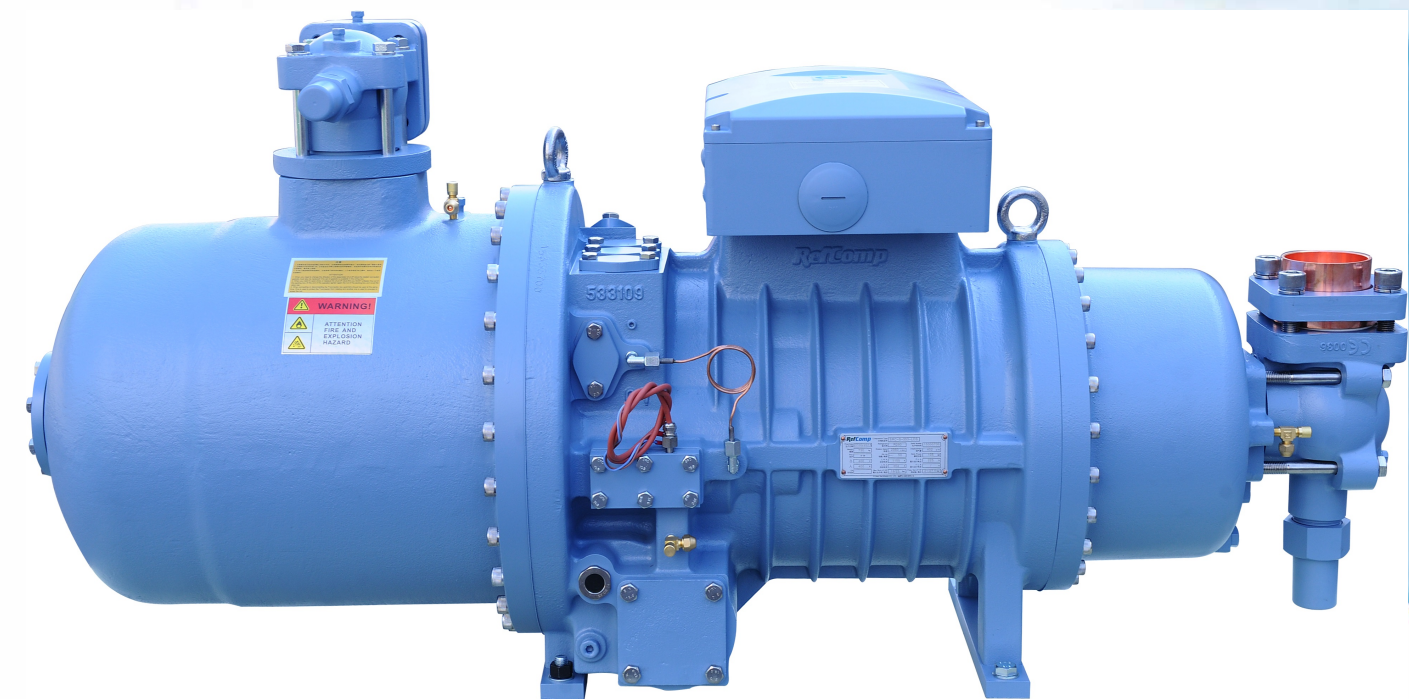


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Fax: +39 444 436295
Email: sales@refcompitaly.com

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MODEL DESIGNATION

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134-S
SRC-S

COMPRESSOR		134	-XS	-040		-M	2	SRC	-XS	-040		-M	2
		134	-S	-300	W	-L	4	SRC	-S	-985	W	-L	4
COMPRESSOR TYPE													
134	Semi-hermetic Refrigerant Compressor optimized for R134a												
SRC	Semi-hermetic Refrigerant Compressor												
SERIES													
XS	Screw compressors XS series												
S	Screw compressors S series												
040	Model size number												
985													
BUILT-IN VOLUMETRIC RATIO Vi													
H	Vi = 3,2 (SRC-S)												
S	Vi = 2,6 (SRC-S) (S Qmitted)												
W	Vi = 2,2 (SRC-S)												
HS	Vi = 3,2 - 2,6 (Variable) (SRC-S-785...985)												
LW	Vi = 2,6 - 2,2 (Variable) (SRC-S-785...985)												
R	Vi = 4,4 (134-S)												
S	Vi = 3,2 (134-S) (S Qmitted)												
L	Vi = 2,6 (134-S)												
W	Vi = 2,2 (134-S)												
SL	Vi = 3,2 - 2,6 (Variable) (134-S-240...300)												
LW	Vi = 2,6 - 2,2 (Variable) (134-S-240...300)												
ELECTRICAL ACCESSORIES													
L	220V AC												
M	110V AC												
Y	24V AC												
U	Electrical accessories UL approved 220 V AC												
V	Electrical accessories UL approved 110 V AC												
CAPACITY CONTROL													
2	3 Steps (134-XS/SRC-XS)												
4	4 Steps (134-S/SRC-S)												
Z	Infinity (134-S/SRC-S)												

RefComp

www.famcocorp.com

E-mail: info@famcocorp.com

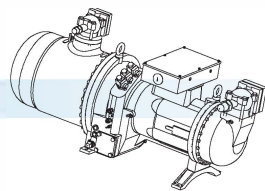
@famco_group

Tel: ۰۲۱- ۴ ۸ ۰ ۰ ۰ ۰ ۴ ۹

Fax : ۰۲۱ - ۴۴۹۹۴۶۴۲

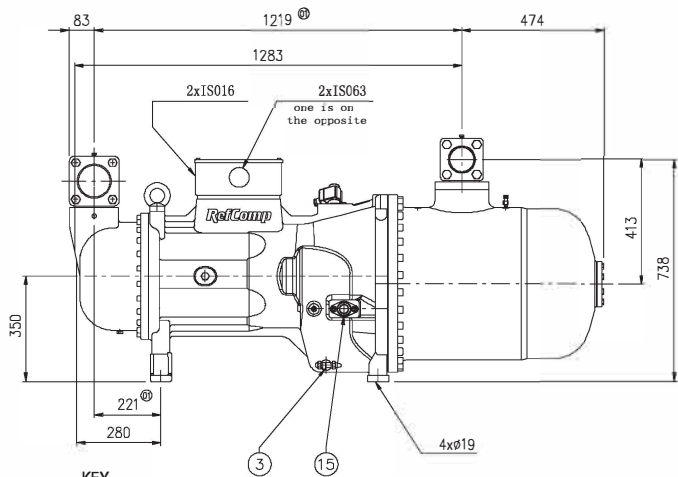
تهران ، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

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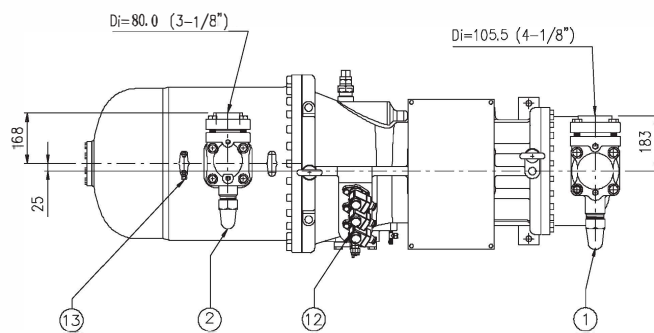
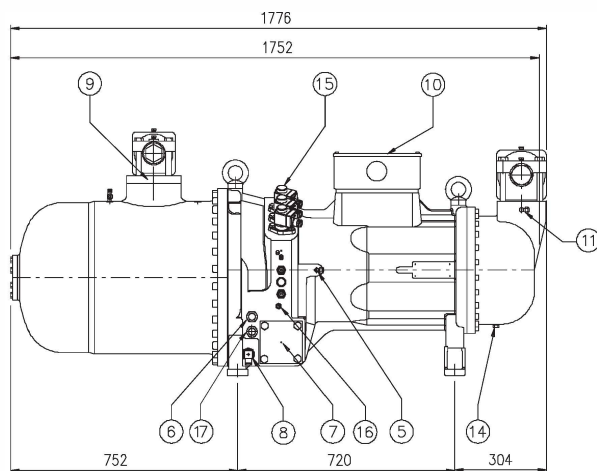
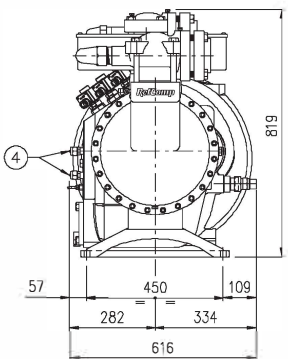
SRC-S-755

30



KEY

1. Suction shut-off valve (optional type W)
2. Exhaust gas shut-off valve
3. Oiling / oil drain valve 3/8" SAE-FLARE
4. Oil cooler connector 5/8" SAE-FLARE
5. Hydraulic fittings 1/4" SAE-FLARE
6. Mirror to inspect the oil level
7. Oil filter
8. Oil heater
9. Check valve
10. Junction box
11. Low pressure connector 1/4" SAE-FLARE
12. Cooling capacity regulating solenoid valve
13. High pressure connector 1/4" SAE-FLARE
14. Low pressure side discharge port 1/4"-18NPT
15. Spray liquid interface $\Phi 10$ /Economic machine interface $\Phi 22$ (optional accessories)
16. Oil temperature sensor 1/8" NPT
17. Oil valve switch (optional)



SRC-S-785_885_985 (sea page 19,20,21)

RefComp

INTRODUCTION

In the air conditioning field, together with compressor reliability and availability, attention toward other factors such as efficiency, noiseless, compactness and the simplicity of installation and maintenance have spread the compact screw compressor technology to all markets.

RefComp double screw compressors dedicated to air conditioning are:

SRC is the name of the series dedicated to the use of refrigerants R22 and non-chlorinated R407C, R404A, R507. The series is divided into two different product families: ultra compact series SRC-XS with 3 models and SRC-S with 18 models.

134 is the name of the series dedicated to the use of R134a. The series is divided into two different product families: ultra compact series 134-XS with 3 models and 134-S with 14 models.



