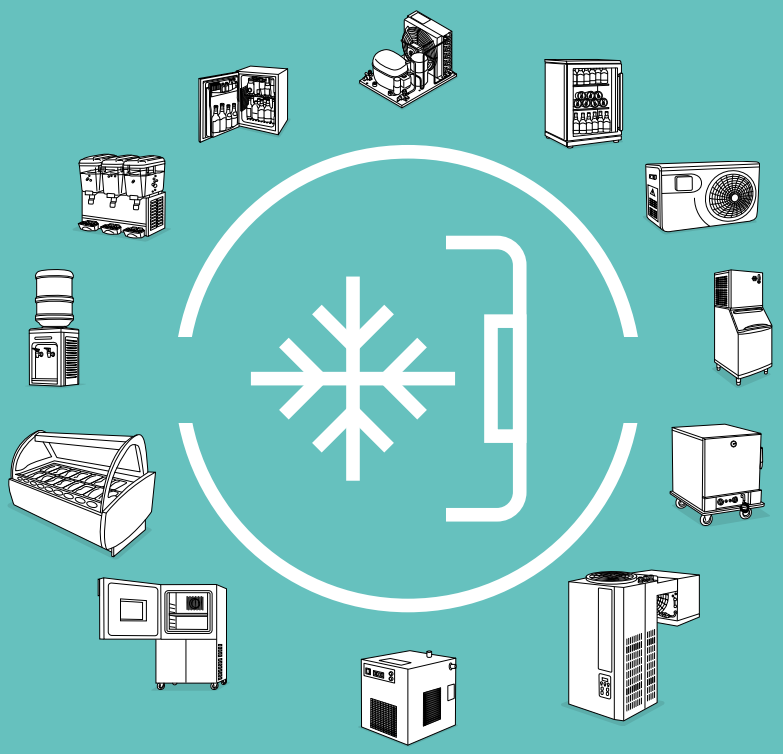
Secop strives to be the first choice for partners searching for leading-edge refrigeration solutions and premium customer experience.

Secop is committed to delivering advanced refrigeration compressors and controls, providing customers tailored sustainable solutions for light commercial, battery-driven, and special cooling applications.

