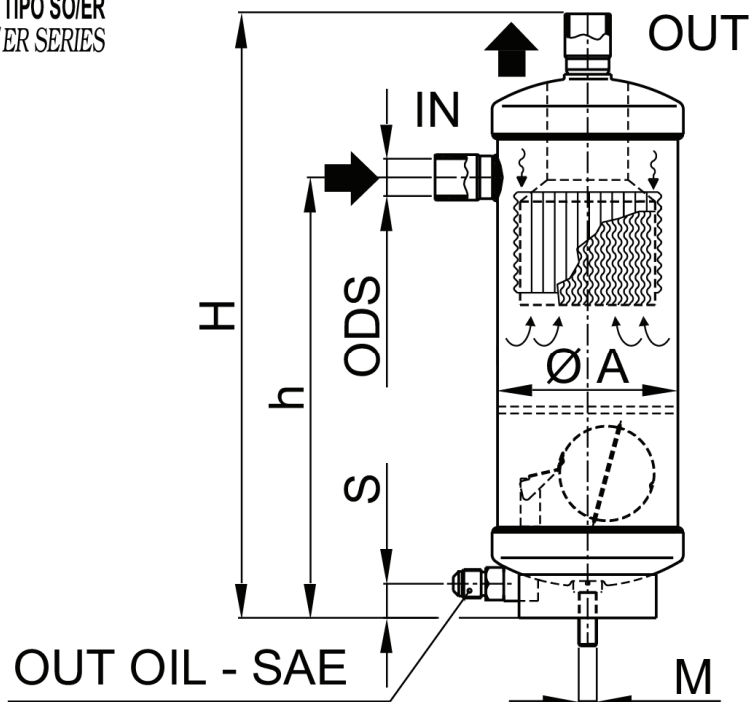


SEPARATORI D'OLIO / OIL SEPARATORS

SEPARATORE D'OLIO AD ALTISSIMA EFFICIENZA SERIE ERMETICA TIPO SO/ER
HERMETIC STANDARD HIGH EFFICIENCY OIL SEPARATOR SO/ER SERIES



CALCULATION IN
 ACC.TO
 FLUID GROUP 2

TABELLA A/TABLE A: DATI TECNICI, TECHNICAL DATA - SERIE: PS = 33 bar

TIPO - MOD. CATALOG NUMBER	CAT. PED	VOL. (lt.)	NOTA 1) NOTE 1) IN / OUT ODS (mm)	Ø A (mm)	H (mm)	h (mm)	S (mm)	M (mm)	OUT OIL SAE	CARICARE OLIO PRECHARGE (Lt.)
SO/ER-33 (12-100)	Art.4§3	1.45	12	101.6	275	195	20	10	1/4"	0.30
SO/ER-33 (16/5/8"-100)	I	1.75	16 (5/8")	101.6	320	235	20	10	1/4"	0.30
SO/ER-33 (18-100)	I	1.75	18	101.6	321	235	20	10	1/4"	0.30
SO/ER-33 (22-100)	I	1.80	22	101.6	335	240	20	10	1/4"	0.30
SO/ER-33 (28-100)	I	2.05	28	101.6	370	270	20	10	1/4"	0.30
SO/ER-33 (35/1-3/8"-100)	I	2.05	35 (1-3/8")	101.6	374	270	20	10	1/4"	0.30
SO/ER-33 (35/1-3/8"-150)	I	4.85	35 (1-3/8")	150	385	260	25	12	3/8"	0.85
SO/ER-33 (42-150)	I	5.70	42	150	440	300	25	12	3/8"	0.85
SO/ER-33 (54/2-1/8"-150)	I	6.40	54 (2-1/8")	150	480	340	25	12	3/8"	0.85