RefComp

134-S Series SRC-S Series

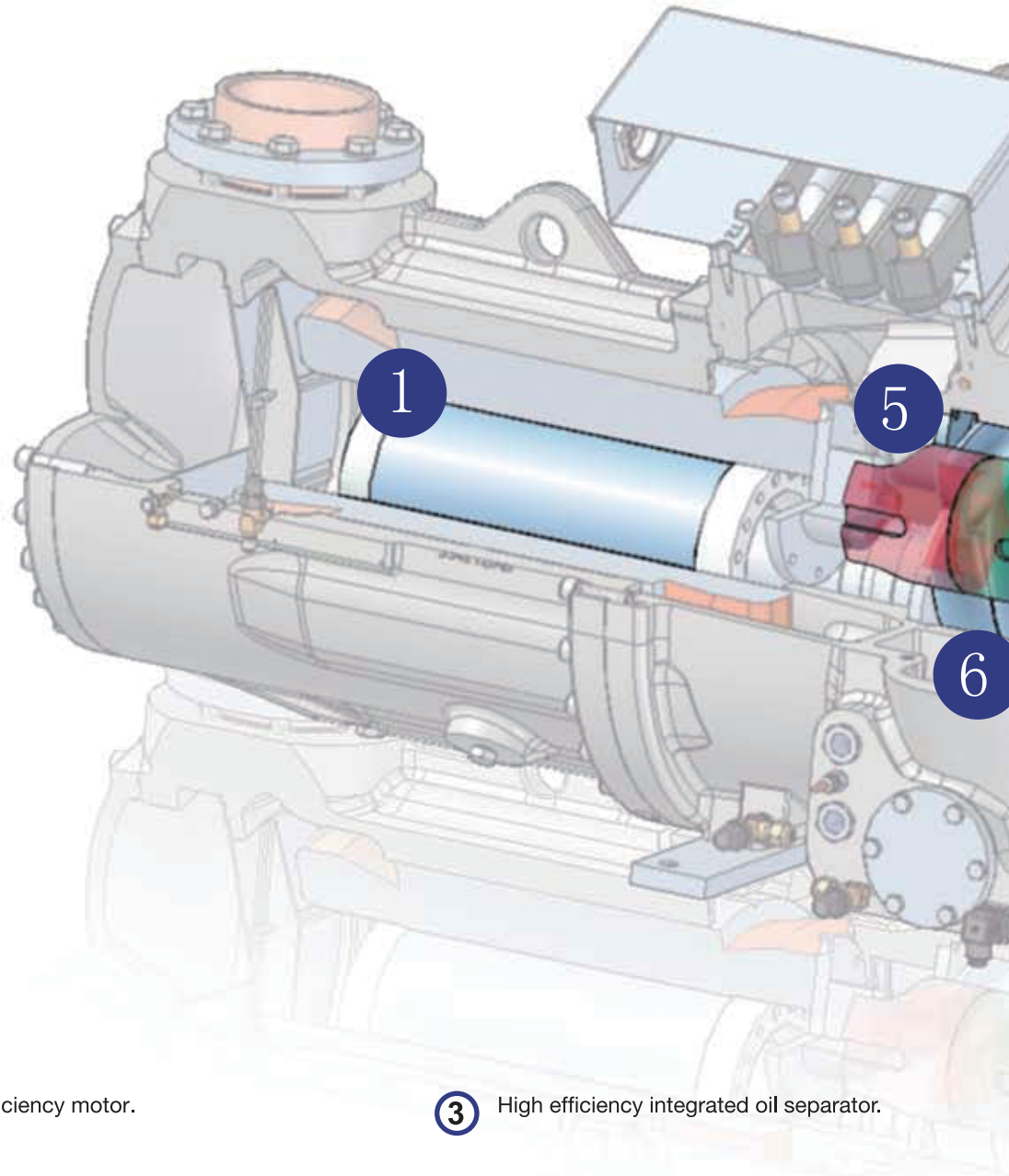
FAMCO

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4

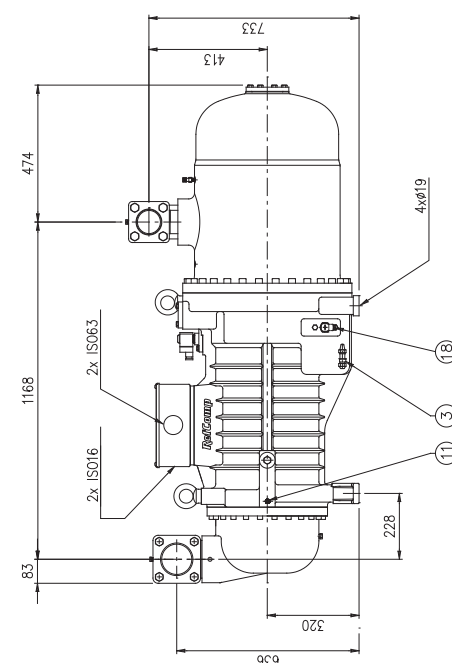
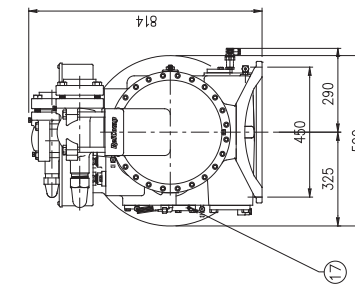
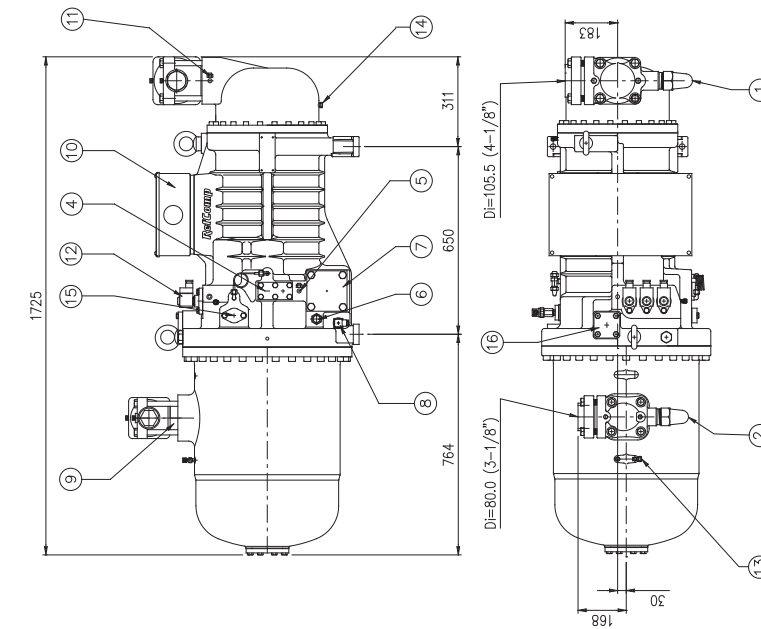
134-S
SRC-S



① High efficiency motor.

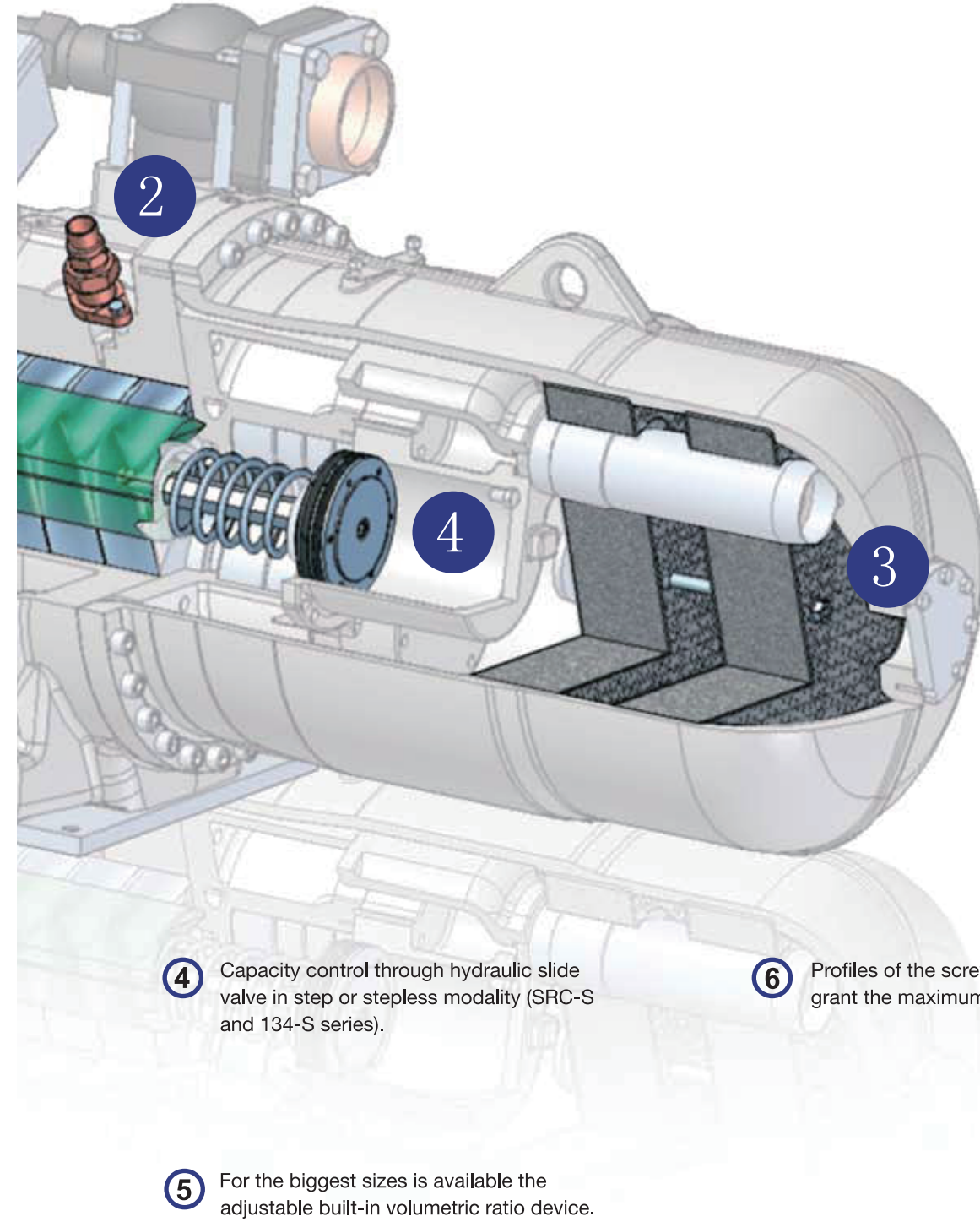
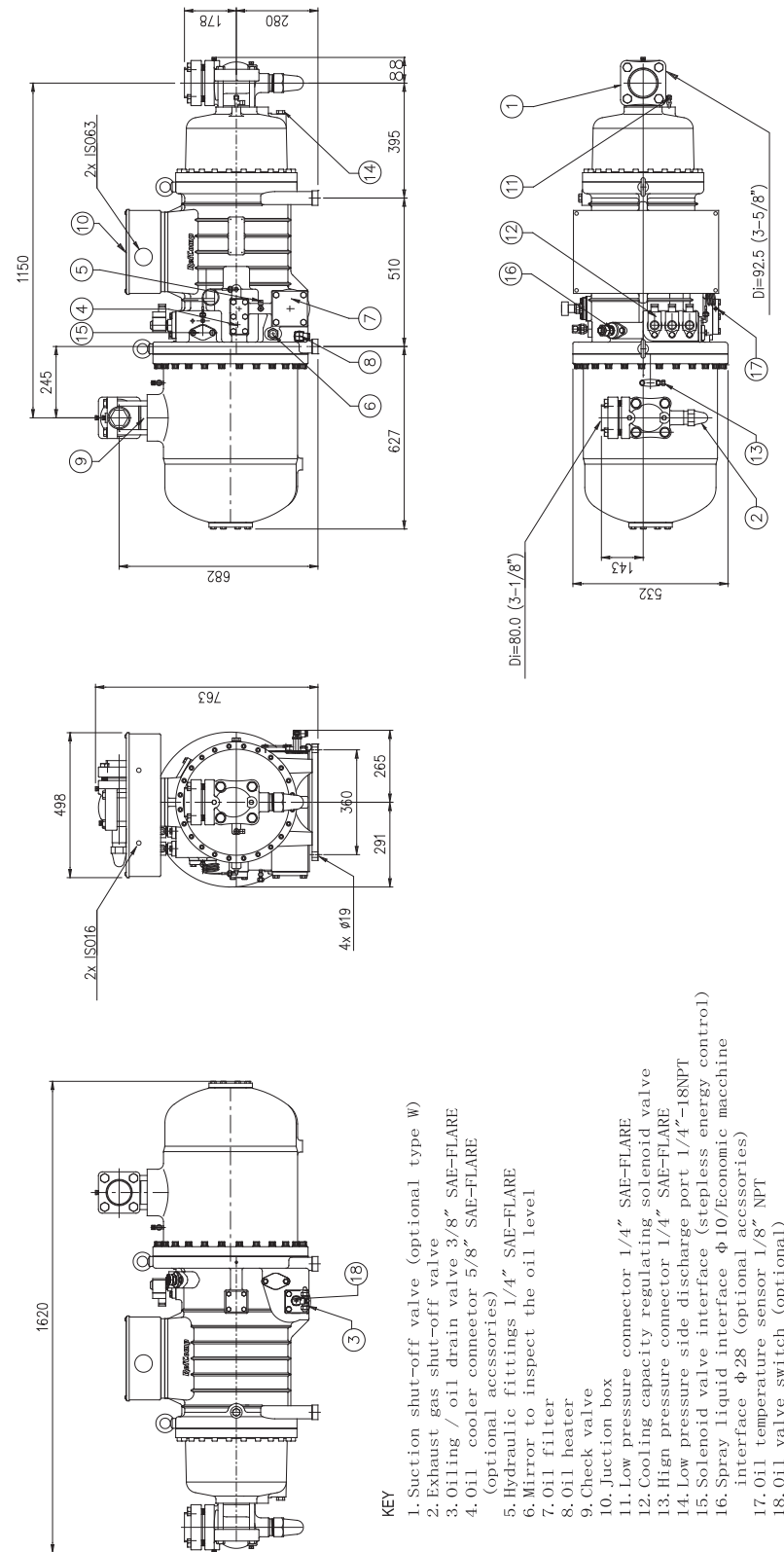
② Intermediate port to the compression area for economizer or liquid injection.

