

### SEPARATORI D'OLIO / OIL SEPARATORS

SEPARATORE D'OLIO AD ALTISSIMA EFFICIENZA SERIE ISPEZIONABILE TIPO SO/IS  
 REMOVABLE VERY HIGH EFFICIENCY OIL SEPARATOR SO/IS SERIES

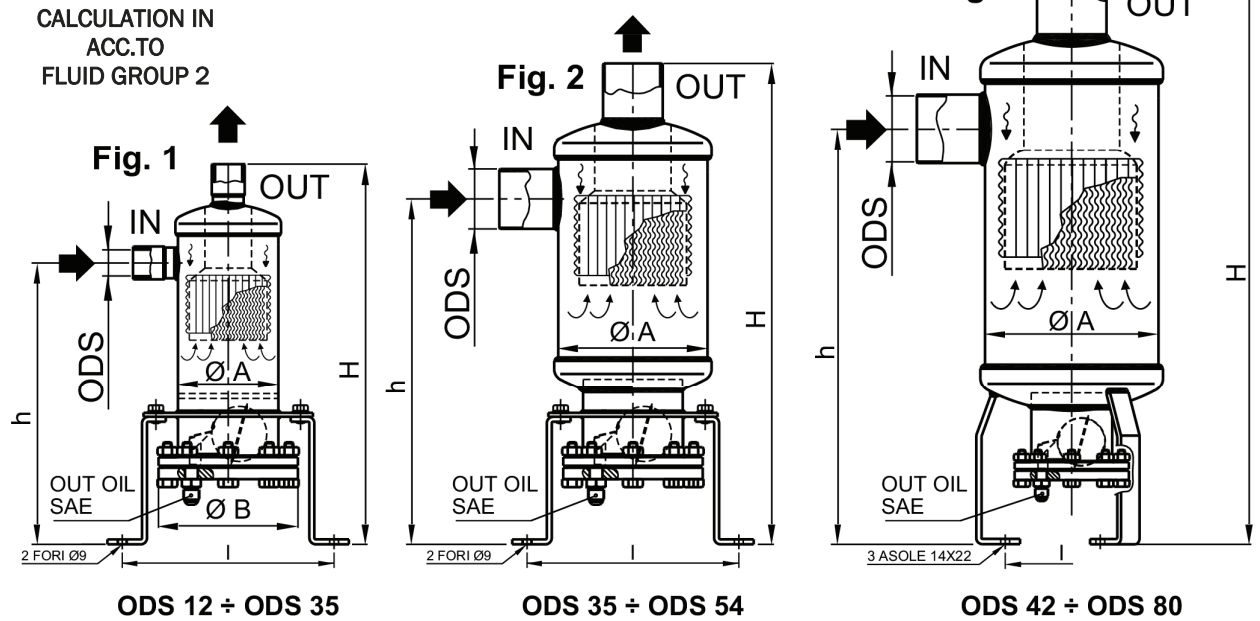


TABELLA A/TABLE A: DATI TECNICI, TECHNICAL DATA - SERIE: PS = 33 bar

TIPO - MOD. CATALOG NUMBER	FIG.	CAT. PED	VOL. (lt.)	NOTA 1) NOTE 1) IN / OUT ODS (mm)	Ø A (mm)	H (mm)	h (mm)	l (mm)	Ø B (mm)	OUT OIL SAE	CARICARE OLIO PRECHARGE (Lt.)
SO/IS-33 (12-100)	1	Art.4§3	1.45	12	101.6	395	315	200	140	1/4"	0.30
SO/IS-33 (16/5/8"/100)	1	I	1.75	16 (5/8")	101.6	440	355	200	140	1/4"	0.30
SO/IS-33 (18-100)	1	I	1.75	18	101.6	441	355	200	140	1/4"	0.30
SO/IS-33 (22-100)	1	I	1.80	22	101.6	455	360	200	140	1/4"	0.30
SO/IS-33 (28-100)	1	I	2.05	28	101.6	490	390	200	140	1/4"	0.30
SO/IS-33 (35/1-3/8"/100)	1	I	2.05	35 (1-3/8")	101.6	494	390	200	140	1/4"	0.30
SO/IS-33 (35/1-3/8"/150)	2	I	4.15	35 (1-3/8")	150	506	381	200	-	3/8"	0.40
SO/IS-33 (42-150)	2	I	5.00	42	150	565	425	200	-	3/8"	0.40
SO/IS-33 (54/2-1/8"/150)	2	I	5.70	54 (2-1/8")	150	604	464	200	-	3/8"	0.40
SO/IS-33 (42-219)	3	II	10.7	42	219.1	593	440	160	-	3/8"	0.40
SO/IS-33 (54/2-1/8"/219)	3	II	11.6	54 (2-1/8")	219.1	619	462	160	-	3/8"	0.40
SO/IS-33 (64-273)	3	II	22.0	64	273	718	539	220	-	3/8"	0.40
SO/IS-33 (67/2-5/8"/273)	3	II	22.0	67 (2-5/8")	273	726	539	220	-	3/8"	0.40
SO/IS-33 (80/3-1/8"/273)	3	II	22.0	80 (3-1/8")	273	766	569	220	-	3/8"	0.40

