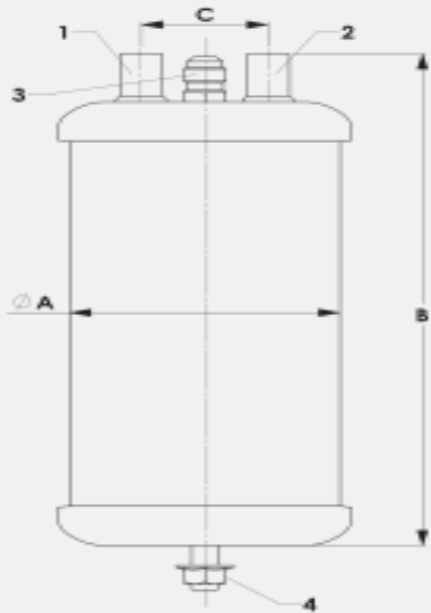


Fig. 1

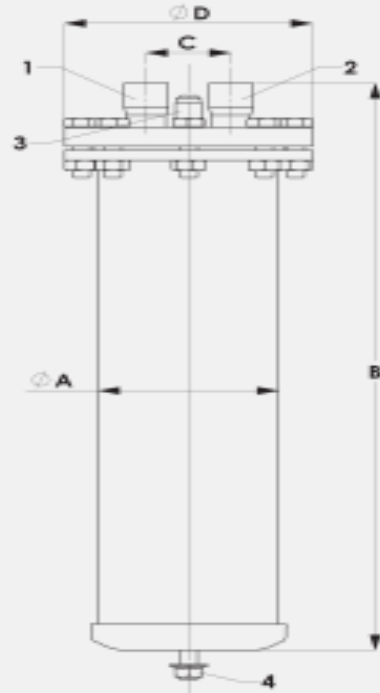


Fig. 2

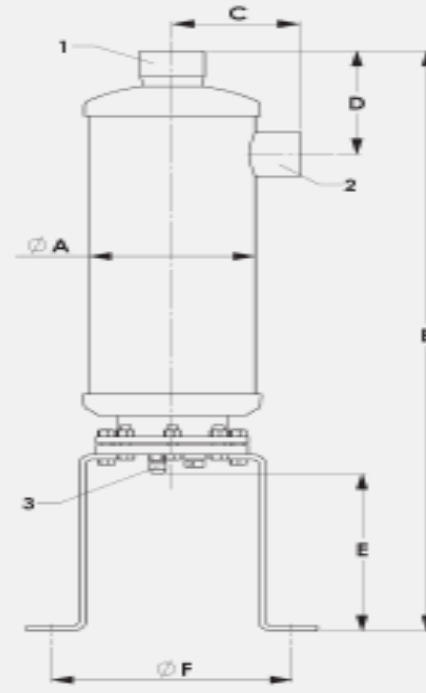


Fig. 3

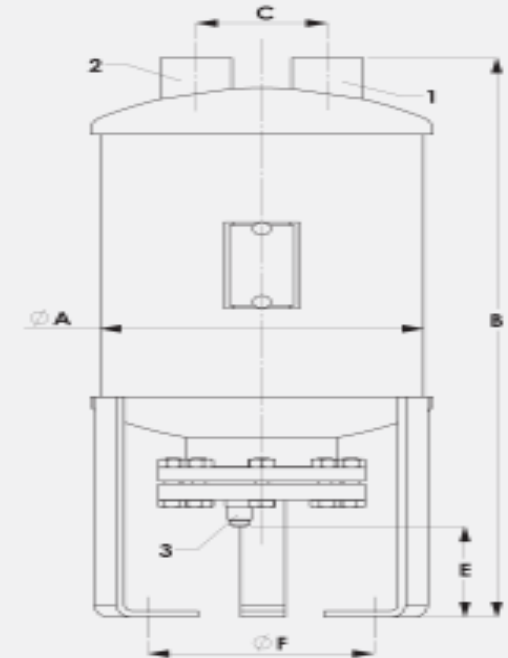


Fig. 4

- 1 Inlet
- 2 Outlet
- 3 Oil return, 3/8 SAE Flare
- 4 M10 stud and nut

Helical Oil Separators

Main Features:

- Patented Henry Technologies Design#
- High oil separation efficiency - up to 99%
- Low pressure drop
- No blocked elements because of too much oil in the system

Technical Specification:

For all models excluding SH series:-

Allowable operating pressure = 0 to 31 barg

Allowable operating temperature = -10oC to +130oC

For SH models:-

Allowable operating pressure = 0 to 45 barg

Allowable operating temperature = -10oC to +110oC

Materials of Construction:

The main components; shell, end caps and connections are made from carbon steel. The oil float is made from stainless steel. The needle valve seat is made from either brass or steel, dependent on model.