③ High efficiency integrated oil separator.



- KEY
1. Suction shut-off valve (optional type W)
 2. Exhaust gas shut-off valve
 3. Oil ring / oil drain valve 3/8" SAE-FLARE
 4. Oil cooler connector 5/8" SAE-FLARE (optional accessories)
 5. Hydraulic fittings 1/4" SAE-FLARE
 6. Mirror to inspect the oil level
 7. Oil filter
 8. Oil heater
 9. Check valve
 10. Junction box
 11. Low pressure connector 1/4" SAE-FLARE
 12. Cooling capacity regulating solenoid valve
 13. High pressure connector 1/4" SAE-FLARE
 14. Low pressure side discharge port 1/4"-18NPT
 15. Solenoid valve interface (stepless energy control)
 16. Spray liquid interface $\phi 10$ /Economic machine interface $\phi 42$ (optional accessories)
 17. Oil temperature sensor 1/8" NPT
 18. Oil valve switch (optional)

SRC-S-503_553_603



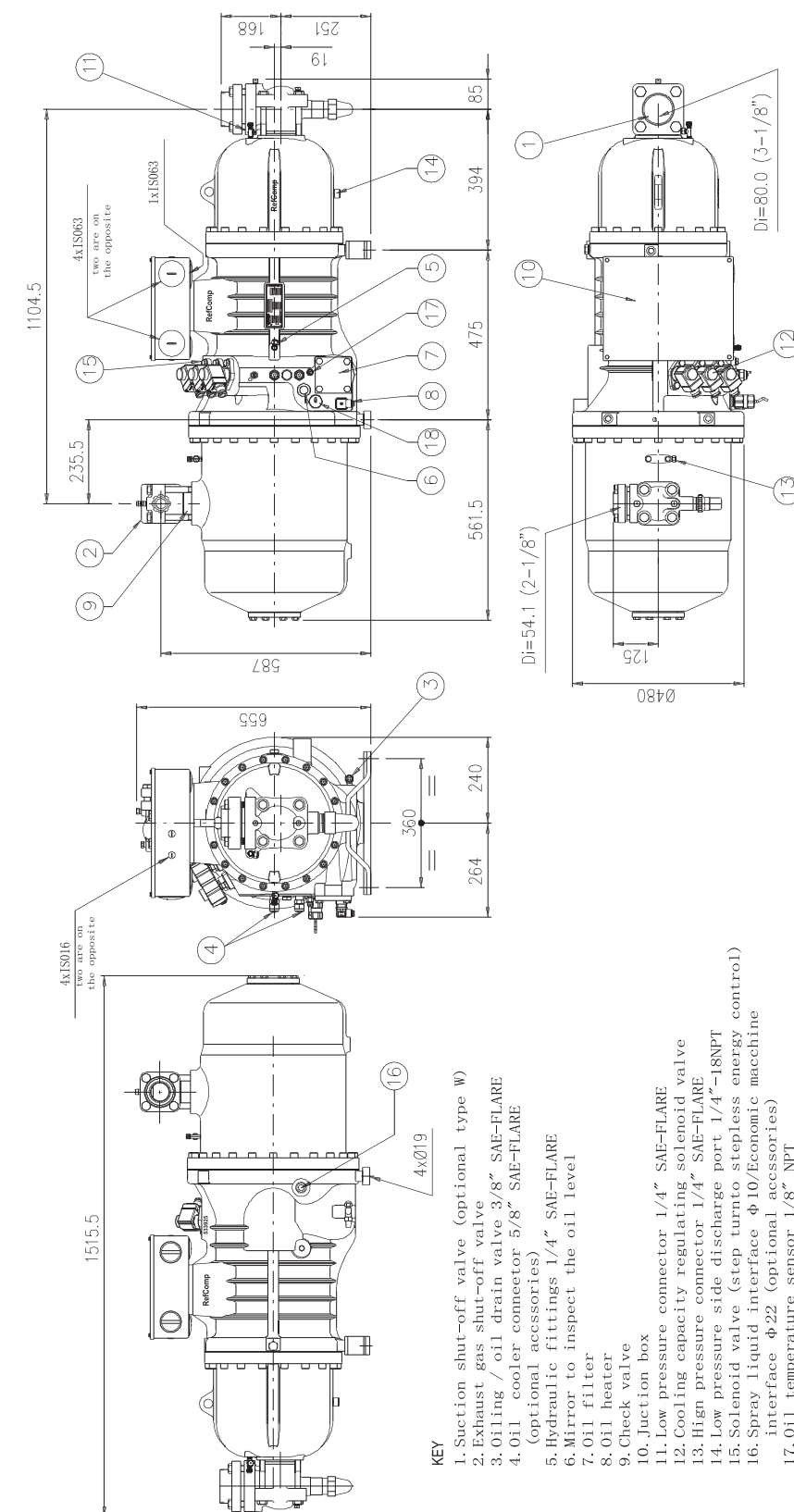
- 4 Capacity control through hydraulic slide valve in step or stepless modality (SRC-S and 134-S series).
- 5 For the biggest sizes is available the adjustable built-in volumetric ratio device.
- 6 Profiles of the screws optimized to grant the maximum efficiency.

SRC-S-353_413_463

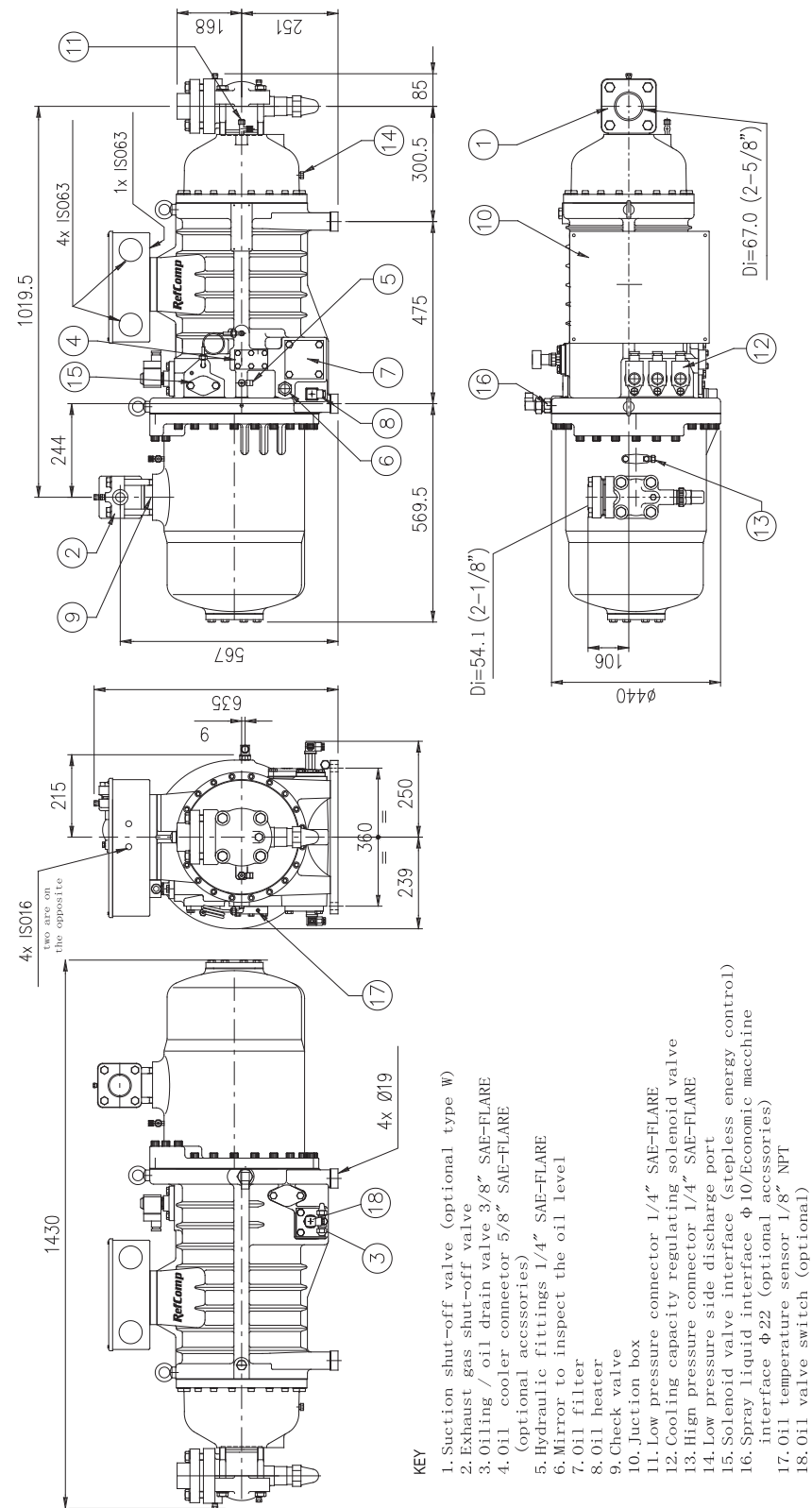
TECHNICAL DATA

MODEL 134-S									071
MODEL 134-XS					040	050	060		
Displacement at 50/60 [Hz]				m³/h	175/210	210/252	250/300	270/324	
Weight				Kg	310	315	320	510	
Oil charge				dm³	7	7	7	11	
Crankcase heater									
Discharge line, internal Ø/Pipe size				mm inches	42.2/ 1- 5/8"	42.2/ 1- 5/8"	42.2/ 1- 5/8"	54.1/ 2- 1/8"	
Suction line, internal Ø/Pipe size				mm inches	54.1/ 2- 1/8"	54.1/ 2- 1/8"	54.1/ 2- 1/8"	80.0/ 3- 1/8"	
Capacity control steps									
Protection devices									
Lubricant									
Standard motor ⁽¹⁾									
Y / Δ	134-S-W	Starting current	LRA Y	A	-	-	-	138	
			LRA Δ	A	-	-	-	422	
		Max running current	FLA	A	-	-	-	107	
	134-S/134-S-L	Starting current	LRA Y	A	139	172	195	159	
			LRA Δ	A	398	406	547	459	
		Max running current	FLA	A	73	83	103	118	
	134-S-R	Starting current	LRA Y	A	-	-	-	-	
			LRA Δ	A	-	-	-	-	
		Max running current	FLA	A	-	-	-	-	

(1) Voltage tolerance ± 10%



SRC-S-255_285_305



081	091	101	110	120	140	160	180	210	220	240	270	300
307/368	344/413	380/456	413/496	480/576	560/672	640/768	720/864	805/966	850/1020	910/1092	1000/1200	1100/1320
518	532	538	660	670	680	930	940	950	980	1330	1350	1390
11	11	11	17	17	17	23	23	23	23	25	25	25
200W-230V-50/60 [Hz]						275W-230V-50/60 [Hz]						
54.1/ 2- 1/8"	54.1/ 2- 1/8"	67.0/ 2- 5/8"	80.0/ 3- 1/8"	80.0/ 3- 1/8"	80.0/ 3- 1/8"	80.0/ 3- 1/8"	80.0/ 3- 1/8"	80.0/ 3- 1/8"	80.0/ 3- 1/8"	105.5/ 4- 1/8"	105.5/ 4- 1/8"	105.5/ 4- 1/8"
80.0/ 3- 1/8"	92.5/ 3- 5/8"	92.5/ 3- 5/8"	105.5/ 4- 1/8"	105.5/ 4- 1/8"	105.5/ 4- 1/8"	105.5/ 4- 1/8"	105.5/ 4- 1/8"	105.5/ 4- 1/8"	105.5/ 4- 1/8"	134.8/Φ133	134.8/Φ133	134.8/Φ133
134-S: Step : 100,75,50%, Minimum . (Stepless : 100%..... Minimum . or 100.....50% on request)												
INT69 RCY												
CPI Solest 170 (Please contact RefComp if you have any special requirements)												
400/3/50 [Hz] - 460/3/60 [Hz]												
159	193	254	224	280	280	354	374	453	543	551	703	791
459	580	770	693	842	842	1064	1155	1333	1645	1667	2109	2390
111	123	131	156	174	199	229	254	266	276	330	367	402
193	254	254	318	361	361	374	453	543	595	703	783	876
580	770	770	953	1095	1095	1155	1333	1645	1802	2109	2348	2627
132	148	156	182	202	228	260	295	310	335	400	435	490
254	254	-	361	403	403	453	543	595	-	783	876	1062
770	770	-	1095	1208	1208	1333	1645	1802	-	2348	2627	3186
142	160	-	203	230	263	299	341	366	-	446	501	569

