

SEPARATORI D'OLIO / OIL SEPARATORS

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

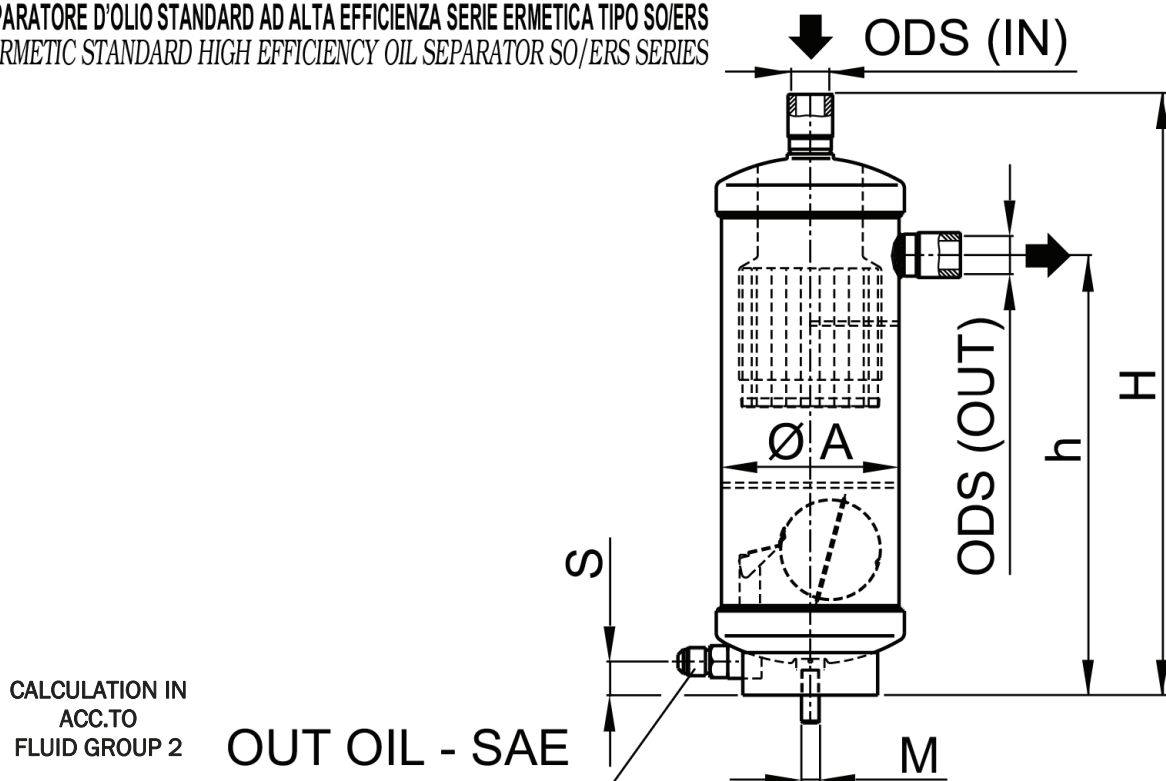


TABELLA A/TABLE A: DATI TECNICI, TECHNICAL DATA - SERIE: PS = 33 bar

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	CARICA OLIO PRCHARGE (Lt.)
SO/ERS-33 (12-100)	Art.4§3	1.50	12	101.6	289	209	20	10	1/4"	0.30
SO/ERS-33 (16/5/8"/100)	I	1.80	16 (5/8")	101.6	329	245	20	10	1/4"	0.30
SO/ERS-33 (18-100)	I	1.80	18	101.6	330	245	20	10	1/4"	0.30
SO/ERS-33 (22-100)	I	1.80	22	101.6	340	245	20	10	1/4"	0.30
SO/ERS-33 (28-100)	I	2.20	28	101.6	392	295	20	10	1/4"	0.30
SO/ERS-33 (35/1-3/8"/100)	I	2.20	35 (1-3/8")	101.6	396	292	20	10	1/4"	0.30
SO/ERS-33 (35/1-3/8"/150)	I	4.90	35 (1-3/8")	150	397	272	25	12	3/8"	0.85
SO/ERS-33 (42-150)	I	5.70	42	150	430	290	25	12	3/8"	0.85
SO/ERS-33 (54/2-1/8"/150)	I	6.00	54 (2-1/8")	150	469	329	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	CARICA OLIO PRCHARGE (Lt.)
SO/ERS-45 (12-100)	I	1.50	12	101.6	289	209	20	10	1/4"	0.30
SO/ERS-45 (16/5/8"/100)	I	1.80	16 (5/8")	101.6	329	245	20	10	1/4"	0.30
SO/ERS-45 (18-100)	I	1.80	18	101.6	330	245	20	10	1/4"	0.30
SO/ERS-45 (22-100)	I	1.80	22	101.6	340	245	20	10	1/4"	0.30
SO/ERS-45 (28-100)	I	2.20	28	101.6	392	295	20	10	1/4"	0.30
SO/ERS-45 (35/1-3/8"/100)	I	2.20	35 (1-3/8")	101.6	396	292	20	10	1/4"	0.30
SO/ERS-45 (35/1-3/8"/150)	II	4.90	35 (1-3/8")	150	397	272	25	12	3/8"	0.85
SO/ERS-45 (42-150)	II	5.70	42	150	430	290	25	12	3/8"	0.85