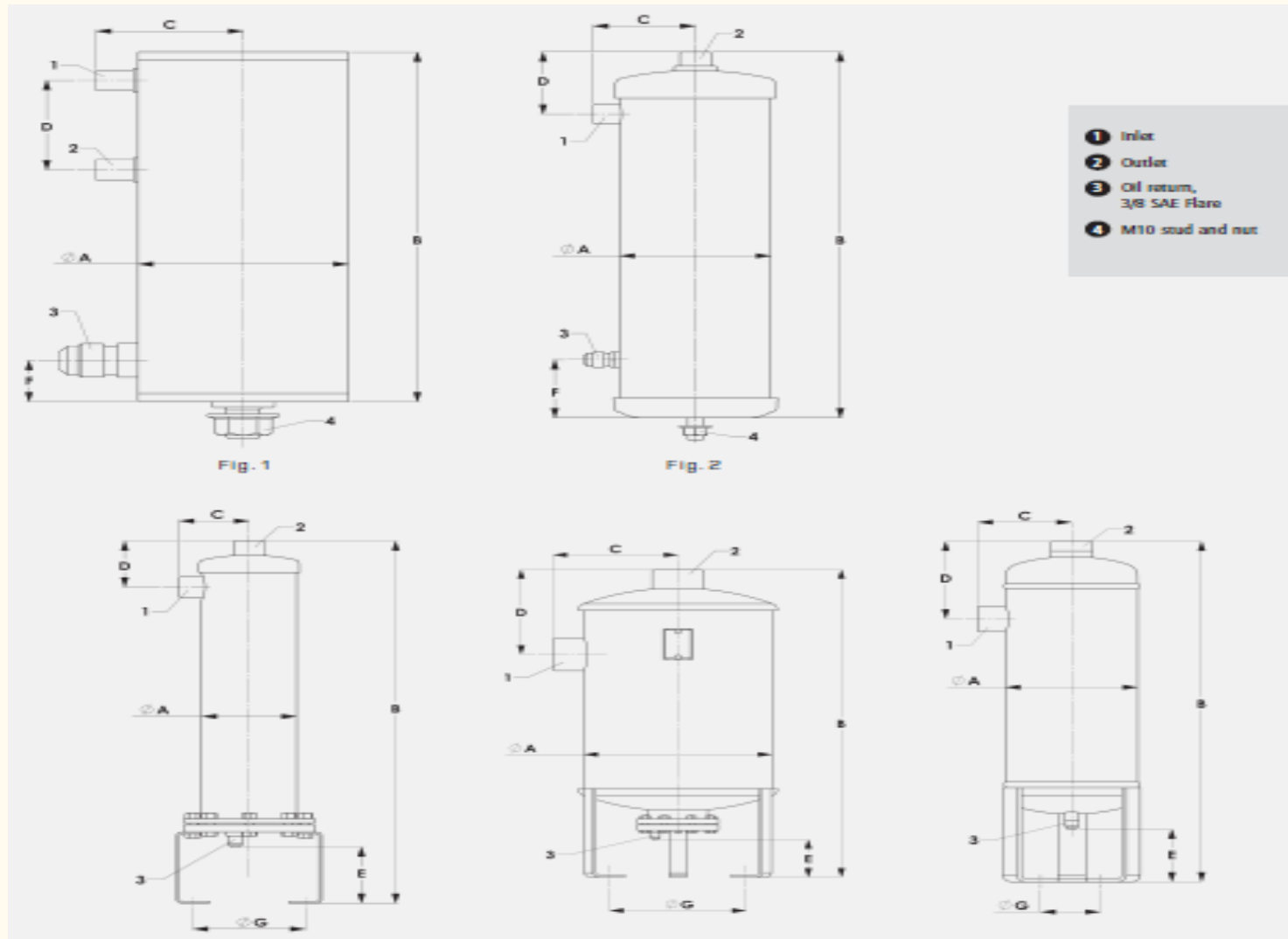


Helical Oil Separators

STANDARD RANGE													
Part No	Conn Size (inch)	Dimensions (mm)							Mounting details	Drawing reference	Weight (kg)	Pre-charge qty (l)	CE Cat
		Ø A	B	C	D	E	F	Ø G					
S-5180	1/4 ODS	64	166	45	43	N/A	19.5	N/A	M10	fig.1	1.5	0.1	SEP
S-5181	3/8 ODS	64	195	45	71	N/A	19.5	N/A	M10	fig.1	1.5	0.1	SEP
S-5182-CE	1/2 ODS	102	333	69	64	N/A	58.5	N/A	M10	fig.2	4	0.4	Cat I
S-5185-CE	5/8 ODS	102	384	69	66	N/A	58.5	N/A	M10	fig.2	4	0.4	Cat I
S-5187-CE	7/8 ODS	102	434	74	76	N/A	58.5	N/A	M10	fig.2	4	0.4	Cat I
S-5188-CE	1 1/8 ODS	102	483	75	78	N/A	58.5	N/A	M10	fig.2	4	0.4	Cat I
S-5190-CE	1 3/8 ODS	152	384	108	91	N/A	60.5	N/A	M10	fig.2	9	1.1	Cat I
S-5192-CE	1 5/8 ODS	152	428	108	98	N/A	60.5	N/A	M10	fig.2	9	1.1	Cat I
S-5194-CE	2 1/8 ODS	152	436	114	105	N/A	60.5	N/A	M10	fig.2	9	1.1	Cat I
S-5285-CE	5/8 ODS	102	516	69	66	95	N/A	120.7	2 x Ø11mm holes	fig.3	7	0.7	Cat I
S-5287-CE	7/8 ODS	102	563	74	76	95	N/A	120.7	2 x Ø11mm holes	fig.3	7	0.7	Cat I
S-5288-CE	1 1/8 ODS	102	614	75	78	95	N/A	120.7	2 x Ø11mm holes	fig.3	7	0.7	Cat I
SN-5290-CE	1 3/8 ODS	152	508	108	91	99	N/A	113	2 x Ø14mm slots	fig.3	12.5	0.7	Cat I (see note 1)
SN-5292-CE	1 5/8 ODS	152	559	108	98	99	N/A	113	2 x Ø14mm slots	fig.3	13	0.7	Cat I (see note 1)
SN-5294-CE	2 1/8 ODS	152	559	114	105	99	N/A	113	2 x Ø14mm slots	fig.3	13	0.7	Cat I (see note 1)
S-5411-CE	1 5/8 ODS	219	650	148	164	100	N/A	166	3 x Ø14mm slots	fig.4	26	0.7	Cat II
S-5412-CE	2 1/8 ODS	219	650	148	164	100	N/A	166	3 x Ø14mm slots	fig.4	26	0.7	Cat II
S-5413-CE	2 5/8 ODS	273	758	183	201	125	N/A	223	3 x Ø14mm slots	fig.4	40	0.7	Cat II
S-5414-CE	3 1/8 ODS	324	831	215	229	100	N/A	273	3 x Ø14mm slots	fig.4	56	0.7	Cat IV

Notes:-
1. For use with ammonia, the CE Category increases to II