TECHNICAL DATA

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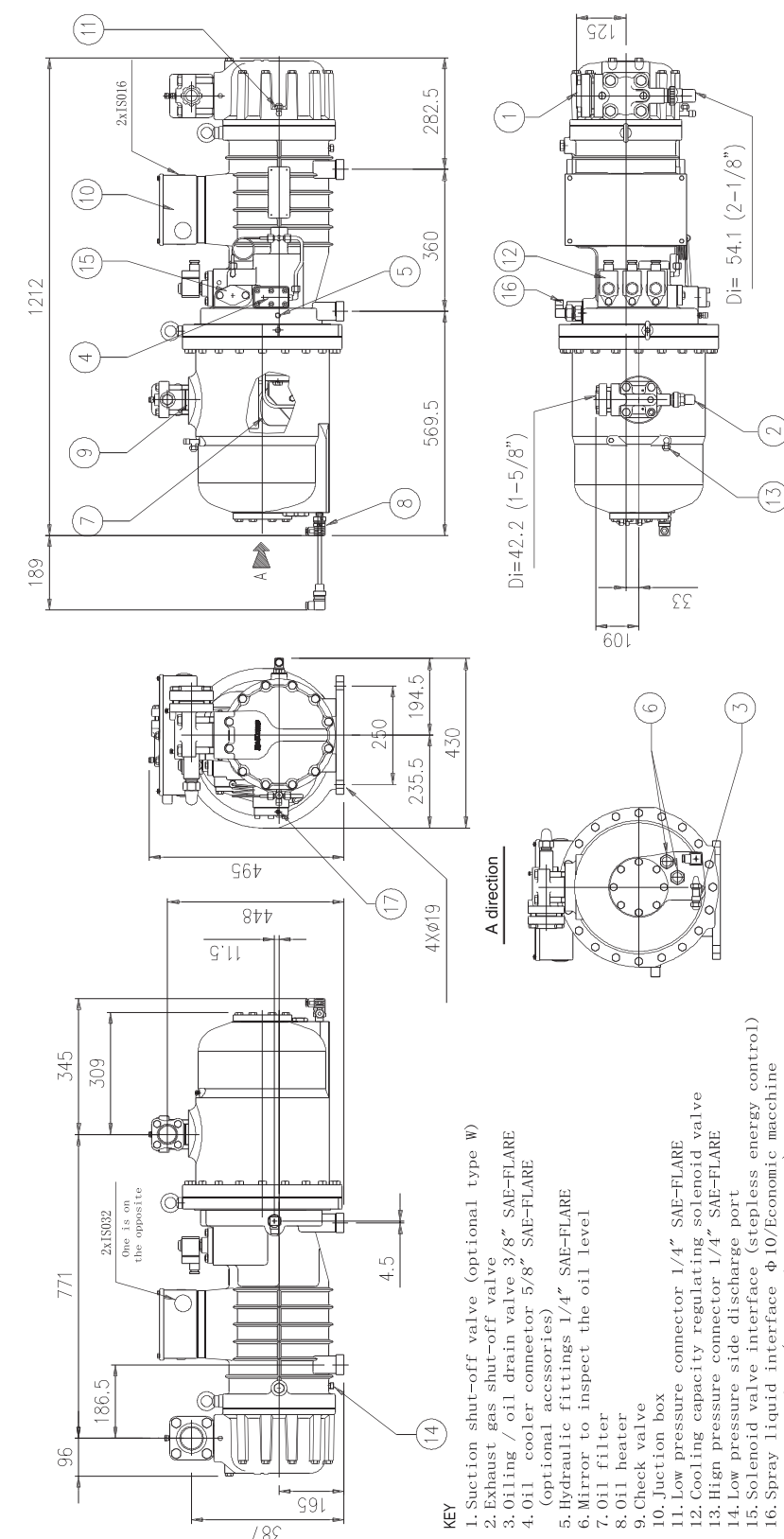
8

134-S
SRC-S

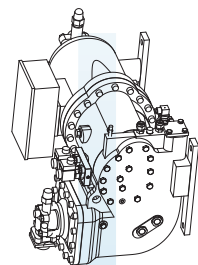
Model SRC-S(W)					113	133	163	183	213
Model SRC-XS					040	050	060		
Displacement at 50/60 [Hz]				[m³/h]	118/ 142	150/ 180	175/ 210	205/ 246	237/ 284
Weight				[Kg] ⁽¹⁾	325 (300)	330 (305)	335 (310)	510	515
Oil charge				[dm³] ⁽¹⁾	6 (6,5)	6 (6,5)	6 (6,5)	7	7
Crankcase heater					200W - 230V - 50/60 [Hz]				
Discharge line, internal Ø/Pipe size				[inches / mm]	42.2/ 1- 5/8"	42.2/ 1- 5/8"	42.2/ 1- 5/8"	54.1/ 2- 1/8"	54.1/ 2- 1/8"
Suction line, internal Ø/Pipe size				[inches / mm]	54.1/ 2- 1/8"	54.1/ 2- 1/8"	54.1/ 2- 1/8"	67.0/ 2- 5/8"	67.0/ 2- 5/8"
Capacity control steps									
Protection devices									
Lubricant									
Standard motor ⁽²⁾									
Y / Δ	SRC-S-W	Starting current	LRA Y	[A]	109	131	134	139	159
			LRA Δ	[A]	331	398	406	422	459
		Max running current	FLA	[A]	70	82	86	105	115
	SRC-S/XS	Starting current	LRA Y	[A]	131	134	182	159	193
			LRA Δ	[A]	398	406	547	459	580
		Max running current	FLA	[A]	80	90	96	124	140

(1) Data referred to XS models

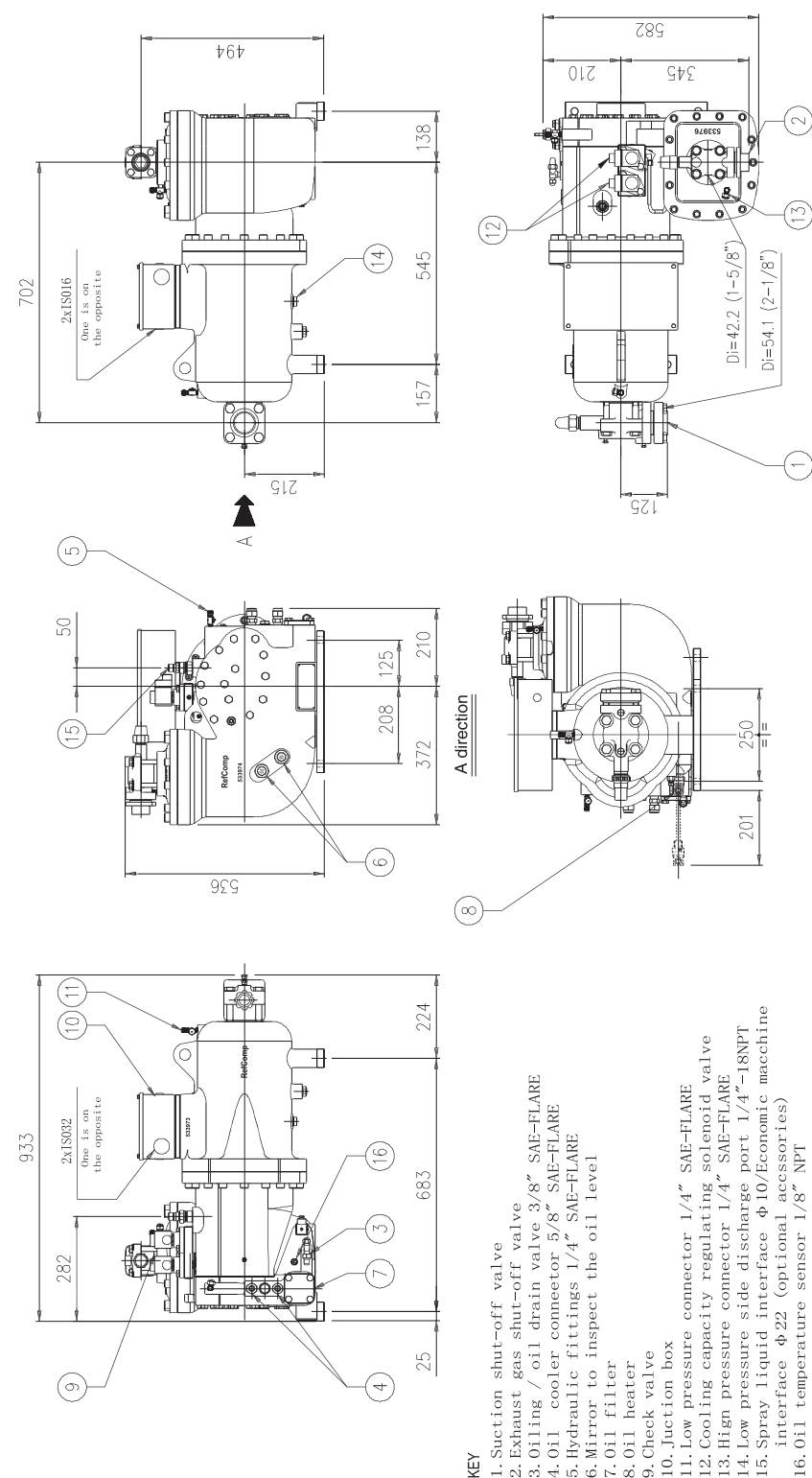
(2) Voltage tolerance ±10%



SRC-S-113_133_163



SRC-XS-040_050_060



- KEY
1. Suction shut-off valve
 2. Exhaust gas shut-off valve
 3. Oiling / oil drain valve 3/8" SAE-FLARE
 4. Oil cooler connector 5/8" SAE-FLARE
 5. Hydraulic fittings 1/4" SAE-FLARE
 6. Mirror to inspect the oil level
 7. Oil filter
 8. Oil heater
 9. Check valve
 10. Junction box
 11. Low pressure connector 1/4" SAE-FLARE
 12. Cooling capacity regulating solenoid valve
 13. High pressure connector 1/4" SAE-FLARE
 14. Low pressure side discharge port 1/4"-18NPT
 15. Spray liquid interface Φ10/Economic machine interface Φ22 (optional accessories)
 16. Oil temperature sensor 1/8" NPT

255	285	305	353	413	463	503	553	603	755	785	885	985
286/ 343	318/ 382	341/ 409	402/ 482	445/ 534	510/ 612	562/ 674	600/ 720	700/ 840	860/ 1032	910/ 1092	1000/ 1200	1100/ 1320
615	590	625	730	740	775	1010	1030	1020	980	1400	1400	1400
10	10	10	14	14	16	19	19	20	23	25	25	25
275W - 230V - 50/60 [Hz]												
54.1/ 2- 1/8"	54.1/ 2- 1/8"	54.1/ 2- 1/8"	80.0/ 3- 1/8"	80.0/ 3- 1/8"	80.0/ 3- 1/8"	80.0/ 3- 1/8"	80.0/ 3- 1/8"	80.0/ 3- 1/8"	80.0/ 3- 1/8"	105.5/ 4-1/8"	105.5/ 4-1/8"	105.5/ 4-1/8"
80.0 3- 1/8"	80.0 3- 1/8"	80.0 3- 1/8"	92.5/ 3- 5/8"	92.5/ 3- 5/8"	92.5/ 3- 5/8"	105.5/ 4- 1/8"	105.5/ 4- 1/8"	105.5/ 4- 1/8"	105.5/ 4- 1/8"	134.8/Φ133	134.8/Φ133	134.8/Φ133
SRC-S: Step : 100,75,50%, Minimum .(Stepless: 100%..... Minimum . or 100.....50% on request)												
INT69 RCY												
SRC-S/XS:CPI-4214-320(R22),CPI Solest 170(R407C);SRC-S-W:5GS												
400/3/50 [Hz] - 460/3/60 [Hz]												
193	254	254	276	354	374	453	543	543	595	783	876	1062
580	770	770	876	1155	1155	1333	1645	1645	1802	2348	2627	3186
140	160	170	195	210	230	265	290	320	418	475	540	590
257	318	318	354	374	453	543	595	595	595	876	1062	1062
770	953	953	1155	1155	1333	1645	1802	1802	1802	2627	3186	3186
168	192	196	225	245	270	300	334	400	418	520	590	650