HERMETIC COMPRESSORS
HFC REFRIGERANTS

SECOP

R134a · R513A | R404A · R452A



208-230 V · 60 Hz
220-240 V · 50/60 Hz
220-240 V · 50 Hz | 200–240 V · 50 Hz

ENERGY OPTIMIZED

WIDE APPLICATION RANGE

R134a · 220-240 V · 50 Hz

Electrical equipment

Compressor (*with oil cooler connector)	Code number	Application	ASHRAE Capacity [W] Tc=54.4°C, Tliq=32.2°C, Tsuc=32.2°C Evaporating temperature [°C]						ASHRAE LBP rating point -23.3°C / 54.4°C		ASHRAE MBP rating point -6.7°C / 54.4°C		ASHRAE HBP rating point 7.2°C / 54.4°C		Displacement	Voltage and frequencies (*dual frequency type with 50/60 Hz)	Compressor cooling (refer to data sheet)
			-35	-15	-5	0	10	15	Cooling capacity	COP	Cooling capacity	COP	Cooling capacity	COP			
									[W]	[W/W]	[W]	[W/W]	[W]	[W/W]	[cm³]		
PL20F	101G0100	MBP	–	45	81	103	–	–	24	0.55	66	1.08	–	–	1.41	198-254 V, 50 Hz	S
PL50F	101G0220	LBP	18	92	–	–	–	–	56	0.89	–	–	–	–	2.50	198-254 V, 50 Hz	S
PL50F	101G0222	MBP	–	92	149	184	–	–	56	0.92	123	1.37	–	–	2.50	198-254 V, 50 Hz	F1
PL50F	101G0223	MBP	–	92	149	184	–	–	56	0.92	123	1.37	–	–	2.50	198-254 V, 50 Hz	F1
TL2.5F	102G4200	L/MBP	–	81	136	170	–	–	46	0.80	112	1.31	–	–	2.61	198-254 V, 50 Hz	S
TL3F	102G4300	L/MBP	–	101	171	214	–	–	59	0.85	141	1.32	–	–	3.13	198-254 V, 50 Hz	S
TL4F	102G4400	LBP	38	133	–	–	–	–	84	0.98	–	–	–	–	3.86	198-254 V, 50 Hz	S
TL5F	102G4501	LBP	53	178	–	–	–	–	113	1.06	–	–	–	–	5.08	198-254 V, 50 Hz	S
TLS5F	102G4520	LBP	59	210	–	–	–	–	134	1.15	–	–	–	–	5.08	198-254 V, 50 Hz	S
TLS6F	102G4620	LBP	72	227	–	–	–	–	143	1.14	–	–	–	–	5.70	198-254 V, 50 Hz	S
TLS7F	102G4720	LBP	82	257	–	–	–	–	164	1.15	–	–	–	–	6.49	198-254 V, 50 Hz	S
TLES3F	102G4310	L/MBP	–	115	192	240	–	–	70	1.07	158	1.57	–	–	3.13	198-254 V, 50 Hz	S
TLES4F	102G4410	LBP	41	154	–	–	–	–	97	1.16	–	–	–	–	3.86	198-254 V, 50 Hz	S
TLES5F	102G4510	LBP	62	210	–	–	–	–	134	1.22	–	–	–	–	5.08	198-254 V, 50 Hz	S
TLES6F	102G4610	LBP	72	227	–	–	–	–	143	1.20	–	–	–	–	5.70	198-254 V, 50 Hz	S
TLES5.7FT.3	102G4573	LBP	82	248	–	–	–	–	163	1.30	–	–	–	–	5.70	187-254 V, 50 Hz	S
TLES6FT.3	102G4609	LBP	82	248	–	–	–	–	163	1.30	–	–	–	–	5.70	187-254 V, 50 Hz	S
TFS4.5FT	102G4433	LBP	56	193	309	–	–	–	123	1.12	256	1.65	–	–	4.63	176-242 V, 50 Hz	S
TLS3FT	102G4325	LBP	26	115	–	–	–	–	69	1.07	–	–	–	–	3.13	187-254 V, 50 Hz	S
TLS4FT	102G4424	LBP	34	145	–	–	–	–	88	0.97	–	–	–	–	3.86	187-254 V, 50 Hz	S
TLS5FT	102G4524	LBP	59	210	–	–	–	–	134	1.12	–	–	–	–	5.08	187-254 V, 50 Hz	S
NL6F	105G6606	LBP	64	247	–	–	–	–	152	1.22	–	–	–	–	6.13	198-254 V, 50 Hz	S
NL7F	105G6706	LBP	87	294	–	–	–	–	187	1.21	–	–	–	–	7.27	198-254 V, 50 Hz	S
NL8F	105G6822	LBP	100	307	–	–	–	–	201	1.24	–	–	–	–	7.95	198-254 V, 50 Hz	S
NL9F	105G6802	LBP	92	332	–	–	–	–	213	1.21	–	–	–	–	8.35	198-254 V, 50 Hz	S
NLE9F	105G6805	LBP	101	335	–	–	–	–	211	1.33	–	–	–	–	8.35	198-254 V, 50 Hz	S
NL11F	105G6900	LBP	126	435	–	–	–	–	274	1.22	–	–	–	–	11.15	198-254 V, 50 Hz	F2
NF9FX	105G6841	L/MBP	113	356	575	715	–	–	229	1.09	475	1.59	856	2.28	8.34	198-242 V, 50 Hz	F1
NF11FX	105G6944	L/MBP	141	454	725	898	–	–	294	0.97	600	1.41	1070	2.02	11.15	198-242 V, 50 Hz	F2
NL6.1FT	105G6620	LBP	74	245	–	–	–	–	157	1.21	–	–	–	–	6.13	187-254 V, 50 Hz	S
NL7FT	105G6718	LBP	88	290	–	–	–	–	186	1.22	–	–	–	–	7.27	187-254 V, 50 Hz	S
NL7.3FT	105G6726	LBP	88	290	–	–	–	–	186	1.22	–	–	–	–	7.27	187-254 V, 50 Hz	S
NL8.4FT	105G6055	LBP	107	340	–	–	–	–	220	1.23	–	–	–	–	8.35	187-254 V, 50 Hz	F1
NL9FT	105G6828	LBP	107	340	–	–	–	–	220	1.23	–	–	–	–	8.35	187-254 V, 50 Hz	S
NL10FT	105G6188	LBP	141	434	–	–	–	–	284	1.25	–	–	–	–	10.09	187-254 V, 50 Hz	S
NL11MF	105G6156	M/HBP	–	471	756	938	1400	1687	–	–	626	1.61	1121	2.19	11.15	187-254 V, 50 Hz	F2
NLE10MF	105G6888	MBP	110	425	687	854	–	–	268	1.28	568	1.71	1023	2.32	10.09	198-254 V, 50 Hz	F1
NLE10MF.2	105G6187	L/MBP	116	457	735	914	1372	–	290	1.45	608	1.94	1097	2.61	10.09	198-254 V, 50 Hz	F2
NLE11MF.2	105G6197	MBP	–	513	821	1018	1509	–	331	1.41	680	1.88	1211	2.50	11.15	198-242 V, 50 Hz	F2
FR11G	103G6980	L/M/HBP	–	380	621	780	–	–	236	1.10	513	1.50	–	–	11.15	187-254 V, 50 Hz	F1
SC15F	104G8500	LBP	126	545	901	–	–	–	324	1.11	745	1.59	–	–	15.28	198-254 V, 50 Hz	F1
SC15MFX	104G8501	MBP	–	569	951	1185	1749	–	326	1.10	785	1.66	1408	2.31	15.28	198-254 V, 50 Hz	F2
SC18F	104G8800	LBP	159	640	1041	–	–	–	389	1.17	863	1.62	–	–	17.69	198-254 V, 50 Hz	F1
SC10GHH*	104G8071	HBP	–	321	580	750	1173	1426	–	–	472	1.69	931	2.62	10.29	198-254 V, 50 Hz	F1
SC15GHH*	104G8571	HBP	–	533	897	1128	1746	2154	–	–	739	1.84	1382	2.66	15.28	198-254 V. 50 Hz	F1
SC18GH	104G8860	HBP	–	666	1061	1338	2048	2482	–	–	875	1.62	1632	2.27	17.69	198-254 V, 50 Hz	F2
SC21F	104G8100	LBP	228	742	1218	–	–	–	458	1.14	1007	1.54	–	–	20.95	198-254 V, 50 Hz	F1
SC21FTX	104G8105	LBP	241	884	1391	–	–	–	569	1.27	1156	1.76	–	–	20.95	187-254 V, 50 Hz	F2
SC21MFX	104G8120	MBP	–	819	1304	1616	2408	–	532	1.21	1081	1.65	1929	2.30	20.95	187-254 V, 50 Hz	F2
SCE21MFX	104G8150	MBP	–	817	1371	1714	–	–	480	1.29	1130	1.82	2043	2.37	20.95	198-244 V, 50 Hz	F2
SC12/12G	104G8280	L/M/HBP	162	865	1498	1907	2942	3582	497	1.03	1228	1.60	2340	2.29	25.74	187-254 V, 50 Hz	F2
SC15/15G	104G8580	L/M/HBP	–	1054	1808	2255	3338	3996	521	1.01	1491	1.56	2682	2.20	30.56	187-254 V, 50 Hz	F2
SC18/18G	104G8880	L/M/HBP	–	1298	2150	2688	4026	4843	782	1.12	1774	1.63	3225	2.24	35.38	187-254 V, 50 Hz	F2
SC21/21G	104G8180	L/M/HBP	–	1508	2520	3156	4704	5621	921	1.13	2076	1.67	3777	2.29	41.90	187-254 V, 50 Hz	F2
GS26GHX	107B0702	HBP	–	1087	1746	2172	3268	3960	–	–	1445	1.79	2611	2.50	26.30	198-254 V, 50 Hz	F2
GS26MFX ●	107B0700	MBP	–	1078	1747	2170	–	–	–	–	1446	1.82	–	–	26.30	198-254 V, 50 Hz	F2
GS34MFX ●	107B0701	MBP	–	1400	2284	2848	–	–	–	–	1888	1.80	3424	2.44	33.80	198-254 V, 50 Hz	F2
GS26MFX	107B0700	MBP	–	1078	1747	2170	–	–	–	–	1446	1.82	–	–	26.30	198-254 V, 50 Hz	F2
GS34MFX	107B0701	MBP	–	1400	2284	2848	–	–	–	–	1888	1.80	3424	2.44	33.80	198-254 V, 50 Hz	F2