Helical Oil Separators



Pressure Relief Valves

The function of a Pressure Relief Valve is to protect against overpressure. For safety reasons, excessive over-pressure in any part of the refrigeration system must be avoided

- Once a PRV has discharged, replacement is recommended, as the set pressure can no longer be guaranteed. Refer to Installation Section for further information.
- It is recommended to have a relief valve pressure setting at least 25% higher than the maximum system operating pressure. The PRV set pressure should not be higher than the design pressure (MWP) of the vessel.

Main Features:

- Proven safe design
- Precision machined parts for reliability
- Compact
- Seal material with high chemical resistance
- Tamper proof
- Non-standard pressure settings available on request
- Category IV PED compliant
- High flow capacity
- Non-stick teflon valve seal
- Blow-out proof seal design
- Test Certificates available on request



Pressure Relief Valves

Straight-through Relief Valves - Brass								
Part No	Conn Size (inch)		Dimensions (mm)		Flow Area (mm ²)	K _{dr}	Weight (kg)	CE Cat
	Inlet	Outlet	A	ØB				
5230A-xx.x BAR-CE	1/4 NPTF	1/2 SAE Flare	85	6.35	31.67	0.68	0.18	Cat IV
5231A-xx.x BAR-CE	3/8 NPTF	1/2 SAE Flare	85	6.35	31.67	0.68	0.19	Cat IV
5231B-xx.x BAR-CE	1/2 NPTF	5/8 SAE Flare	91	6.35	31.67	0.68	0.22	Cat IV
5232A-xx.x BAR-CE	1/2 NPTF	3/4 SAE Flare	109	9.5	71.26	0.67	0.44	Cat IV
5240-xx.x BAR-CE	1/2 NPTF	3/4 NPTF (female)	95	9.5	71.26	0.67	0.41	Cat IV
5242-xx.x BAR-CE	3/4 NPTF	3/4 NPTF (female)	95	9.5	71.26	0.67	0.45	Cat IV
5244-xx.x BAR-CE	1 NPTF	1 NPTF (female)	106	12.7	126.68	0.68	0.66	Cat IV
5246-xx.x BAR-CE	1 1/4 NPTF	1 1/4 NPTF (female)	145	17.9	250.41	0.60	1.48	Cat IV