10

134-S
SRC-S

Built-in volumetric ratio could be chosen, in phase of order between these values:

134-S Vi = 2,2 (W)
dedicated to water condensing units with
flooded evaporator and high efficiency
units

Vi = 2,6 (L)
dedicated to water condensing units

Vi = 3,2 (S)
dedicated to air condensing units

Vi = 4,4 (R)
dedicated to air condensing units and /or
heat pump applications

SRC-S Vi = 2,2 (W)
dedicated to water condensing units with
flooded evaporator and high efficiency
units

Vi = 2,6 (S)
dedicated to air/water condensing units

Vi = 3,2 (H)
dedicated to air condensing units and heat pump applications

For the biggest sizes is available, on request, the adjustable built-in volumetric ratio device, using which the Vi can be set between different values:

134-S $V_i = 2,6 - 2,2$ (LW)

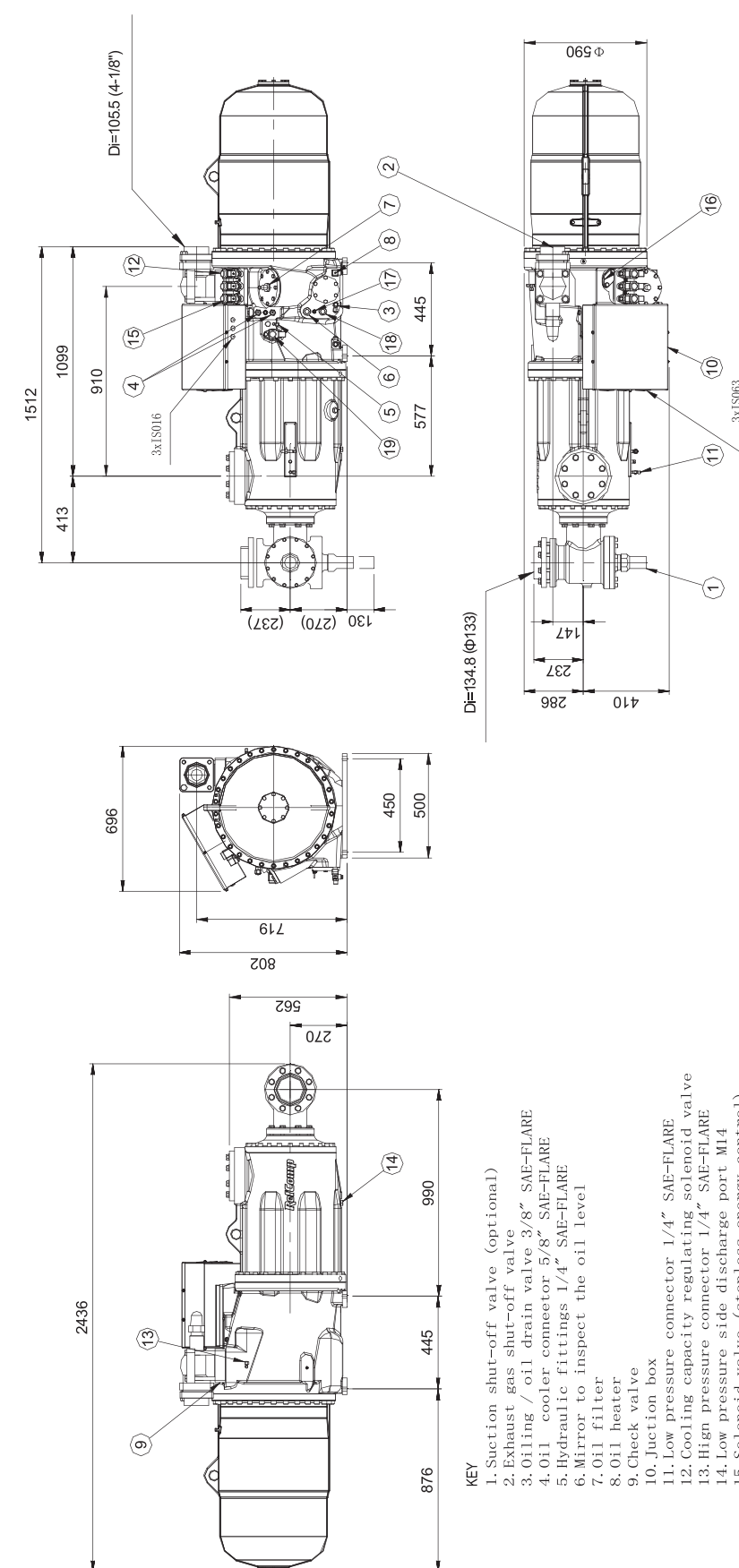
$$V_i = 3,2 - 2,6 \text{ (SL)}$$
$$V_i = 4,4 - 3,2 \text{ (RS)}$$

SRC-S $V_i = 2,6 - 2,2$ (SW)

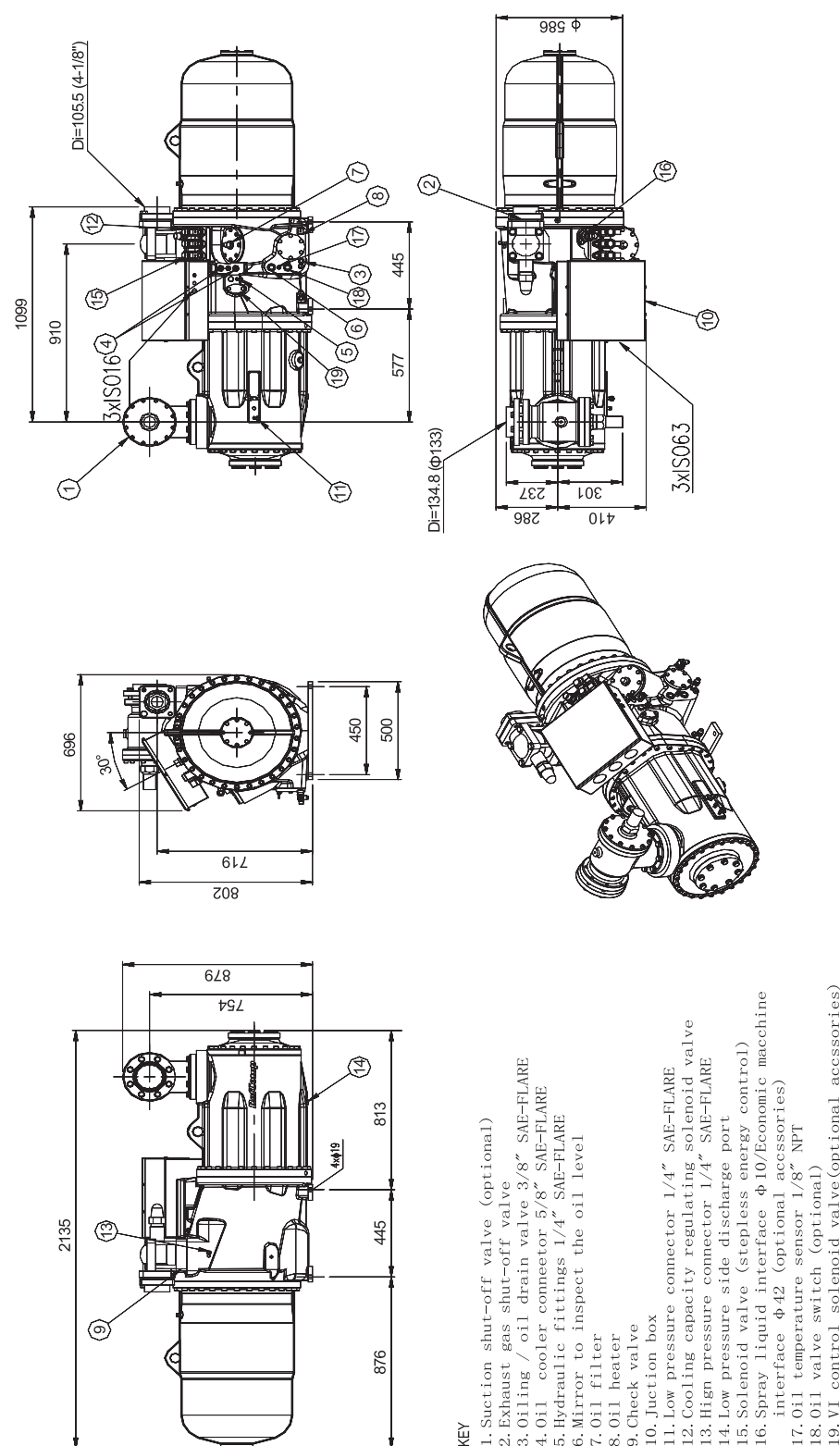
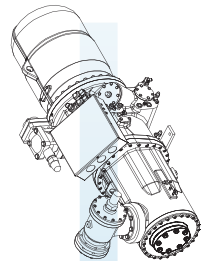
$$V_i = 3,2 - 2,6 \text{ (HS)}$$

Choosing the right V_i the compression process can be adjusted to the actual compression ratio required, optimizing energy efficiency and allowing the highest EER.

134-S-240_270_300/SRC-S-785_885_985 (axial section, optional)



- KEY
1. Suction shut-off valve (optional)
2. Exhaust gas shut-off valve
3. Oiling / oil drain valve 3/8" SAE-FLARE
4. Oil cooler connector 5/8" SAE-FLARE
5. Hydraulic fittings 1/4" SAE-FLARE
6. Mirror to inspect the oil level
7. Oil filter
8. Oil heater
9. Check valve
10. Lotion box
11. Low pressure connector 1/4" SAE-FLARE
12. Cooling capacity regulating solenoid valve
13. High pressure connector 1/4" SAE-FLARE
14. Low pressure side discharge port M14
15. Solenoid valve (stepless energy control)
16. Spray liquid interface $\Phi 10$ /Economic machine interface $\Phi 42$ (optional accessories)
17. Oil temperature sensor 1/8" NPT
18. Oil valve switch (optional)
19. VI control solenoid valve (optional accessories)



Extent of delivery:

Y/ Δ motor (400V-3-50Hz, 460V-3-60Hz) with 6TC temperature sensors, suction shut-off valve (only on SRC-S series), discharge shut-off valve, integrated check valve, integrated safety relief valve, flanged-on oil separator, oil sight glass, oil filter, oil charge, oil heater, 4 steps capacity control (100-75-50-min%) or stepless (100...min%), motor protection module (220V-1-50/60Hz), electrical box with enclosure class IP54, nitrogen protective charge, kit oil cooling connection (only on SRC-XS-040/050/060; SRC-S-255/285/305/755/785/885/985), vibration dampers kit.

Accessories:

On request the following accessories can be delivered: special motors, suction shut-off valve, connection kit for liquid injection, connection kit for ECO port with shut-off valve, connection kit for oil cooling, oil level control, conversion kit for step-less capacity control, bridges for D.O.L starting.

Electrical accessories:

The electrical accessories of the compressor (motor protection module, oil heater, coils for solenoid valves) are suitable for 220V AC 50/60 Hz in the standard delivery. Special voltages are available on request.