Dimensions						LST (RSIR & RSCR) refer to data sheet for more info							Run capacitor (RC)		HST (CSIR & CSR) *alt. cable lengths avail.			LST/HST	
Height [mm]		Connectors location/I.D. [mm]			alt. connectors available	PTC starting device		PTC starting device with RC connector		ePTC	→ optional → compulsory*		Starting relay	Starting capacitor	Starting device*			Cord relief	Cover
		Suction	Process	Discharge		Spades		Spades		Spades	Spades		Spades		Spades				
A	B	C (I.D.)	D (I.D.)	E (I.D.)		6.3 mm	4.8 mm	6.3 mm	4.8 mm	4.8 mm	6.3 mm	4.8 mm	6.3 mm	6.3 mm	6.3 mm				
129	127	6.2	6.2	5	–	103N0011	103N0018	–	–	–	–	–	–	–	–			103N1010	103N0491
137	135	6.2	6.2	5	–	103N0011	103N0018	–	–	–	–	–	–	–	–			103N1010	103N0491
137	135	6.2	6.2	5	–	–	–	–	–	–	–	–	117U6021	117U5014	–			103N1010	103N0491
137	135	6.5	6.5	5	–	–	–	–	–	–	–	–	117U6021	117U5014	–			103N1010	103N0491
163	159	6.2	6.2	5	X	103N0011	103N0018	–	–	–	–	–			–			103N1010	103N2010
163	159	6.2	6.2	5	–	103N0011	103N0018	–	–	–	–	–	117U6007	117U5014	–			103N1010	103N2010
163	159	6.2	6.2	5	–	103N0011	103N0018	–	–	–	–	–	117U6009	117U5014	–			103N1010	103N2010
173	169	6.2	6.2	5	–	103N0011	103N0018	–	–	–	–	–	117U6004	117U5014	–			103N1010	103N2010
173	169	6.2	6.2	5	–	103N0011	103N0018	–	–	–	–	–	117U6004	117U5014	–			103N1010	103N2010
173	169	6.2	6.2	5	–	103N0011	103N0018	–	–	–	–	–	117U6004	117U5014	–			103N1010	103N2010
173	169	6.2	6.2	5	–	103N0011	103N0018	103N0016	103N0021	–	117-7117	117-7119	117U6000	117U5014	–			103N1010	103N2010
173	169	6.2	6.2	5	–	103N0011	103N0018	103N0016	103N0021	–	117-7117	117-7119	–	–	–			103N1010	103N2010
173	169	6.2	6.2	5	–	103N0011	103N0018	103N0016	103N0021	–	117-7117	117-7119	–	–	–			103N1010	103N2010
173	169	6.2	6.2	5	–	103N0011	103N0018	103N0016	103N0021	–	117-7117	117-7119	–	–	–			103N1010	103N2010
173	169	6.2	6.2	5	X	103N0011	103N0018	103N0016	103N0021	–	117-7117	117-7119	–	–	–			103N1010	103N2010
173	169	6.2	6.2	5	X	103N0011	103N0018	103N0016	103N0021	103N0050	117-7117	117-7119	117U6004	117U5014	–			103N1010	103N2010
173	169	6.2	6.2	5	–	103N0011	103N0018	103N0016	103N0021	103N0050	117-7117	117-7119	117U6004	117U5014	–			103N1010	103N2010
173	169	6.5	6.5	5	X	–	–	–	–	–	–	–	–	–	–			117U0349	117U1023
173	169	6.2	6.2	5	X	103N0011	103N0018	–	–	–	–	–	117U6007	117U5014	–			103N1010	103N2010
173	169	6.2	6.2	5	X	103N0011	103N0018	–	–	–	–	–	117U6004	117U5014	–			103N1010	103N2010
173	169	6.2	6.2	5	X	103N0011	103N0018	–	–	–	–	–	117U6000	117U5014	–			103N1010	103N2010
188	181	6.2	6.2	5	–	103N0011	103N0018	–	–	–	–	–	117U6004	117U5015	–			103N1010	103N2010
190	183	6.2	6.2	5	–	103N0011	103N0018	–	–	–	–	–	117U6000	117U5015	–			103N1010	103N2010
197	191	6.2	6.2	5	–	103N0011	103N0018	–	–	–	–	–	117U6001	117U5015	–			103N1010	103N2010
197	191	8.2	6.2	6.2	–	103N0011	103N0018	–	–	–	–	–	117U6001	117U5015	–			103N1010	103N2010
197	191	6.2	6.2	5	X	103N0011	103N0018	103N0016	103N0021		117-7117	117-7119	–	–	–			103N1010	103N2010
203	197	8.2	6.2	6.2	X	103N0011	103N0018	–	–	–	–	–	117U6002	117U5015	–			103N1010	103N2010
203	197	8.2	6.2	6.2	–	–	–	–	–	103N0050		117-7119	117U6003	117U5015	–			103N1010	103N2010
196	191	8.2	6.2	6.2	X	103N0011	103N0018	–	–	–	–	–	117U6010	117U5015	–			103N1010	103N2010
209	203	8.2	6.2	6.2	–	103N0011	–	–	–	–	–	–	117U6003	117U5017	–			103N1004	103N2009
209	203	10.2	6.2	6.2	–	–	–	–	–	–	–	–	117U6005	117U5017	–			103N1004	103N2008
209	203	10.2	6.2	6.2	–	–	–	–	–	–	–	–	117U6005	117U5017	–			103N1004	103N2009
209	203	10.2	6.2	8.2	–	–	–	–	–	–	–	–	–	117U5372	117-7025			103N1004	103N2009
209	203	10,2	6,2	8,2	X	–	–	–	–	–	–	–	–	117U5373	117-7027			103N1004	103N2009
219	213	10.2	6.2	8.2	–	–	–	–	–	–	–	–	117U6019	117U5017	–			103N1004	103N2009
219	213	10.2	6.2	6.2	–	–	–	–	–	–	–	–	117U6019	117U5017	–			103N1004	103N2009
219	213	10.2	6.2	6.2	–	–	–	–	–	–	–	–	117U6019	117U5017	–			103N1004	103N2009
219	213	10.2	6.2	6.2	–	–	–	–	–	–	–	–	117U6019	117U5017	117-7039			103N1004	103N2009
219	213	10.2	6.2	6.2	–	–	–	–	–	–	–	–	117U7411	117U5017	–			103N1004	117U1033
249	244	12	6.2	6.2	–	–	–	–	–	–	–	–	117U6003	117U5017	–			103N1004	103N2009
249	244	12	6.2	6.2	–	–	–	–	–	–	–	–	117U6005	117U5017	–			103N1004	103N2009
259	254	16	6.2	6.2	–	–	–	–	–	–	–	–	117U6019	117U5017	–			103N1004	103N2009
259	254	16	6.2	6.2	–	–	–	–	–	–	–	–	–	117U5373	117-7029			103N1004	103N2009
259	247	12.9	6.5	8.2	–	–	–	–	–	–	–	–	–	–	117-7070			–	107B9101
259	247	12.9	6.5	8.2	–	–	–	–	–	–	–	–	–	–	117-7055			–	107B9101
259	247	12.9	6.5	8.2	–	–	–	–	–	–	–	–	–	–	117-7056			–	107B9101
259	247	12.9	6.5	8.2	–	–	–	–	–	–	–	–	–	–	117-7055			–	107B9101
259	247	12.9	6.5	8.2	–	–	–	–	–	–	–	–	–	–	117-7056			–	107B9101