Standard settings are (barg): 10.3, 13.8, 14.0, 16.2, 17.2, 20.7, 24.1, 24.8, 25.0, 25.9, 27.6, 29.3 and 31.0

Liquid Level Switch

Technical Specification:

- Allowable operating pressure: 0 to 46 barg*
- Allowable operating temperature: -40o C to +99o C
- Mounting: Horizontal only
- Supply voltage: Refer to table
- Switch inductive rating: 36VA pilot duty rated
- Contact life: Over 1 million cycles at rated
- electrical load Power for operation: 3.5mA AC, 5.5mA DC
- Minimum load: 2mA
- Resistive rating: Refer to table
- Contacts, power off: Normally Open (NO)
- Contacts, power on: Refer to table (liquid present)
- Customer interface: Refer to table
- Protection class: IP 65 DIN models only

*Higher pressures of up to 130 barg available on request.



** Part No	Voltage	Resistive rating	Contacts - power on & liquid present	Customer interface	Wire colour codes	Drawing reference	Dimensions			Replacement Module/kit number	Weight (kg)	CE Cat
							A (mounting thread)	B across flats (mm)	C (mm)			
S-9400	120V 50/60 HZ	0.5 A	closed	flying leads	Yellow & White	fig.1	1/2" NPT	28.6	192	2-044-012	0.22	SEP
S-9420	208/240V 50/60 HZ	0.25A	closed	flying leads	Red & White	fig.1	1/2" NPT	31.8	192	A4416	0.22	SEP
S-9420A	208/240V 50/60 HZ	0.25A	open	flying leads	Red & White/Stripe	fig.1	1/2" NPT	31.8	192	A4415	0.22	SEP
S-9424	24V AC/DC	0.5A	closed	flying leads	Orange & White	fig.1	1/2" NPT	31.8	192	A4414	0.22	SEP
S-9424A	24V AC/DC	0.5A	open	flying leads	Orange & White/Stripe	fig.1	1/2" NPT	31.8	192	2-044-020	0.22	SEP

**A 1" NPT connection is available for the S-9400 series by ordering with a "-1" suffix (i.e. S-9424-1)
Note: load is to be wired between black and coloured leads.

Mechanical Oil Level Regulators

The function of a Mechanical Oil Level Regulator is to control the oil level in the compressor crankcase. This protects the compressor from damage.

Main Features:

- Proven needle valve design
- Stainless steel ball float
- Special mounting flange - allows direct fitting to standard compressors
- Premium quality neoprene seals
- Seal adaptor kit supplied with each model
- Visual indication of oil level via large sight glass

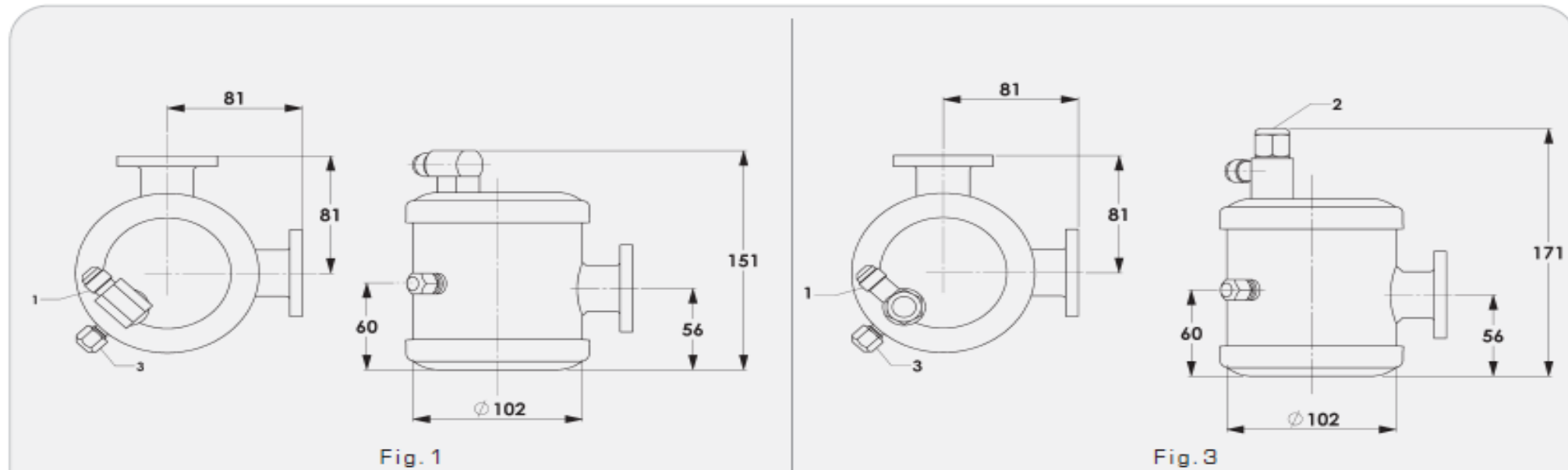
Technical Specification:

- For all models, excluding SN model:-
Allowable operating pressure = 0 to 31 barg
Allowable operating temperature = 0oC to +130o C
- For SN model:-
Allowable operating pressure = 0 to 45 barg
Allowable operating temperature = -10oC to +110o C



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-9530B	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	40	2.30		SEP

* As per S-9530 but Bitzer green



Suction Accumulators

The primary function of a Suction Line Accumulator is to prevent a sudden surge of liquid refrigerant, or oil, from returning down the suction line and into a compressor. The suction line accumulator is a temporary reservoir for liquid refrigerant and oil.

Main Features:

- Prevents liquid slugging
- Controlled liquid return
- Large flow capacity
- Low pressure drop
- Screen protected orifice on vertical models
- Heat exchanger and Heat pump options

Technical Specification:

- S-76 series:- MWP = 20.8 barg @ +80o C
- S-704, S-705, S-706, S-772 & S-773 series:- MWP = 31 barg @ +80o C
- S-7741 & S-7742 series:- MWP = 27.6 barg @ +80oC



Suction Accumulators

Part No			Conn Size (inch)	Dimensions (mm)					Mounting details	HE Coil Conn Size (inch)	Drawing Reference	Weight (kg)	CE Cat
				A	B	C	D	E (Ø)					
S-7043	-	-	5/8 ODS	102	168	48	N/A	N/A	M10 stud & nut	N/A	fig.1	2	SEP
S-7044	-	S-7044-HP	1/2 ODS	102	264	48	N/A	N/A	M10 stud & nut	N/A	fig.1	2.5	SEP
S-7045	-	S-7045HP	5/8 ODS	102	264	48	N/A	N/A	M10 stud & nut	N/A	fig.1	2.5	SEP
-	S-7045HE	-	5/8 ODS	102	264	64	64	N/A	M10 stud & nut	3/8 ODS	fig.1	2.5	SEP
S-7046	-	S-7046HP	3/4 ODS	102	270	48	N/A	N/A	M10 stud & nut	N/A	fig.1	2.5	SEP
-	S-7046HE	-	3/4 ODS	102	270	64	64	N/A	M10 stud & nut	3/8 ODS	fig.1	2.5	SEP
S-7057-CE	S-7057HE-CE	S-7057HP-CE	7/8 ODS	152	252	57	70	N/A	M10 stud & nut	1/2 ODS	fig.1	6, 7 (HE)	Cat I
S-7061-CE	S-7061HE-CE	S-7061HP-CE	1 1/8 ODS	152	382	76	73	N/A	M10 stud & nut	5/8 ODS	fig.1	8, 9 (HE)	Cat I
S-7063-CE	S-7063HE-CE	S-7063HP-CE	1 3/8 ODS	152	629	76	73	N/A	M10 stud & nut	5/8 ODS	fig.1	11.5, 13.5 (HE)	Cat II
S-7065-CE	S-7065HE-CE	S-7065HP-CE	1 5/8 ODS	152	639	76	73	N/A	M10 stud & nut	3/4 ODS	fig.1	11.5, 13.5 (HE)	Cat II
S-7721-CE	-	-	2 1/8 ODS	219	588	89	140	282	3 Ø14mm x 22mm slots	N/A	fig.2	23	Cat II
-	S-7721HE-CE	-	2 1/8 ODS	219	588	89	140	282	3 Ø14mm x 22mm slots	7/8 ODS	fig.3	27	Cat II
S-7722-CE	-	-	2 1/8 ODS	219	588	89	140	282	3 Ø14mm x 22mm slots	N/A	fig.2	23	Cat II
-	S-7722HE-CE	-	2 1/8 ODS	219	588	89	140	282	3 Ø14mm x 22mm slots	7/8 ODS	fig.3	27	Cat II
S-7725-CE	-	-	2 5/8 ODS	273	578	118	140	337.4	3 Ø14mm x 22mm slots	N/A	fig.2	33.5	Cat II
-	S-7725HE-CE	-	2 5/8 ODS	273	578	118	140	337.4	3 Ø14mm x 22mm slots	1 3/8 ODS	fig.3	39.5	Cat II
S-7726-CE	-	-	2 5/8 ODS	273	578	118	140	337.4	3 Ø14mm x 22mm slots	N/A	fig.2	33.5	Cat II
-	S-7726HE-CE	-	2 5/8 ODS	273	578	118	140	337.4	3 Ø14mm x 22mm slots	1 3/8 ODS	fig.3	39.5	Cat II
S-7731-CE	-	-	3 1/8 ODS	324	635	140	149	388.4	3 Ø14mm x 22mm slots	N/A	fig.2	47	Cat IV
-	S-7731HE-CE	-	3 1/8 ODS	324	635	140	149	388.4	3 Ø14mm x 22mm slots	1 3/8 ODS	fig.3	52	Cat IV
S-7732-CE	-	-	3 1/8 ODS	324	635	140	149	388.4	3 Ø14mm x 22mm slots	N/A	fig.2	47	Cat IV
-	S-7732HE-CE	-	3 1/8 ODS	324	635	140	149	388.4	3 Ø14mm x 22mm slots	1 3/8 ODS	fig.3	52	Cat IV
S-7741-CE	S-7741HE-CE	-	4 1/8 ODS	406	902	279	368	470	3 Ø14mm x 22mm slots	2 5/8 ODS	fig.4	102	Cat III
S-7742-CE*	-	-	4 1/8 ODS	508	1130	330	N/A	457	4 x Ø16.3mm holes on square base	N/A	fig.4*	130	Cat IV