Name plate data:

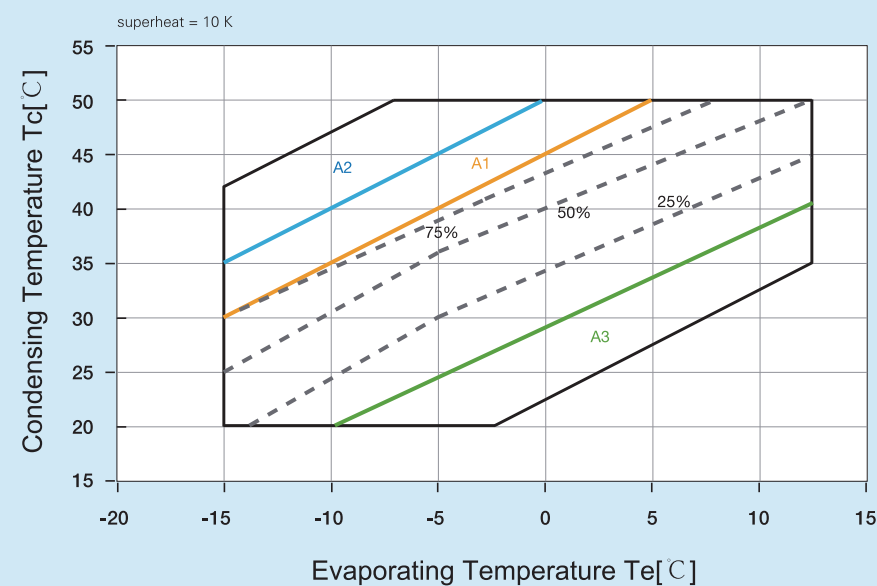
The main characteristics of the compressor are showed on a metal label: -serial number -compressor model -electric motor data -lubricant type (M=oil for R22, E= oil for HFC refrigerants) -displacement (m³/h) The lubricant brand name and type are showed on a sticker.

Applications:

Hard working conditions (high condensing temperature and /or low evaporating temperature) require the additional cooling of the compressor. The application limits of each refrigerant show three differentiated zones: zone n°1 identifies working conditions where additional cooling can be performed via oil cooling or liquid injection. Working conditions inside zone n°2 strictly require the oil cooling, Zone n°3 strictly requires the oil filter pressor drop must be monitored. For the dimensioning of the additional cooling circuits and the selection of the required additional components you can consult RefComp screw compressors application and maintenance manual. The global efficiency of the refrigerant cycle (COP) can be further increased by the subcooling economiser circuit (ECO). For the working principle, the subcooling circuit, and the selection of the additional components you can consult RefComp screw compressors application and maintenance manual.

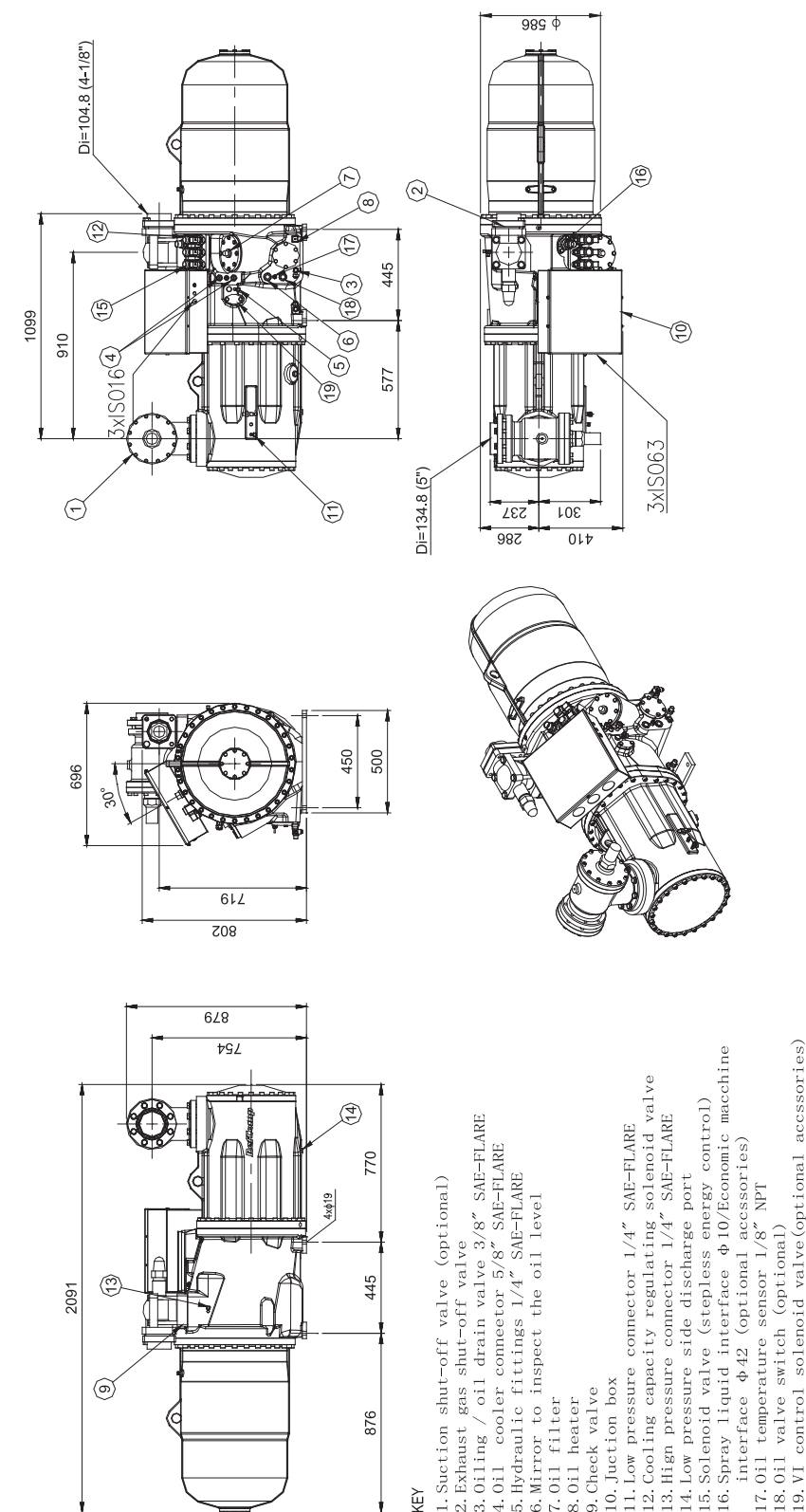
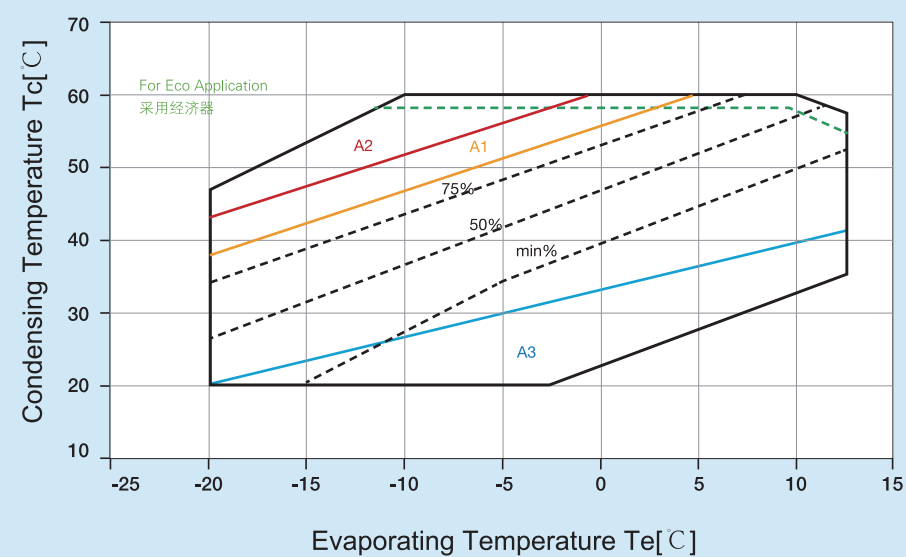
SRC-S(W) SERIES

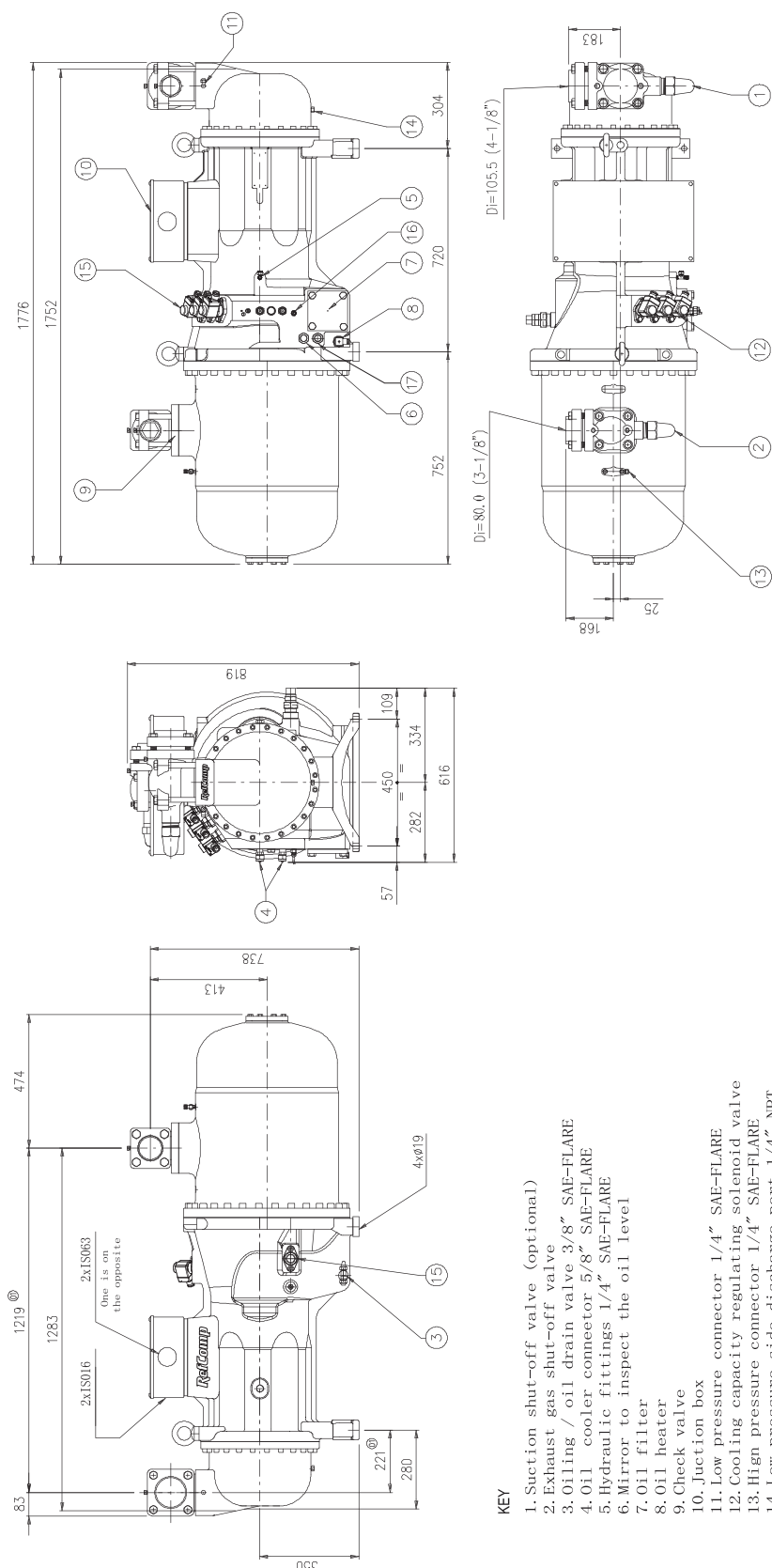
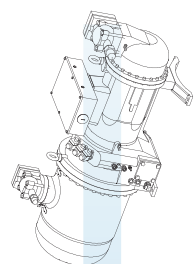
- A1 = oil cooling or liquid inj.
- A2 = oil cooling
- A3 = oil filter control