● Alternative refrigerant R513A, please refer to our data sheets

R513A

R134a · 220-240 V · 50/60 Hz | 208-230 V · 60 Hz

Compressor	Code number	Application	ASHRAE Capacity [W] Tc=54.4°C, Tliq=32.2°C, Tsuc=32.2°C Evaporating temperature [°C]						ASHRAE LBP rating point -23.3°C / 54.4°C		ASHRAE MBP rating point -6.7°C / 54.4°C		ASHRAE HBP rating point 7.2°C / 54.4°C		Displacement	Voltage and frequencies (*dual frequency type with 50/60 Hz)	Compressor cooling (refer to data sheet)
			-35	-15	-5	0	10	15	Cooling capacity	COP	Cooling capacity	COP	Cooling capacity	COP			
									[W]	[W/W]	[W]	[W/W]	[W]	[W/W]	[cm³]		
PL35G	101G0250	L/M/HBP	–	66	111	140	214	261	39	0.79	91	1.27	170	1.83	2.00	198-254 V, 50 Hz *	F1
TL2.5G	102G4251	L/M/HBP	14	86	144	181	273	331	51	0.82	119	1.32	218	1.86	2.61	187-254 V, 50 Hz *	S
TL3G	102G4350	L/M/HBP	–	100	169	212	322	390	58	0.85	139	1.34	257	1.86	3.13	187-254 V, 50 Hz *	S
TL4G	102G4452	L/M/HBP	–	133	223	280	425	515	81	0.94	184	1.46	340	2.15	3.86	187-254 V, 50 Hz *	S
TL4GH ●	102G4455	HBP	–	130	226	286	440	535	–	–	185	1.44	350	2.14	3.86	198-254 V, 50 Hz *	F2
TL5G ●	102G4550	L/M/HBP	–	173	278	345	515	619	109	1.03	230	1.43	412	1.94	5.08	187-254 V, 50 Hz *	S
TLES6.5FT.3	102G4724	LBP	89	283	–	–	–	–	183	1.33	–	–	–	–	6.49	187-254 V, 50 Hz *	S
TLES7FT.4	102G4708	LBP	89	283	–	–	–	–	183	1.33	–	–	–	–	6.49	187-254 V, 50 Hz *	S
NL6FT	105G6628	LBP	74	245	–	–	–	–	157	1.21	–	–	–	–	6.13	187-254 V, 50 Hz *	S
NF7FX	105G6743	L/MBP	97	324	522	646	–	–	205	1.12	432	1.66	766	2.35	7.27	198-242 V, 50 Hz *	S
NF10FX	105G6846	L/MBP	127	418	671	832	–	–	267	0.94	556	1.42	991	2.06	10.09	198-242 V, 50 Hz *	F1
NL6.1MF ●	105G6660	MBP	–	234	388	485	732	885	–	–	320	1.61	585	2.33	6.13	187-254 V, 50 Hz *	S
NL7.3MF	105G6772	MBP	–	293	477	596	895	1081	–	–	394	1.64	716	2.32	7.27	187-254 V, 50 Hz *	F1
NL8.4MF ●	105G7802	MBP	–	343	551	686	1028	1240	–	–	456	1.64	822	2.27	8.35	187-254 V, 50 Hz *	F1
NL10MF	105G6885	MBP	–	428	687	853	1273	1534	–	–	569	1.64	1019	2.27	10.09	187-254 V, 50 Hz *	F1
NLE12.6MF.2	105G6387	L/MBP	241	545	895	1120	1671	–	355	1.48	738	1.98	1341	2.66	12.55	198-254 V, 50 Hz *	F2
NLE12.6MFT	105G6388	L/MBP	241	545	895	1120	1671	–	355	1.48	738	1.98	1341	2.66	12.55	187-254 V, 50 Hz *	F2
FR6G	103G6660	L/M/HBP	–	212	360	453	687	–	120	1.04	296	1.59	548	2.20	6.23	187-254 V, 50 Hz *	F1
FR7GH ●	103G6683	HBP	–	247	407	519	817	1007	0	–	334	1.60	645	2.44	6.93	198-254 V, 50 Hz *	F2
FR7.5G	103G6680	L/M/HBP	–	240	403	506	769	–	140	1.06	331	1.57	613	2.18	6.93	187-254 V, 50 Hz *	F1
FR8.5G	103G6780	L/M/HBP	–	283	473	594	898	–	172	1.08	389	1.56	718	2.15	7.95	187-254 V, 50 Hz *	F1
FR10G	103G6880	L/M/HBP	–	309	511	640	969	–	189	1.01	421	1.48	773	2.07	9.05	187-254 V, 50 Hz *	F1
SC10G ●	104G8000	L/M/HBP	30	333	603	766	1149	1368	168	0.87	493	1.59	923	2.35	10.29	187-254 V, 50 Hz *	F2
SC10GH ●	104G8041	HBP	–	289	592	761	1156	1392	–	–	481	1.56	925	2.28	10.29	198-254 V, 50 Hz *	F2
SC12FT	104G8205	LBP	129	506	802	–	–	–	321	1.15	666	1.64	–	–	12.87	187-254 V, 50 Hz *	F1
SC15FT	104G8505	LBP	157	606	958	–	–	–	386	1.18	796	1.65	–	–	15.28	187-254 V, 50 Hz *	F2
SC12G ●	104G8240	L/M/HBP	81	433	749	954	1471	1791	248	1.03	614	1.60	1170	2.29	12.87	187-254 V, 50 Hz *	F2
SC12G	104G8245	MBP	–	461	865	1128	1805	–	–	–	702	1.65	1422	2.45	12.87	187-254 V, 60 Hz	F2
SC12GH ●	104G8261	HBP	–	377	718	936	1489	1835	–	–	583	1.51	1175	2.34	12,87	198-254 V, 50 Hz *	F2
SC15G ●	104G8520	L/M/HBP	–	527	904	1127	1669	1998	260	1.01	745	1.56	1341	2.20	15.28	187-254 V, 50 Hz *	F2
SC15G	104G8526	MBP	–	583	1035	1303	1953	–	–	–	850	1.67	1565	2.38	15.28	187-254 V, 60 Hz	F2
SC15GH ●	104G8561	HBP	–	377	718	936	1489	1835	–	–	583	1.51	1175	2.34	12,87	198-254 V, 50 Hz *	F2
SC18FTX	104G8805	LBP	181	703	1113	–	–	–	448	1.17	924	1.68	–	–	17.69	187-254 V, 50 Hz *	F2
SC18G ●	104G8820	L/M/HBP	–	658	1081	1348	2011	2417	397	1.13	893	1.58	1612	2.21	17.69	187-254 V, 50 Hz *	F2
SC18G	104G8823	MBP	–	711	1186	1500	2315	–	–	–	976	1.76	1838	2.51	17.69	187-254 V, 60 Hz	F2
SC18GH ●	104G8861	HBP	–	602	1025	1302	2015	2465	–	–	841	1.74	1599	2.57	17.69	198-254 V, 50 Hz *	F2
SC18MFX	104G8804	MBP	–	685	1107	1380	2076	–	434	1.15	916	1.63	1660	2.28	17.69	187-254 V, 50 Hz *	F2
SC21FTX	104G8106	LBP	298	990	1563	–	–	–	641	1.29	1298	1.69	–	–	20.95	187-254 V, 60 Hz	F2
SC21G ●	104G8140	L/M/HBP	–	755	1261	1579	2352	2810	461	1.23	1039	1.68	1889	2.40	20,95	187-254 V, 50 Hz *	F2
SC21G	104G8143	L/M/HBP	–	815	1419	–	–	–	446	1.08	1164	1.66	–	–	20.95	198-254 V, 60 Hz	F2