Suction Accumulators

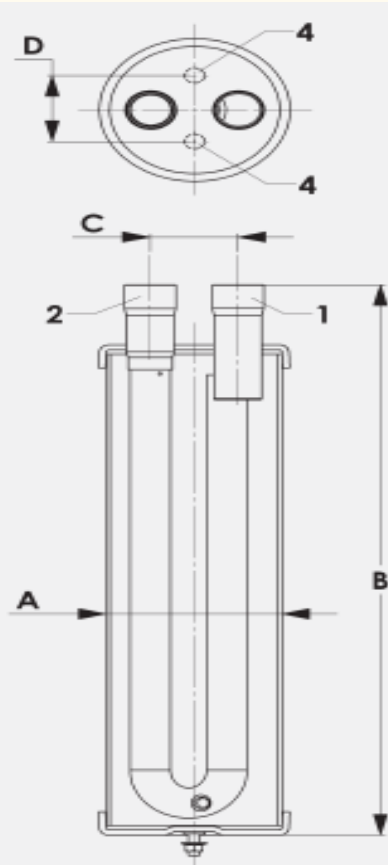


Fig. 1

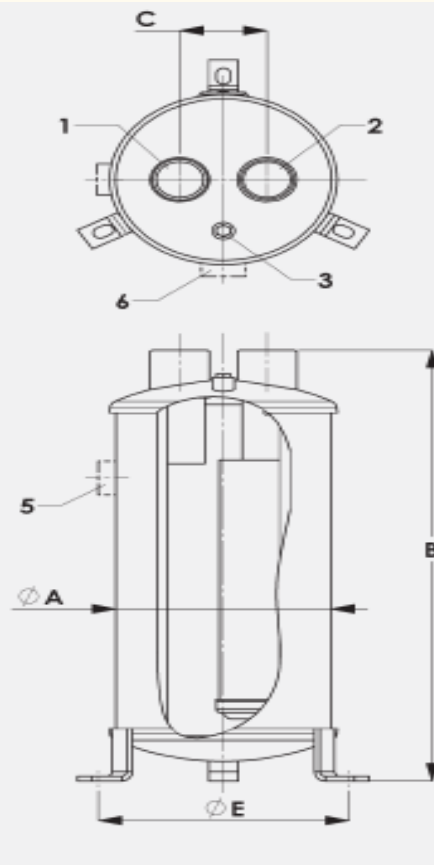


Fig. 2

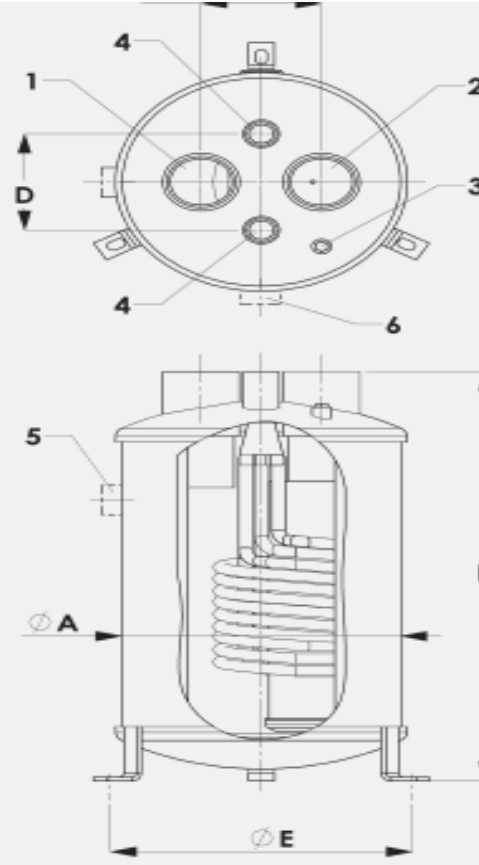


Fig. 3

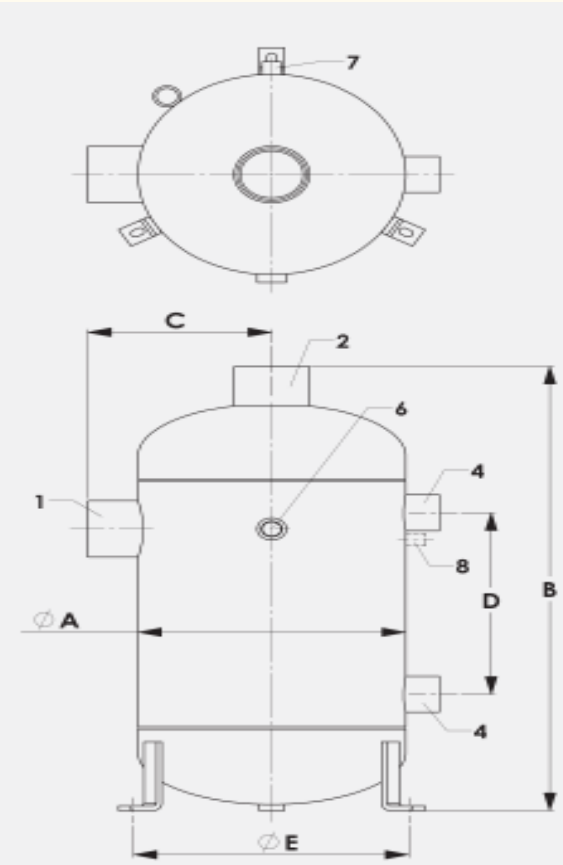


Fig. 4

- 1 Inlet
- 2 Outlet

- 3 Relief connection, 1/4 FPT
- 4 Heat Exchanger coil connection (HE models only)

- 5 Liquid level switch connection, 1 FPT. (Refer to note 1)
- 6 Liquid level switch connection, 1 FPT. (Refer to note 2)

- 7 Relief connection, 1/2 FPT. (Refer to note 3)
- 8 Relief connection, 1/2 FPT. (Refer to note 4)

Sight Glass

Main Features:

- Three sight glass lens options- Reflex, Clear and Clear with float ball
- Fused glass hermetic seal

Technical Specification:

SG-10 & SG-11 series:- Allowable operating temperature = -15oC to +120oC

SG-12 series:- Allowable operating temperature = -15oC to +120oC



Part No			Thread Size (NPT)	Dimensions (mm)			MWP (barg)	Weight (kg)	CE Cat
Clear	Reflex	*Clear W/Ball		A Hex	B	ØC			
SG-1004	SG-1104	SG-1204	1/2	23.9	24.3	14.3	68.9	0.03	SEP
SG-1006	SG-1106	SG-1206	3/4	28.4	26.9	19.1	68.9	0.06	SEP
SG-1008	SG-1108	SG-1208	1	35.1	33.6	23.8	68.9	0.12	SEP
SG-1010-CE	SG-1110-CE	SG-1210	1 1/4	44.5	35	30.2	34.5**	0.20	SEP (Cat II)#
SG-1012-CE	SG-1112-CE	SG-1212-CE	1 1/2	50.8	35.9	33.4	34.5**	0.29	Cat I (Cat II) #
SG-1016-CE	SG-1116-CE	SG-1216-CE	2	63.5	36.1	41.4	34.5**	0.46	Cat I (Cat II) #