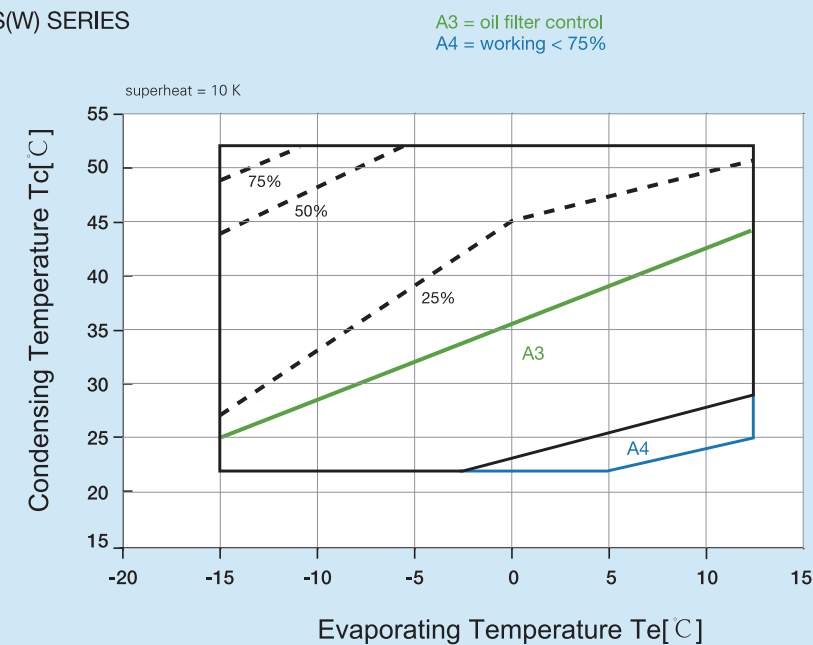
SRC-S/XS (R22) SERIES

A1 = Oil cooling or liquid injection
A2 = Oil cooling only water-oil or air-oil cooler allowed
A3 = Oil filter controll

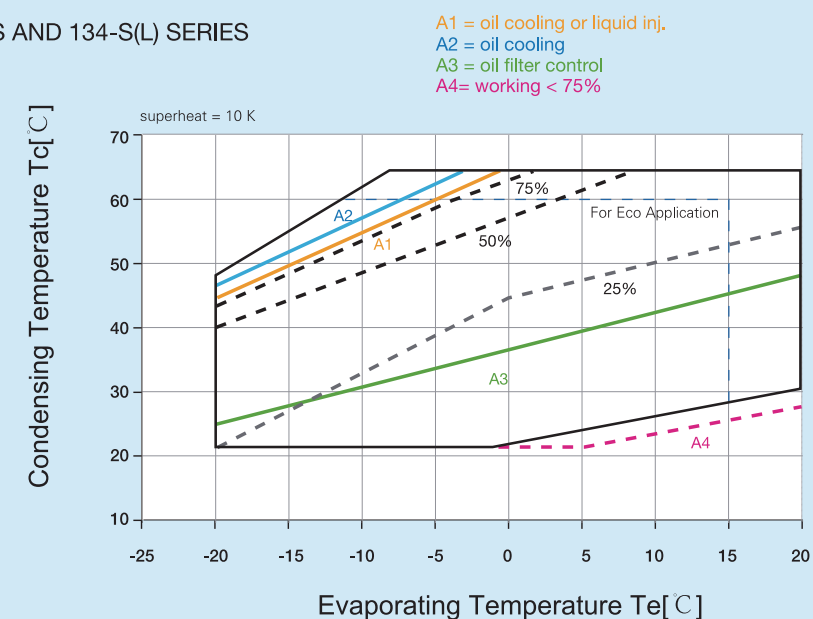




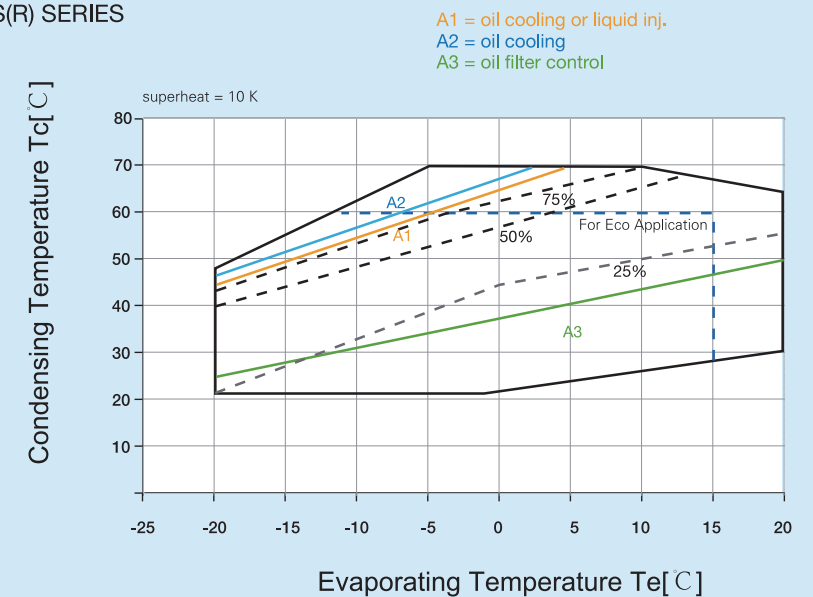
134-S(W) SERIES



134-S AND 134-S(L) SERIES



134-S(R) SERIES



FAMCO

هایپر صنعت

PERFORMANCES 134-S

RefComp

14

134-S
SRC-S

MODEL	134-S(W)		
	T e = 5 [°C]; Tc = 38 [°C]		
	Q ₀ [kW]	Pa [kW]	COP
134-S(W)-071	198	39,8	4,97
134-S(W)-081	223,5	44,3	5,05
134-S(W)-091	250,4	49,6	5,05
134-S(W)-101	269,6	53,3	5,06
134-S(W)-110	298,6	55,6	5,37
134-S(W)-120	352,3	64,7	5,45
134-S(W)-140	403,3	74,7	5,40
134-S(W)-160	470,3	86,8	5,42
134-S(W)-180	535,6	98,3	5,45
134-S(W)-210	571,1	104,7	5,45
134-S(W)-220	604,3	110,9	5,45
134-S(W)-240	669,2	122,8	5,45
134-S(W)-270	755,7	138,7	5,45
134-S(W)-300	843,7	154,8	5,45

MODEL	134-S(L)		
	T e = 2 [°C]; Tc = 45 [°C]		
	Q ₀ [kW]	Pa [kW]	COP
134-S(L)-071	148,5	44,5	3,34
134-S(L)-081	167,5	49,4	3,39
134-S(L)-091	187,6	55,3	3,39
134-S(L)-101	201,9	59,4	3,40
134-S(L)-110	244,6	67,1	3,65
134-S(L)-120	275,2	74,2	3,71
134-S(L)-140	317,4	84,7	3,75
134-S(L)-160	369,3	100,2	3,69
134-S(L)-180	418,1	112,2	3,73
134-S(L)-210	446,8	118,7	3,76
134-S(L)-220	471,7	126,5	3,73
134-S(L)-240	522,3	139,4	3,75
134-S(L)-270	589,8	155,8	3,79
134-S(L)-300	658,5	176,9	3,72

MODEL	134-S		
	T e = 2 [°C]; Tc = 50 [°C]		
	Q ₀ [kW]	Pa [kW]	COP
134-XS-040	85,2	29	2,94
134-XS-050	101,7	33,8	3,01
134-XS-060	123	40	3,08
134-S-071	139,7	47,7	2,93
134-S-081	158,3	53,1	2,98
134-S-091	178,2	59,6	2,99
134-S-101	192	64,2	2,99
134-S-110	231,3	72,3	3,2
134-S-120	260,3	80	3,25
134-S-140	300,2	91,2	3,29
134-S-160	349,2	108	3,23
134-S-180	395,3	120,9	3,27
134-S-210	422,5	127,9	3,3
134-S-220	446	136,4	3,27
134-S-240	493,9	150,2	3,29
134-S-270	557,7	167,8	3,32
134-S-300	622,7	190,6	3,27

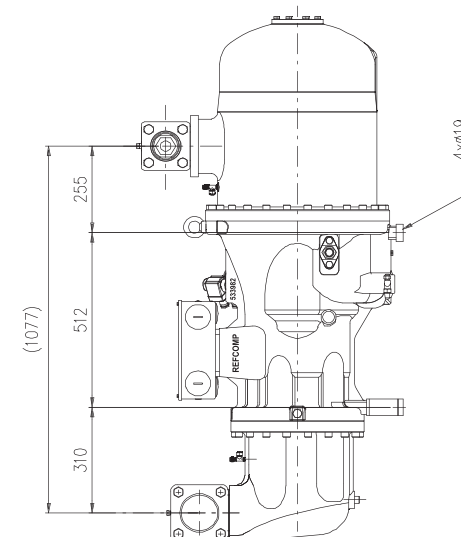
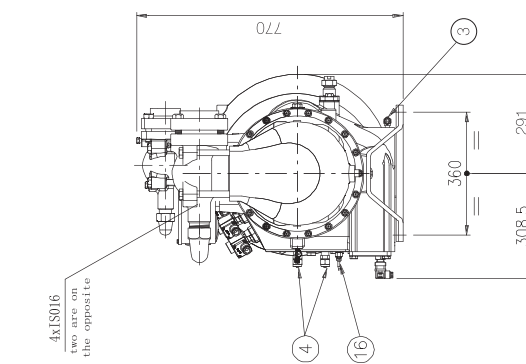
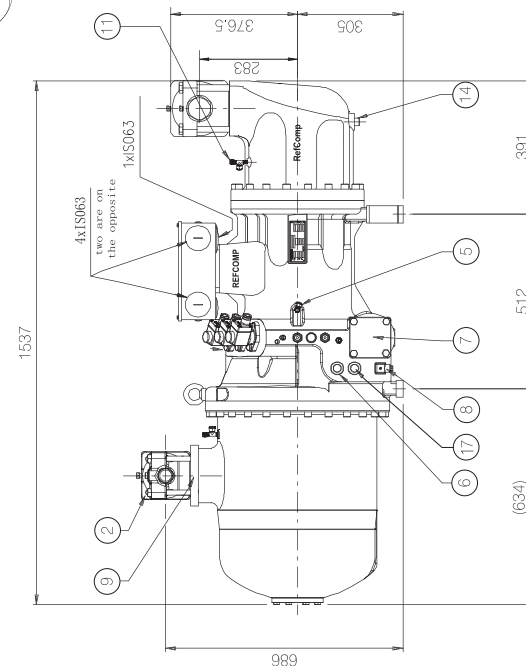
MODEL	134-S(R)		
	T e = -5 [°C]; Tc = 53 [°C]		
	Q ₀ [kW]	Pa [kW]	COP
134-S(R)-081	105,7	51,1	2,07
134-S(R)-091	120,4	57	2,11
134-S(R)-110	162,7	72,4	2,25
134-S(R)-120	185,9	78,7	2,36
134-S(R)-140	214,4	89,8	2,39
134-S(R)-160	245,2	106,8	2,3
134-S(R)-180	282,3	119	2,37
134-S(R)-210	301,7	125,8	2,4
134-S(R)-240	346,8	148,6	2,33
134-S(R)-270	398,3	165,1	2,41
134-S(R)-300	444,7	187,5	2,37

KEY / LEGENDA

Q₀ = Cooling Capacity [kW] - Pa = Input Power [kW] - T_e = Evaporating temperature [°C, DEW]

T_c = Condensing temperature [°C, DEW] - Liquid subcooling 5K - Suction gas superheat 10K / 1K;

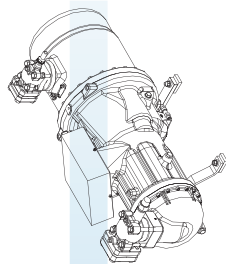
For product improvement, the performance paranmefer refer to the latest software selection of refcomp.