Electrical equipment

Dimensions: Height [mm] A	B	Connectors location/I.D. [mm] Suction C (I.D.)	Process D (I.D.)	Discharge E (I.D.)	alt. connectors available	LST (RSIR & RSCR) refer to data sheet for more info: PTC starting device Spades 6.3 mm	4.8 mm	PTC starting device with RC connector Spades 6.3 mm	4.8 mm	ePTC Spades 4.8 mm	Run capacitor (RC) → optional → compulsory* Spades 6.3 mm	4.8 mm	HST (CSIR & CSR) *alt. cable lengths avail. Starting relay Spades 6.3 mm	Starting capacitor Spades 6.3 mm	Starting device* Spades 6.3 mm	LST/HST Cord relief	Cover
137	135	6.2	6.2	5	X	103N0011	103N0018	–	–	–	–	–	117U6021	117U5014	–	103N1010	103N0491
163	159	6.2	6.2	5	X	103N0011	103N0018	–	–	–	–	–	117U6007	117U5014	–	103N1010	103N2011
163	159	6.2	6.2	5	X	103N0011	103N0018	–	–	–	–	–	117U6009	117U5014	–	103N1010	103N2010
173	169	6.2	6.2	5	X	103N0011	103N0018	–	–	–	–	–	117U6004	117U5014	–	103N1010	103N2010
173	169	6.2	6.2	5	–	–	–	–	–	–	–	–	117U6000	117U5014	–	103N1010	103N2011
173	169	6.2	6.2	5	X	103N0011	103N0018	–	–	–	–	–	117U6000	117U5014	–	103N1010	103N2010
173	169	6.2	6.2	5	X	103N0011	103N0018	103N0016	103N0021	–	117-7117	117-7119	117U6016	117U5014	–	103N1010	103N2010
173	169	6.5	6.5	5	–	103N0011	103N0018	103N0016	103N0021	–	117-7117	117-7119	117U6016	117U5014	–	103N1010	103N2010
197	191	6.2	6.2	5	–	103N0011	103N0018	–	–	–	–	–	117U6000	117U5015	–	103N1010	103N2010
203	197	8.2	6.5	6.5	X	–	–	–	–	–	–	–	117U4140	117U5018	–	117U0349	117U1023
203	197	8.2	6.5	6.5	X	–	–	–	–	–	–	–	117U4139	117U5018	–	117U0349	117U1021
190	184	8.2	6.2	6.2	X	103N0011	103N0018	–	–	–	–	–	117U6015	117U5015	–	103N1010	103N2011
197	191	8.2	6.2	6.2	X	103N0011	103N0018	–	–	–	–	–	117U6016	117U5015	–	103N1010	103N2011
197	191	8.2	6.2	6.2	X	103N0011	103N0018	–	–	–	–	–	117U6016	117U5015	–	103N1010	103N2011
203	197	8.2	6.2	6.2	X	103N0011	103N0018	–	–	–	–	–	117U6022	117U5018	–	103N1010	103N2011
203	197	8.2	6.2	6.2	–	–	–	–	–	103N0050	–	117-7119	117U6005	117U5015	–	103N1010	103N2010
203	197	8.2	6.2	6.2	–	–	–	–	–	103N0050	–	117-7119	117U6005	117U5015	–	103N1010	103N2010
196	191	8.2	6.2	6.2	–	103N0011	103N0018	–	–	–	–	–	117U6000	117U5015	–	103N1010	103N2010
196	191	8.2	6.2	8.2	–	–	–	–	–	–	–	–	117U6016	117U5015	–	103N1010	103N2011
196	191	8.2	6.2	6.2	X	103N0011	103N0018	–	–	–	–	–	117U6001	117U5015	–	103N1010	103N2010
196	191	8.2	6.2	6.2		103N0011	103N0018	–	–	–	–	–	117U6015	117U5015	–	103N1010	103N2010
196	191	8.2	6.2	6.2	X	103N0011	103N0018	–	–	–	–	–	117U6010	117U5015	–	103N1010	103N2010
199	193	8.2	6.2	6.2	–	103N0011	–	–	–	–	–	–	117U6002	117U5017	–	103N1004	103N2009
209	203	10.2	6.2	8.2	–	–	–	–	–	–	–	–	117U6005	117U5017	–	103N1004	103N2008
209	203	8.2	6.2	6.2	–	103N0011	–	–	–	–	–	–	117U6003	117U5017	–	103N1004	103N2009
209	203	10.2	6.2	6.2	X	103N0011	–	–	–	–	–	–	117U6005	117U5017	–	103N1004	103N2009
209	203	8.2	6.2	6.2	X	103N0011	–	–	–	–	–	–	117U6003	117U5017	–	103N1004	103N2009
209	203	10.2	6.5	6.5	X	–	–	–	–	–	–	–	–	117U5373	117-7039	103N1004	103N2008
209	203	10.2	6.2	8.2	–	–	–	–	–	–	–	–	–	117U5373	117-7039	103N1004	103N2008
209	203	10.2	6.2	6.2	–	–	–	–	–	–	–	–	117U6019	117U5017	117-7027	103N1004	103N2008
219	213	10.2	6.2	6.2	–	–	–	–	–	–	–	–	–	117U5373	117-7039	103N1004	103N2008
219	213	10.2	6.2	6.2	X	–	–	–	–	–	–	–	–	117U5373	117-7029	103N1004	103N2009
219	213	10.2	6.2	6.2	X	–	–	–	–	–	117-7121*	–	117-7427	117U5373	117-7039	103N1004	103N2008

K-Series AT · R134a · 200-240 V · 50 Hz

Compressor	Code number	Application	ASHRAE Capacity [W] Tc=54.4°C, Tliq=32.2°C, Tsuc=32.2°C Evaporating temperature [°C]						ASHRAE LBP rating point -23.3°C / 54.4°C		ASHRAE MBP rating point -6.7°C / 54.4°C		ASHRAE HBP rating point 7.2°C / 54.4°C		Displacement	Voltage and frequencies (*dual frequency type with 50/60 Hz)	Compressor cooling (refer to data sheet)
			-35	-15	-5	0	10	15	Cooling capacity	COP	Cooling capacity	COP	Cooling capacity	COP			
									[W]	[W/W]	[W]	[W/W]	[W]	[W/W]	[cm³]		
GTK55AT	CDO00153	LBP	69	261					170	1.55	–	–	–	–	5.60	170-264 V, 50 Hz	S
GTK70AT	CDO00154	LBP	97	311					205	1.60	–	–	–	–	6.64	170-264 V, 50 Hz	S
GTK80AT	CDO00155	LBP	107	352					232	1.60	–	–	–	–	7.70	170-264 V, 50 Hz	S

Electrical equipment · Spare parts · Accessories

Dimensions: Height [mm] A	B	Connectors location [mm] Suction C (I.D.)	Process D (O.D.)	Discharge E (I.D.)	alt. connectors available	Run capacitor → optional → compulsory* Spades 4.8 | 6.3 mm	Terminal board → PTC → external protector Spades 4.8 mm	6.3 mm	Terminal board → ePTC → external protector Spades 4.8 mm	Cable clamp screws not included	Cover V0 material optional	Evaporation tray plastic	All-in-one equipment → cover → cable clamp + screws → earthing screw
167	–	6.15	6.00	5.15	X	4 µF	ZCFC	DCFC	–	113410_	157595_	162991_	161680_
167	–	6.15	6.00	5.15	X	4 µF	DCFP	DCFC	–	113410_	157595_	162991_	161680_
170	–	6.15	6.00	5.15	X	4 µF	DCFP	DCFC	–	113410_	157595_	162991_	161680_