NOTA 1): A RICHIESTA E' DISPONIBILE TUTTA LA SERIE CON ATTACCHI IN INCHES

NOTE 1): ALL SERIES WITH INCHES ODS CONNECTIONS IS AVAILABLE UPON REQUEST

TABELLA B/TABLE B: DATI TECNICI, TECHNICAL DATA - SERIE: PS = 45 bar

PER / FOR R410A

TIPO - MOD. CATALOG NUMBER	CAT. PED	VOL. (lt.)	NOTA 1) NOTE 1) IN / OUT ODS (mm)	Ø A (mm)	H (mm)	h (mm)	S (mm)	M (mm)	OUT OIL SAE	CARICARE OLIO PRECHARGE (Lt.)
SO/ER-45 (12-100)	I	1.45	12	101.6	275	195	20	10	1/4"	0.30
SO/ER-45 (16/5/8"-100)	I	1.75	16 (5/8")	101.6	320	235	20	10	1/4"	0.30
SO/ER-45 (18-100)	I	1.75	18	101.6	321	235	20	10	1/4"	0.30
SO/ER-45 (22-100)	I	1.80	22	101.6	335	240	20	10	1/4"	0.30
SO/ER-45 (28-100)	I	2.05	28	101.6	370	270	20	10	1/4"	0.30
SO/ER-45 (35/1-3/8"-100)	I	2.05	35 (1-3/8")	101.6	374	270	20	10	1/4"	0.30
SO/ER-45 (35/1-3/8"-150)	II	4.85	35 (1-3/8")	150	385	260	25	12	3/8"	0.85
SO/ER-45 (42-150)	II	5.70	42	150	440	300	25	12	3/8"	0.85
SO/ER-45 (54/2-1/8"-150)	II	6.40	54 (2-1/8")	150	480	340	25	12	3/8"	0.85

SEPARATORI D'OLIO / OIL SEPARATORS

POTENZA FRIGORIFERA MASSIMA ESPRESSA IN KW
MAX COOLING POWER EXPRESSED IN KW

TIPO - MOD. CATALOG NUMBER	TEMPERATURE DI EVAPORAZIONE /EVAPORATION TEMPERATURES														
	R134a			R404A			R507			R407C			R410A		
	-20 °C	-10 °C	+5 °C	-40 °C	-10 °C	+5 °C	-40 °C	-10 °C	+5 °C	-40 °C	-10 °C	+5 °C	-40 °C	-10 °C	+5 °C
SO/ER-33 (12-100) SO/ER-45 (12-100)	11	13	14	11	13	14	9	11	12	12	14	15	15	16	17
SO/ER-33 (16/5/8"/100) SO/ER-45 (16/5/8"/100)	30	32	34	31	36	39	26	31	33	35	40	41	42	46	48
SO/ER-33 (18-100) SO/ER-45 (18-100)	36	38	40	37	43	46	31	37	40	41	47	49	50	55	57
SO/ER-33 (22-100) SO/ER-45 (22-100)	39	41	43	40	46	49	33	40	43	45	50	53	55	60	62
SO/ER-33 (28-100) SO/ER-45 (28-100)	47	49	52	48	57	60	40	49	52	55	62	64	67	73	76
SO/ER-33 (35/1-3/8"/100) SO/ER-45 (35/1-3/8"/100)	57	60	64	59	69	73	49	59	64	66	75	78	81	89	92
SO/ER-33 (35/1-3/8"/150) SO/ER-45 (35/1-3/8"/150)	79	83	88	82	96	102	67	80	87	92	104	108	112	123	128
SO/ER-33 (42-150) SO/ER-45 (42-150)	105	110	117	108	127	135	88	107	115	122	138	144	149	164	169
SO/ER-33 (54/2-1/8"/150) SO/ER-45 (54/2-1/8"/150)	139	145	155	143	167	178	116	140	151	161	181	189	196	215	223

NOTA: Le potenze frigorifere riportate in tabella sono calcolate con temperatura di condensazione di 40 °C e con una temperatura del gas di ritorno al compressore di 20 °C.

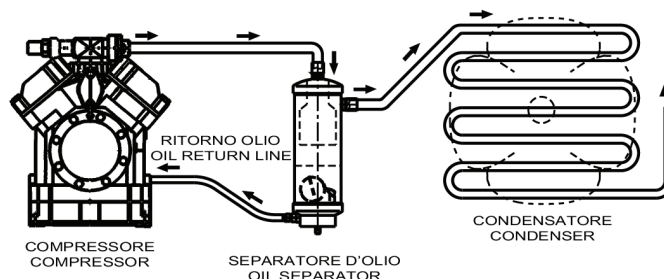
NOTE: The cooling power values reported on the above table sheet are calculated with a condensation temperature of 40 °C and a temperature of the gas returning to the compressor of 20 °C.

DATI TECNICI, TECHNICAL DATA

Temperatura TS - °C Temperature TS - °C	Min. -10 Max. +140	Min. -50 Max. +140	Pressione di collaudo PT Test pressure PT
Pressione max. consentita PS-bar Max permissible pressure PS-bar	33	24	PT-bar: 47.19 (33x1.43)
Temperatura TS - °C Temperature TS - °C	Min. -10 Max. +120	Min. -50 Max. +140	Pressione di collaudo PT Test pressure PT
Pressione max. consentita PS-bar Max permissible pressure PS-bar	45	33	PT-bar: 64.35 (45x1.43)

Refrigerants: HCFC-HFC-HFO-HC ,CO₂ and other ones with low GWP

SCHEMA PER IL
POSIZIONAMENTO
DEL SEPARATORE D'OLIO



DRAWING FOR
THE POSITIONING
OF THE OIL SEPARATOR