KEY

1. Suction shut-off valve (optional)
2. Exhaust gas shut-off valve
3. Oiling / oil drain valve 3/8" SAE-FLARE
4. Oil cooler connector 5/8" SAE-FLARE
5. Hydraulic fittings 1/4" SAE-FLARE
6. Mirror to inspect the oil level
7. Oil filter
8. Oil heater
9. Check valve
10. Junction box
11. Low pressure connector 1/4" SAE-FLARE
12. Cooling capacity regulating solenoid valve
13. High pressure connector 1/4" SAE-FLARE
14. Low pressure side discharge port
15. Spray liquid interface Φ10/Economic machine interface Φ28 (optional accessories)
16. Oil temperature sensor 1/8" NPT
17. Oil valve switch (optional)

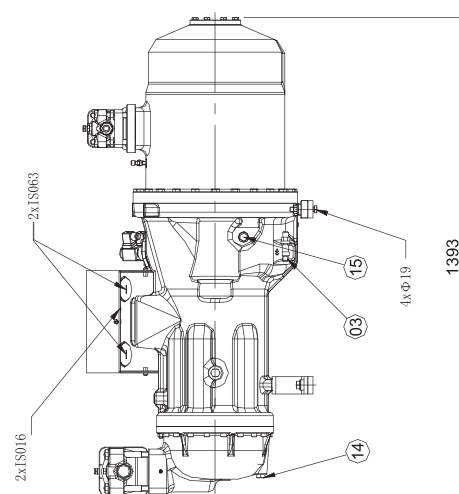
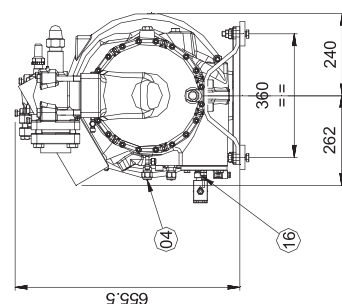
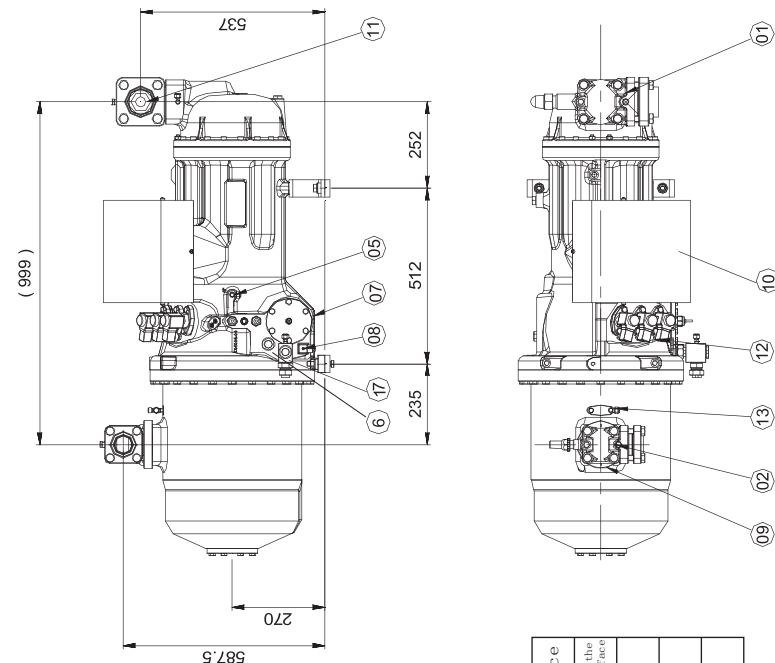
134-S-110_120_140



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PERFORMANCES SRC-S



Inner diameter of the suction valve interface			
Compressor standard configuration		Inner diameter of the exhaust valve interface	
134-S-071/081	80.0 (3-1/8")	54.1 (2-1/8")	54.1 (2-1/8")
134-S-091	92.5 (3-5/8")	54.1 (2-1/8")	54.1 (2-1/8")
134-S-101	92.5 (3-5/8")	67.0 (2-5/8")	67.0 (2-5/8")

- KEY
1. Suction shut-off valve (optional)
 2. Exhaust gas shut-off valve
 3. Oiling / oil drain valve 3/8" SAE-FLARE
 4. Oil cooler connector 5/8" SAE-FLARE
 5. Hydraulic fittings 1/4" SAE-FLARE
 6. Mirror to inspect the oil level
 7. Oil filter
 8. Oil heater
 9. Check valve
 10. Junction box
 11. Low pressure connector 1/4" SAE-FLARE
 12. Cooling capacity regulating solenoid valve
 13. High pressure connector 1/4" SAE-FLARE
 14. Low pressure side discharge port
 15. Spray liquid interface Φ10/Economic machine interface Φ22 (optional accessories)
 16. Oil temperature sensor 1/8" NPT
 17. Oil valve switch (optional)

	SRC-S(W),Refrigerant R22							SRC-S/XS,Refrigerant R22					
	Te =2[°C]; Tc =40[°C]			Te =5[°C]; Tc =38[°C]				Te =2[°C]; Tc =40[°C]			Te =2[°C]; Tc =50[°C]		
MODEL	Q ₀ [kW]	Pa [kW]	COP	Q ₀ [kW]	Pa [kW]	COP	MODEL	Q ₀ [kW]	Pa [kW]	COP	Q ₀ [kW]	Pa [kW]	COP
SRC-XS-040	–	–	–	–	–	–	SRC-XS-040	113,8	28,7	3,97	95,7	35,5	2,7
SRC-XS-050	–	–	–	–	–	–	SRC-XS-050	144,6	35,7	4,05	121,6	44,2	2,75
SRC-XS-060	–	–	–	–	–	–	SRC-XS-060	158,7	37,6	4,22	137,8	45,6	3,02
SRC-S(W)-113	127,2	30,7	4,14	146,8	29,1	5,04	SRC-S-113	113,8	28,7	3,97	95,7	35,5	2,7
SRC-S(W)-133	145,4	35,4	4,11	167,9	33,5	5,01	SRC-S-133	144,6	35,7	4,05	121,6	44,2	2,75
SRC-S(W)-163	157,3	38,2	4,12	181,6	36,2	5,02	SRC-S-163	158,7	37,6	4,22	137,8	45,6	3,02
SRC-S(W)-183	191,2	45,7	4,18	220,8	43,3	5,10	SRC-S-183	184	43,7	4,21	159,8	52,9	3,02
SRC-S(W)-213	212,7	50,3	4,23	245,6	47,7	5,15	SRC-S-213	212,8	50	4,26	184,7	60,5	3,05
SRC-S(W)-255	256,4	60,6	4,23	296,1	57,4	5,16	SRC-S-255	261,6	60,3	4,34	227,1	73,1	3,11
SRC-S(W)-285	285,4	67,5	4,23	329,5	63,9	5,16	SRC-S-285	291,1	67	4,34	252,7	81,1	3,12
SRC-S(W)-305	304,2	72,1	4,22	351,2	68,3	5,14	SRC-S-305	315,1	72,6	4,34	273,5	88	3,11
SRC-S(W)-353	357,2	83,6	4,27	412,4	79,2	5,21	SRC-S-353	375,3	85,4	4,39	325,8	103,5	3,15
SRC-S(W)-413	401,8	93,2	4,31	464,0	88,3	5,25	SRC-S-413	419,4	94,6	4,43	364,0	114,6	3,18
SRC-S(W)-463	450,8	104,4	4,32	520,5	99,0	5,26	SRC-S-463	463,5	105,7	4,39	410,6	128,7	3,19
SRC-S(W)-503	506,7	117,4	4,32	585,0	111,2	5,26	SRC-S-503	510,8	116,5	4,38	452,5	141,8	3,19
SRC-S(W)-553	558,7	129,4	4,32	645,1	122,7	5,26	SRC-S-553	545,3	124,4	4,38	483,1	151,4	3,19
SRC-S(W)-603	616,8	143	4,31	712,1	135,5	5,26	SRC-S-603	647,9	155,3	4,17	577	184,2	3,13
SRC-S(W)-755	708,3	167,2	4,24	833,9	153,2	5,44	SRC-S-755	744,4	180,2	4,13	638,9	223,2	2,86
SRC-S(W)-785	853,2	198,4	4,3	985,1	188,1	5,24	SRC-S-785	896,7	212,8	4,21	798,5	252,3	3,16
SRC-S(W)-885	964,4	224,5	4,3	1113,5	212,8	5,23	SRC-S-885	1012,5	240,3	4,21	901,7	284,9	3,16
SRC-S(W)-985	1076	248,8	4,32	1242,4	235,7	5,27	SRC-S-985	1130,5	268,3	4,21	1006,8	318,1	3,17

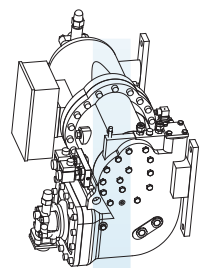
KEY / LEGENDA

Q₀ = Cooling Capacity [kW] - Pa = Input Power [kW] - Te = Evaporating temperature [°C, DEW]

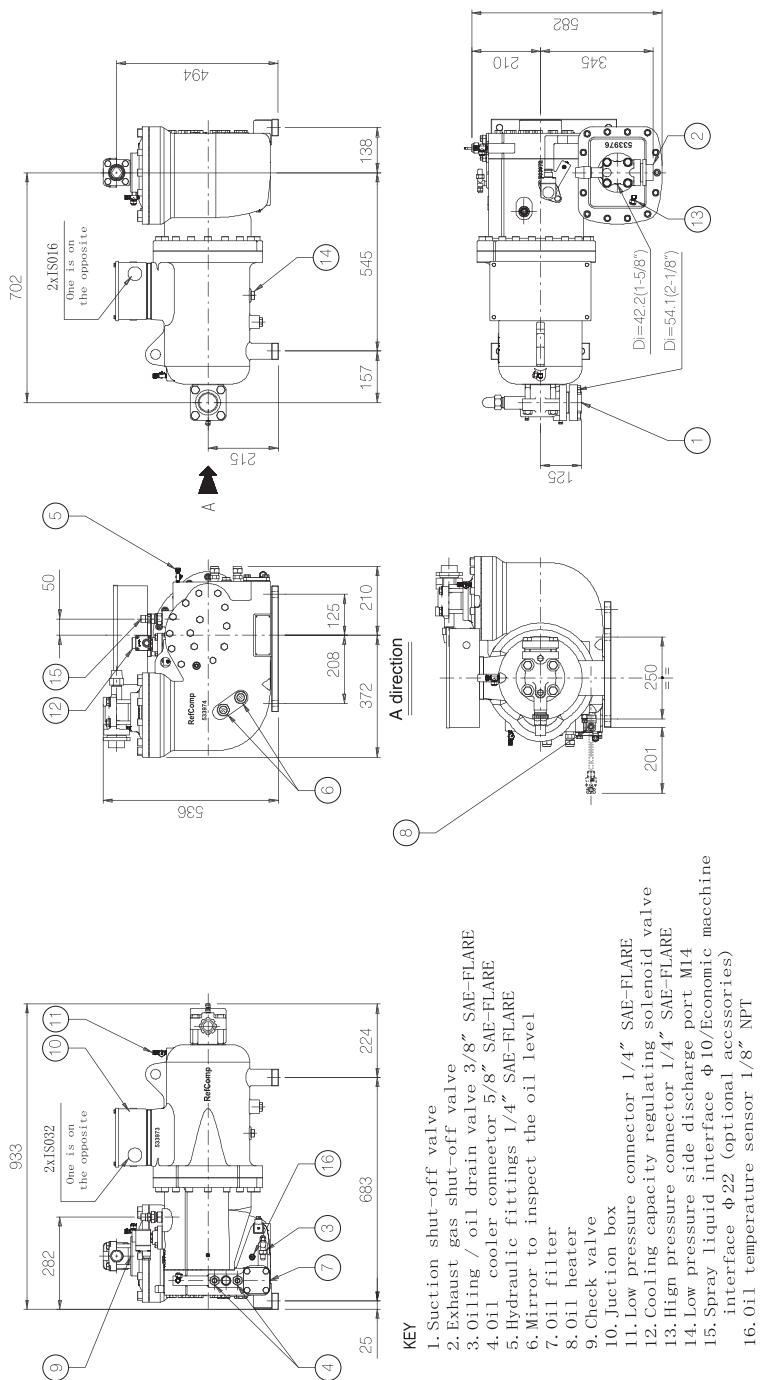
Tc = Condensing temperature [°C, DEW] - Liquid subcooling 5K - Suction gas superheat 10K / 1K;

For product improvement, the performance parameter refer to the latest software selection of refcomp.

134-S-071_081_091_101



134-XS-040



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134-XS-050_060