● Alternative refrigerant R513A, please refer to our data sheets

R513A

R404A/R507 · 220-240 V · 50 Hz

Electrical equipment

Compressor	Code number	Application	ASHRAE Capacity [W] Tc=54.4°C, Tliq=32.2°C, Tsuc=32.2°C Evaporating temperature [°C]						ASHRAE LBP rating point -23.3°C / 54.4°C		ASHRAE MBP rating point -6.7°C / 54.4°C		ASHRAE HBP rating point 7.2°C / 54.4°C		Displacement	Voltage and frequencies (*dual frequency type with 50/60 Hz)	Compressor cooling (refer to data sheet)
			-35	-15	-5	0	10	15	Cooling capacity	COP	Cooling capacity	COP	Cooling capacity	COP			
									[W]	[W/W]	[W]	[W/W]	[W]	[W/W]	[cm³]		
TL4CL ●	102U2071	LBP	75	240	390	–	–	–	152	1.03	310	1.39	–	–	3.86	198-254 V, 50 Hz	F2
NL7CLX ●	105F3710	LBP	200	576	876	–	–	–	388	1.31	704	1.60	–	–	7.27	198-254 V, 50 Hz	F2
NL8.4CLX	105F3800	LBP	218	627	953	–	–	–	422	1.28	765	1.54	–	–	8.35	198-254 V, 50 Hz	F2
NL9CLX	105F3802	LBP	236	674	–	–	–	–	457	1.34	–	–	–	–	8.35	198-254 V, 50 Hz	F2
FR6CL	103U2670	LBP	149	393	605	–	–	–	268	1.04	484	1.19	–	–	6.23	198-254 V, 50 Hz	F2
FR6DL	103U2680	M/HBP	–	403	599	730	1058	–	–	–	481	1.20	819	1.57	6.23	198-254 V, 50 Hz	F2
FR7.5CL	103U2790	LBP	158	433	657	–	–	–	294	1.03	528	1.15	–	–	6.93	198-254 V, 50 Hz	F2
FR8.5CL	103U2890	LBP	171	492	–	–	–	–	332	0.98	–	–	–	–	7.95	198-254 V, 50 Hz	F2
SC10CL ●	104L2523	LBP	116	615	1014	–	–	–	366	1.10	811	1.43	–	–	10.29	198-254 V, 50 Hz	F2
SC10DL	104L2525	M/HBP	–	644	1051	1300	1916	2295	–	–	837	1.51	1478	2.15	10.29	198-254 V, 50 Hz	F2
SC12CL ●	104L2623	LBP	165	857	1397	–	–	–	516	1.10	1112	1.50	–	–	12.87	198-254 V, 50 Hz	F2
SC12DL	104L2625	M/HBP	–	865	1407	1728	2508	2984	–	–	1122	1.57	1942	2.26	12.87	198-254 V, 50 Hz	F2
SC15CL ●	104L2853	LBP	180	1101	1678	–	–	–	697	1.20	1349	1.50	–	–	15.28	198-254 V, 50 Hz	F2
SC15CLX.2	104L2896	LBP	339	1097	–	–	–	–	724	1.18	–	–	–	–	15.28	198-254 V, 50 Hz	F2
SC15DL	104L2856	M/HBP	–	1034	1641	2012	2928	3492	–	–	1311	1.56	2265	2.25	15.28	198-254 V, 50 Hz	F2
SC15MLX	104L2869	MBP	–	1117	1718	2102	–	–	762	1.20	1375	1.56	2371	2.16	15.28	198-254 V, 50 Hz	F2
SC18CL ●	104L2123	LBP	374	1220	1882	–	–	–	803	1.22	1508	1.50	–	–	17.69	198-254 V, 50 Hz	F2
SC18CLX.2	104L2197	LBP	415	1343	–	–	–	–	886	1.20	–	–	–	–	17.69	198-254 V, 50 Hz	F2
SC18MLX	104L2139	MBP	–	1306	2001	2446	–	–	894	1.27	1603	1.64	2757	2.27	17.69	198-254 V, 50 Hz	F2
SC18MLX.3	104L2146	MBP	–	1384	2097	2552	–	–	959	1.34	1683	1.67	2862	2.28	17.68	198-254 V, 50 Hz	F2
SC21CL ●	104L2322	LBP	442	1386	–	–	–	–	905	1.18	–	–	–	–	20.95	198-254 V, 50 Hz	F2
SC10/10CL	104L4087	LBP	264	1327	2157	–	–	–	803	1.13	1717	1.45	–	–	20.58	198-254 V, 50 Hz	F2
SC10/10DL	104L4091	M/HBP	–	1288	2103	2601	3832	4590	–	–	1674	1.51	2955	2.15	20.58	198-254 V, 50 Hz	F2
SC12/12CL	104L4088	LBP	330	1715	2794	–	–	–	1032	1.10	2224	1.50	–	–	25.74	198-254 V, 50 Hz	F2
SC12/12DL	104L4092	M/HBP	–	1730	2814	3456	5016	5967	–	–	2244	1.57	3885	2.26	25.74	198-254 V, 50 Hz	F2
SC15/15CL	104L4089	LBP	360	2202	3356	–	–	–	1395	1.20	2699	1.50	–	–	30.56	198-254 V, 50 Hz	F2
SC15/15DL	104L4093	M/HBP	–	2068	3282	4024	5856	6983	–	–	2622	1.56	4529	2.25	30.56	198-254 V, 50 Hz	F2
SC18/18CL	104L4090	LBP	748	2440	3762	–	–	–	1606	1.22	3016	1.50	–	–	35.38	198-254 V, 50 Hz	F2
SC18/18CLX.2	104L4035	LBP	823	2670	–	–	–	–	1761	1.20	–	–	–	–	35.36	198-254 V, 50 Hz	F2
SC18/18MLX	104L4100	MBP	748	2440	3762	–	–	–	1606	1.22	3016	1.50	–	–	35.38	198-254 V, 50 Hz	F2
SC21/21CL ●	104L4094	LBP	884	2773	–	–	–	–	1810	1.18	–	–	–	–	41.90	198-254 V, 50 Hz	F2
GS21MLX	107B0502	MBP	–	1578	2486	3070	–	–	–	–	1984	1.79	3514	2.53	21.20	198-254 V, 50 Hz	F2
GS26CLX	107B0500	LBP	614	2017	–	–	–	–	1323	1.35	–	–	–	–	26.30	198-254 V, 50 Hz	F2
GS26MLX ●	107B0503	MBP	–	1925	2987	3643	–	–	1239	1.33	2392	1.72	4085	2.34	26.30	198-254 V, 50 Hz	F2
GS34CLX	107B0501	LBP	943	2874	4412	–	–	–	1917	1.45	3537	1.74	–	–	33.80	198-254 V, 50 Hz	F2