SO/ERS-45 (54/2-1/8"/150)	II	6.00	54 (2-1/8")	150	469	329	25	12	3/8"	0.85

SEPARATORI D'OLIO / OIL SEPARATORS

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

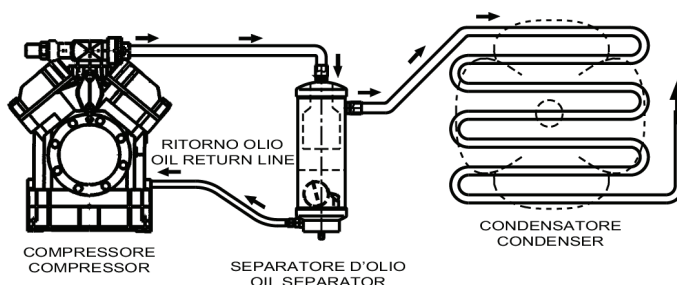
TIPO - MOD. CATALOG NUMBER	TEMPERATURE DI EVAPORAZIONE /EVAPORATION TEMPERATURES														
	R134a			R404A			R507			R407C			R410A		
	-20 °C	-10 °C	+5 °C	-40 °C	-10 °C	+5 °C	-40 °C	-10 °C	+5 °C	-40 °C	-10 °C	+5 °C	-40 °C	-10 °C	+5 °C
SO/ERS-33 (12-100) SO/ERS-45 (12-100)	7	7.5	8.0	7.5	8.5	9.0	6.0	7.5	8.0	8.5	9.5	10	10	11	11.5
SO/ERS-33 (16/5/8"/100) SO/ERS-45 (16/5/8"/100)	20	21	22	21	24	26	17	21	22	24	27	29	29	31.5	33
SO/ERS-33 (18-100) SO/ERS-45 (18-100)	24	25	26	24	29	30	20	24	26	29	32	34	33	37	38
SO/ERS-33 (22-100) SO/ERS-45 (22-100)	26	27	29	27	32	34	22	27	29	32	36	38	37	41	42
SO/ERS-33 (28-100) SO/ERS-45 (28-100)	32	33	35	36	38	41	27	33	35	38	43	45	45	49	51
SO/ERS-33 (35/1-3/8"/100) SO/ERS-45 (35/1-3/8"/100)	38	40	42	39	46	49	32	39	42	46	51	54	54	59	61
SO/ERS-33 (35/1-3/8"/150) SO/ERS-45 (35/1-3/8"/150)	45	48	51	47	55	59	38	46	50	53	60	62	65	71	73
SO/ERS-33 (42-150) SO/ERS-45 (42-150)	59	62	66	61	72	76	50	60	65	69	78	81	84	92	96
SO/ERS-33 (54/2-1/8"/150) SO/ERS-45 (54/2-1/8"/150)	91	96	102	94	110	118	77	93	100	106	120	124	130	142	147

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 ,CO ₂ and other ones with low GWP			

SCHEMA PER IL POSIZIONAMENTO DEL SEPARATORE D'OLIO



DRAWING FOR THE POSITIONING OF THE OIL SEPARATOR