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	FIG.	CAT. PED	VOL. (lt.)	NOTA 1) NOTE 1) IN / OUT ODS (mm)	Ø A (mm)	H (mm)	h (mm)	l (mm)	Ø B (mm)	OUT OIL SAE	CARICARE OLIO PRECHARGE (Lt.)
SO/IS-45 (12-100)	1	I	1.45	12	101.6	395	315	200	140	1/4"	0.30
SO/IS-45 (16/5/8"/100)	1	I	1.75	16 (5/8")	101.6	440	355	200	140	1/4"	0.30
SO/IS-45 (18-100)	1	I	1.75	18	101.6	441	355	200	140	1/4"	0.30
SO/IS-45 (22-100)	1	I	1.80	22	101.6	455	360	200	140	1/4"	0.30
SO/IS-45 (28-100)	1	I	2.05	28	101.6	490	390	200	140	1/4"	0.30
SO/IS-45 (35/1-3/8"/100)	1	I	2.05	35 (1-3/8")	101.6	494	390	200	140	1/4"	0.30
SO/IS-45 (35/1-3/8"/150)	2	I	4.15	35 (1-3/8")	150	506	381	200	-	3/8"	0.40
SO/IS-45 (42-150)	2	II	5.00	42	150	565	425	200	-	3/8"	0.40
SO/IS-45 (54/2-1/8"/150)	2	II	5.70	54 (2-1/8")	150	604	464	200	-	3/8"	0.40
SO/IS-45 (42-219)	3	II	10.7	42	219.1	593	440	160	-	3/8"	0.40
SO/IS-45 (54/2-1/8"/219)	3	II	11.6	54 (2-1/8")	219.1	619	462	160	-	3/8"	0.40
SO/IS-45 (64-273)	3	II	22.0	64	273	718	539	220	-	3/8"	0.40
SO/IS-45 (67/2-5/8"/273)	3	II	22.0	67 (2-5/8")	273	726	539	220	-	3/8"	0.40

SEPARATORI D'OLIO / OIL SEPARATORS

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

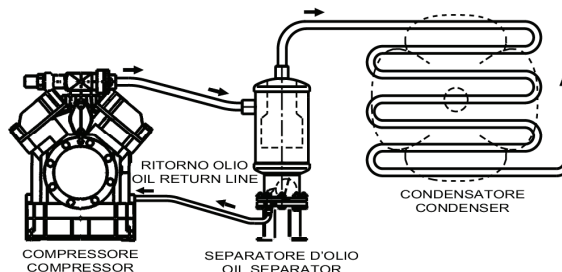
TIPO - MOD. CATALOG NUMBER	TEMPERATURE DI EVAPORAZIONE /EVAPORATION TEMPERATURES														
	R134a			R404A			R507			R407C			R410A		
	-20 °C	-10 °C	+5 °C	-40 °C	-10 °C	+5 °C	-40 °C	-10 °C	+5 °C	-40 °C	-10 °C	+5 °C	-40 °C	-10 °C	+5 °C
SO/IS-33 (12100) - SO/IS-45 (12-100)	11	13	14	11	13	14	9	11	12	12	14	15	15	16	17
SO/IS-33 (16/5/8"/100) - SO/IS-45 (16/5/8"/100)	30	32	34	31	36	39	26	31	33	35	40	41	42	46	48
SO/IS-33 (18100) - SO/IS-45 (18-100)	36	38	40	37	43	46	31	37	40	41	47	49	50	55	57
SO/IS-33 (22100) - SO/IS-45 (22-100)	39	41	43	40	46	49	33	40	43	45	50	53	55	60	62
SO/IS-33 (28100) - SO/IS-45 (28-100)	47	49	52	48	57	60	40	49	52	55	62	64	67	73	76
SO/IS-33 (35/1-3/8"/100) - SO/IS-45 (35/1-3/8"/100)	57	60	64	59	69	73	49	59	64	66	75	78	81	89	92
SO/IS-33 (35/1-3/8"/150) - SO/IS-45 (35/1-3/8"/150)	79	83	88	82	96	102	67	80	87	92	104	108	112	123	128
SO/IS-33 (42150) - SO/IS-45 (42-150)	105	110	117	108	127	135	88	107	115	122	138	144	149	164	169
SO/IS-33 (54/2-1/8"/150) - SO/IS-45 (54/2-1/8"/150)	139	145	155	143	167	178	116	140	151	161	181	189	196	215	223
SO/IS-33 (42219) - SO/IS-45 (42-219)	165	172	183	170	198	211	138	166	180	190	215	225	233	255	264
SO/IS-33 (54/2-1/8"/219) - SO/IS-45 (54/2-1/8"/219)	191	200	213	197	230	246	160	194	209	222	250	261	271	297	308
SO/IS-33 (64273) - SO/IS-45 (64-273)	256	268	286	264	309	330	215	260	280	297	336	350	362	398	412
SO/IS-33 (67/2-5/8"/273) - SO/IS-45 (67/2-5/8"/273)	269	282	300	277	325	346	226	273	295	312	353	368	382	418	433
SO/IS-33 (80/3-1/8"/273)	328	344	366	338	396	422	275	333	359	381	430	448	/	/	/

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 <sub>2</sub> and other ones with low GWP			

SCHEMA PER IL  
POSIZIONAMENTO  
DEL SEPARATORE D'OLIO



DRAWING FOR  
THE POSITIONING  
OF THE OIL SEPARATOR