Dimensions						LST (RSIR & RSCR) refer to data sheet for more info							HST (CSIR & CSR) *alt. cable lengths avail.			LST/HST	
Height [mm]		Connectors location/I.D. [mm]			alt. connectors available	PTC starting device		PTC starting device with RC connector		ePTC	→ optional → compulsory*		Starting relay	Starting capacitor	Starting device*	Cord relief	Cover
		Suction	Process	Discharge		Spades		Spades		Spades	Spades		Spades		Spades		
A	B	C (I.D.)	D (I.D.)	E (I.D.)		6.3 mm	4.8 mm	6.3 mm	4.8 mm	4.8 mm	6.3 mm	4.8 mm	6.3 mm	6.3 mm	6.3 mm		
173	169	6.2	6.2	5	–	–	–	–	–	–	–	–	117U6000	117U5014	–	103N1010	103N2010
203	197	8.2	6.2	6.2	X	–	–	–	–	–	–	–	117U6002	117U5015	–	103N1010	103N2010
203	197	8.2	6.2	6.2	X	103N0011	103N0018	–	–	–	–	–	117U6003	117U5015	–	103N1010	103N2010
203	197	8.2	6.2	6.2	–	–	–	–	–	–	–	–	117U6003	117U5015	–	103N1010	103N2010
196	191	8.2	6.2	6.2	X	–	–	–	–	–	–	–	117U6015	117U5015	–	103N1010	103N2010
196	191	8.2	6.2	6.2	–	–	–	–	–	–	–	–	117U6010	117U5015	–	103N1010	103N2010
196	191	8.2	6.2	6.2	–	–	–	–	–	–	–	–	117U6016	117U5015	–	103N1010	103N2010
196	191	8.2	6.2	6.2	X	–	–	–	–	–	–	–	117U6010	117U5015	–	103N1010	103N2010
209	203	8.2	6.2	6.2	X	–	–	–	–	–	–	–	117U6003	117U5017	–	103N1004	103N2009
209	203	8.2	6.2	6.2	X	–	–	–	–	–	–	–	117U6005	117U5017	–	103N1004	103N2009
209	203	8.2	6.2	6.2	X	–	–	–	–	–	–	–	117U6005	117U5017	–	103N1004	103N2009
219	213	10.2	6.2	6.2	X	–	–	–	–	–	–	–	117U6019	117U5017	–	103N1004	103N2009
219	213	10.2	6.2	6.2	X	–	–	–	–	–	–	–	117U6019	117U5017	–	103N1004	103N2009
219	213	10.2	6.2	6.2	X	–	–	–	–	–	–	–	117U6019	117U5017	–	103N1004	103N2009
219	213	10.2	6.2	6.2	X	–	–	–	–	–	–	–	–	117U5373	117-7029	103N1004	103N2009
219	213	10.2	6.2	6.2	–	–	–	–	–	–	–	–	117U6013	117U5012	–	103N1004	103N2009
219	213	10.2	6.2	6.2	X	–	–	–	–	–	–	–	–	117U5373	117-7027	103N1004	103N2009
219	213	10.2	6.2	6.2	X	–	–	–	–	–	–	–	117U6013	117U5012	–	103N1004	103N2009
219	213	10.2	6.2	6.2	–	–	–	–	–	–	–	–	–	117U5373	117-7027	103N1004	103N2009
219	213	10.2	6.2	6.2	–	–	–	–	–	–	–	–	–	–	117-7027	103N1004	103N2009
219	213	10.2	6.2	6.2	X	–	–	–	–	–	–	–	–	117U5373	117-7027	103N1004	103N2009
249	244	12	6.2	6.2	–	–	–	–	–	–	–	–	117U6003	117U5017	–	103N1004	103N2009
249	244	12	6.2	6.2	–	–	–	–	–	–	–	–	117U6005	117U5017	–	103N1004	103N2009
249	244	12	6.2	6.2	–	–	–	–	–	–	–	–	117U6005	117U5017	–	103N1004	103N2009
259	254	12	6.2	6.2	–	–	–	–	–	–	–	–	117U6019	117U5017	–	103N1004	103N2009
259	254	12	6.2	6.2	X	–	–	–	–	–	–	–	117U6019	117U5017	–	103N1004	103N2009
259	254	16	6.2	6.2	–	–	–	–	–	–	–	–	–	117U5373	117-7029	103N1004	103N2009
259	254	16	6.2	6.2	–	–	–	–	–	–	–	–	–	–	117-7027	103N1004	103N2009
259	254	12	6.2	6.2	–	–	–	–	–	–	–	–	117U6013	117U5012	–	103N1004	103N2009
259	254	10.2	6.2	6.2	–	–	–	–	–	–	–	–	–	117U5373	117-7027	103N1004	103N2009
259	254	16	6.2	6.2	–	–	–	–	–	–	–	–	–	117U5373	117-7027	103N1004	103N2009
259	247	16.1	6.5	9.7	–	–	–	–	–	–	–	–	–	–	117-7070	–	107B9101
259	247	12.9	6.5	8.2	–	–	–	–	–	–	–	–	–	–	117-7056	–	107B9101
279	267	16.1	6.5	9.7	–	–	–	–	–	–	–	–	–	–	117-7072	–	107B9101
279	267	12.9	6.5	8.2	X	–	–	–	–	–	–	–	–	–	117-7074	–	107B9101

● Alternative refrigerant R452A, please refer to our data sheets

R452A

R404A/R507 · 220-240 V · 50/60 Hz | 208-230 V · 60 Hz

Electrical equipment

Compressor	Code number	Application	ASHRAE Capacity [W] Tc=54.4°C, Tliq=32.2°C, Tsuc=32.2°C Evaporating temperature [°C]						ASHRAE LBP rating point -23.3°C / 54.4°C		ASHRAE MBP rating point -6.7°C / 54.4°C		ASHRAE HBP rating point 7.2°C / 54.4°C		Displacement	Voltage and frequencies (*dual frequency type with 50/60 Hz)	Compressor cooling (refer to data sheet)
			-35	-15	-5	0	10	15	Cooling capacity	COP	Cooling capacity	COP	Cooling capacity	COP			
									[W]	[W/W]	[W]	[W/W]	[W]	[W/W]	[cm³]		
NF7MLX	105F3720	MBP	–	547	851	1039	1503	–	–	–	682	1.49	1164	2.12	7.27	187-254 V, 50 Hz *	F2
NL6.1MLX	105F3611	MBP	–	455	711	869	–	–	291	1.14	569	1.61	975	2.31	6.13	187-254 V, 50 Hz *	F2
SC10CLX	104L2533	L/MBP	130	655	1064	–	–	–	396	1.11	847	1.51	–	–	10.29	198-254 V, 50 Hz *	F2
SC10MLX	104L2506	MBP	–	722	1127	1380	–	–	–	–	902	1.54	1553	2.18	10.29	187-254 V, 50 Hz *	F2
SC12CLX	104L2695	LBP	226	1097	–	–	–	–	698	1.23	–	–	–	–	12.87	198-254 V, 60 Hz	F2
SC12CLX.2	104L2699	LBP	317	1085	–	–	–	–	707	1.27	–	–	–	–	12.87	187-254 V, 60 Hz	F2
SC12CLX.2	104L2697	LBP	278	899	–	–	–	–	593	1.15	–	–	–	–	12.87	198-254 V, 50 Hz *	F2
SC12MLX ●	104L2606	MBP	–	886	1369	1670	–	–	584	1.15	1096	1.56	1873	2.18	12.87	187-254 V, 50 Hz *	F2
SC15CLX	104L2854	LBP	235	1213	–	–	–	–	774	1.23	–	–	–	–	15.28	198-254 V, 60 Hz	F2
SC15CLX.2 ●	104L2897	LBP	413	1337	–	–	–	–	882	1.33	–	–	–	–	15.28	187-254 V, 60 Hz	F2
SC15MLX.2	104L2803	MBP	–	1233	1896	2320	–	–	841	1.20	1518	1.56	2617	2.16	15.28	187-254 V, 60 Hz	F2
SC18CLX.2	104L2195	LBP	520	1554	–	–	–	–	1114	1.39	–	–	–	–	17.69	187-254 V, 60 Hz	F2
SC18MLX	104L2138	MBP	–	1521	2328	2839	–	–	1033	1.18	1866	1.47	3186	1.99	17.69	187-254 V, 60 Hz	F2
SC12/12CLX	104L4034	LBP	450	2182	–	–	–	–	1389	1.23	–	–	–	–	25.74	198-254 V, 60 Hz	F2
GS21CLX	107B0506	LBP	584	1918	–	–	–	–	1258	1.35	–	–	–	–	21.20	187-254 V, 60 Hz	F2
GS21MLX ●	107B0509	MBP	–	2043	3134	3819	–	–	1345	1.46	2513	1.86	4293	2.55	21.20	187-254 V, 60 Hz	F2
GS26CLX	107B0505	LBP	719	2114	–	–	–	–	1425	1.21	–	–	–	–	26.30	187-254 V, 60 Hz	F2