Magni Check Valve

Main Features:

- Maximum flow and minimum pressure drop
- Can be installed in any orientation
- Cost effective
- 30 mesh strainer – extends valve service life
- Optimised seat material with a neoprene-coated valve plate
- Suitable for a wide range of applications

Technical Specification:

Allowable operating temperature = -40°C to + 120°C
Allowable operating pressure = Minimum 0 barg,
Maximum as per table below



Part No	Model No	Conn Size (inch)	Dimensions (mm)		Kv (m ³ /hr)	MOPD (Bar)	MWP (Barg)	Weight (kg)	CE Cat
			A	B					
F6306	MS-4	1/4	102	22	0.47	20.7	55.2	0.10	SEP
F6307	MS-6	3/8	102	22	0.99	20.7	55.2	0.10	SEP
F6308	MS-8	1/2	127	29	2.67	20.7	48.3	0.17	SEP
F6309	MS-10	5/8	127	29	2.98	20.7	48.3	0.17	SEP
F6310	MS-12	3/4	178	41	5.56	17.2	48.3	0.43	SEP
F6311	MS-14	7/8	178	41	7.58	17.2	48.3	0.42	SEP
F6312	MS-18	1 1/8	213	54	13.19	13.8	48.3	0.75	SEP
F6313	MS-22	1 3/8	240	67	16.26	13.8	48.3	1.27	Cat I
F6314	MS-26	1 5/8	267	80	27.78	13.8	48.3	1.80	Cat I
F6315	MS-34	2 1/8	305	92	48.27	13.8	48.3	1.80	Cat I
F6316	MS-42	2 5/8	330	105	64.76	6.9	44.8	3.70	Cat I
F6085	MS-50	3 1/8	330	105	64.76	6.9	44.8	3.70	Cat I

Oil Filter / Filter Driers

Technical Specification:

- S-4004 model**

Allowable operating pressure = 0 to 31 barg

Allowable operating temperature = -10oC to +100o C

Filter surface area = 3065 cm²

Filter particle retention = 10 micron

- S-4005 model**

Allowable operating pressure = 0 to 31 barg

Allowable operating temperature = -10oC to +100o C

Filter surface area = 3000 cm²

Filter particle retention = 6 micron

Drier = 131cm³ of XH9 desiccant

- SH-4005 model**

Same as S-4005, except

Allowable OP= 0 to 45 barg



Part No	Conn Size (inch)		Dimensions (mm)		Weight (kg)	MWP (barg)	CE Cat
	Inlet	Outlet	A	Ø B			
S-4004	3/8 SAE Flare	3/8 SAE Flare	188	102	1.93	31	SEP

Part No	Conn Size (inch)		Dimensions (mm)		Weight (kg)	MWP (barg)	CE Cat
	Inlet	Outlet	A	Ø B			
S-4005	3/8 SAE Flare	3/8 SAE Flare	251	76	1.55	31	SEP
SH-4005	3/8 SAE Flare	3/8 SAE Flare	251	76	1.55	45	SEP

Oil Strainers

The function of an oil strainer is to remove system debris from the refrigerant oil. Their purpose is to protect compressors and oil level regulators from damage.

Technical Specification:

S-91 Series

Allowable operating temperature = -10°C to +120°C

Allowable operating pressure = 0 to 34.5 barg

Screen = 100 mesh, 71cm² filter area.

SH-91 Series

Allowable operating temperature = 0°C to +100°C

Allowable operating pressure = 0 to 45 barg

Screen = 200 mesh, 91cm² filter area.



Part No	Conn Size (inch)		Dimensions (mm)		Screen Data		Weight (kg)	CE Cat
	Inlet	Outlet	A	Ø B	Area (mm ²)	Mesh		
S-9105	3/8 SAE Flare	3/8 SAE Flare	129	51	7095	100	0.37	SEP
S-9105X	3/8 ODS	3/8 ODS	103	51	7095	100	0.33	SEP
SH-9105	3/8 SAE Flare	3/8 SAE Flare	153	66	9100	200	0.37	SEP
SH-9105X	3/8 ODS	3/8 ODS	146	66	9100	200	0.32	SEP

Thank you