Dimensions						LST (RSIR & RSCR) refer to data sheet for more info							Run capacitor (RC)		HST (CSIR & CSR) *alt. cable lengths avail.			LST/HST	
Height [mm]		Connectors location/I.D. [mm]			alt. connectors available	PTC starting device		PTC starting device with RC connector		ePTC	→ optional → compulsory*		Starting relay	Starting capacitor	Starting device*		
		Suction	Process	Discharge		Spades		Spades		Spades	Spades		Spades		Spades	Cord relief	Cover
A	B	C (I.D.)	D (I.D.)	E (I.D.)		6.3 mm	4.8 mm	6.3 mm	4.8 mm	4.8 mm	6.3 mm	4.8 mm	6.3 mm	6.3 mm	6.3 mm		
203	197	9.7	6.5	6.5	X	–	–	–	–	–	–	–	117U4139	117U5018	–	117U0349	117U1021
203	197	8.2	6.5	6.5	X	–	–	–	–	–	–	–	117U6022	117U5015	–	103N1010	103N2011
209	203	8.2	6.2	6.2	X	–	–	–	–	–	–	–	117U6005	117U5017	–	103N1004	103N2008
209	203	8.2	6.5	6.5	–	–	–	–	–	–	–	–	117U6011	117U5017	–	103N1004	103N2008
219	213	8.2	6.2	6.2	X	–	–	–	–	–	–	–	117U6019	117U5017	–	103N1004	103N2008
219	213	9.63	6.5	6.5	X	–	–	–	–	–	–	–	–	–	117-7027	103N1004	103N2008
219	213	8.2	6.2	6.2	X	–	–	–	–	–	–	–	117U6019	117U5017	–	103N1004	103N2008
219	213	8.2	6.5	6.5	–	–	–	–	–	–	–	–	117U6011	117U5017	–	103N1004	103N2008
219	213	10.2	6.2	6.2	–	–	–	–	–	–	–	–	–	117U5373	117-7039	103N1004	103N2008
219	213	9.63	6.5	6.5	X	–	–	–	–	–	–	–	–	117U5373	117-7039	103N1004	103N2008
219	213	9.63	6.5	6.5	–	–	–	–	–	–	–	–	–		117-7058	103N1004	103N2008
219	213	9.63	6.5	6.5	X	–	–	–	–	–	–	–	–	117U5373	117-7066	103N1004	103N2008
219	213	9.63	6.5	6.5	–	–	–	–	–	–	–	–	–		117-7066	103N1004	103N2008
259	254	12	6.2	6.2	–	–	–	–	–	–	–	–	117U6019	117U5017	–	103N1004	103N2009
259	247	12.9	6.5	8.2	–	–	–	–	–	–	–	–	–	–	117-7073	–	107B9101
279	267	12.9	6.5	9.7	–	–	–	–	–	–	–	–	–	–	117-7073	–	107B9106
279	267	12.9	6.5	8.2	–	–	–	–	–	–	–	–	–	–	117-7073	–	107B9101

R407C · 220-240 V · 50 Hz

Electrical equipment

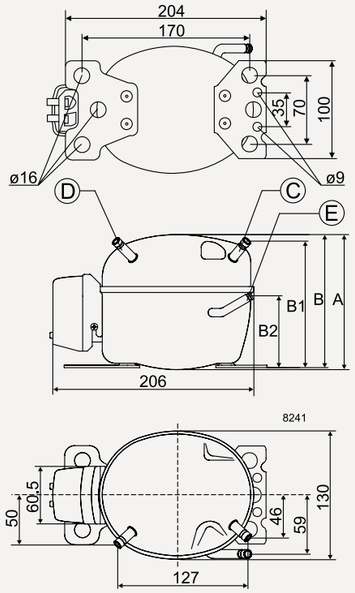
Compressor	Code number	Application	ASHRAE Capacity [W] Tc=54.4°C, Tliq=32.2°C, Tsuc=32.2°C Evaporating temperature [°C]						ASHRAE LBP rating point -23.3°C / 54.4°C		ASHRAE MBP rating point -6.7°C / 54.4°C		ASHRAE HBP rating point 7.2°C / 54.4°C		Displacement	Voltage and frequencies (*dual frequency type with 50/60 Hz)	Compressor cooling (refer to data sheet)
			-35	-15	-5	0	10	15	Cooling capacity	COP	Cooling capacity	COP	Cooling capacity	COP			
									[W]	[W/W]	[W]	[W/W]	[W]	[W/W]	[cm³]		
SC10DL	104L2525	M/HBP	–	469	842	1074	1653	2013	–	–	685	1.57	1308	2.32	10.29	198-254 V, 50 Hz	F2
SC12DL	104L2625	M/HBP	–	621	1087	1385	2144	2620	–	–	886	1.58	1692	2.38	12.87	198-254 V, 50 Hz	F2
SC15DL	104L2856	M/HBP	–	782	1351	1709	2612	3174	–	–	1104	1.70	2069	2.59	15.28	198-254 V, 50 Hz	F2
SC10/10DL	104L4091	M/HBP	–	937	1685	2148	3307	4026	–	–	1371	1.57	2615	2.32	20.58	198-254 V, 50 Hz	F2
SC12/12DL	104L4092	M/HBP	–	1241	2174	2769	4287	5239	–	–	1772	1.58	3384	2.38	25.74	198-254 V, 50 Hz	F2
SC15/15DL	104L4093	M/HBP	–	1563	2703	3419	5224	6348	–	–	2208	1.70	4137	2.59	30.56	198-254 V, 50 Hz	F2

Dimensions						LST (RSIR & RSCR) refer to data sheet for more info							Run capacitor (RC)		HST (CSIR & CSR) *alt. cable lengths avail.			LST/HST	
Height [mm]		Connectors location/I.D. [mm]			alt. connectors available	PTC starting device		PTC starting device with RC connector		ePTC	→ optional → compulsory*		Starting relay	Starting capacitor	Starting device*		
		Suction	Process	Discharge		Spades		Spades		Spades	Spades		Spades		Spades	Cord relief	Cover
A	B	C (I.D.)	D (I.D.)	E (I.D.)		6.3 mm	4.8 mm	6.3 mm	4.8 mm	4.8 mm	6.3 mm	4.8 mm	6.3 mm	6.3 mm	6.3 mm		
209	203	8.2	6.2	6.2	X	–	–	–	–	–	–	–	117U6005	117U5017	–	103N1004	103N2009
219	213	10.2	6.2	6.2	X	–	–	–	–	–	–	–	117U6019	117U5017	–	103N1004	103N2009
219	213	10.2	6.2	6.2	X	–	–	–	–	–	–	–	–	117U5373	117-7029	103N1004	103N2009
249	244	12	6.2	6.2	–	–	–	–	–	–	–	–	117U6005	117U5017	–	103N1004	103N2009
259	254	12	6.2	6.2	–	–	–	–	–	–	–	–	117U6019	117U5017	–	103N1004	103N2009
259	254	16	6.2	6.2	–	–	–	–	–	–	–	–	–	117U5373	117-7029	103N1004	103N2009

● Alternative refrigerant R452A, please refer to our data sheets

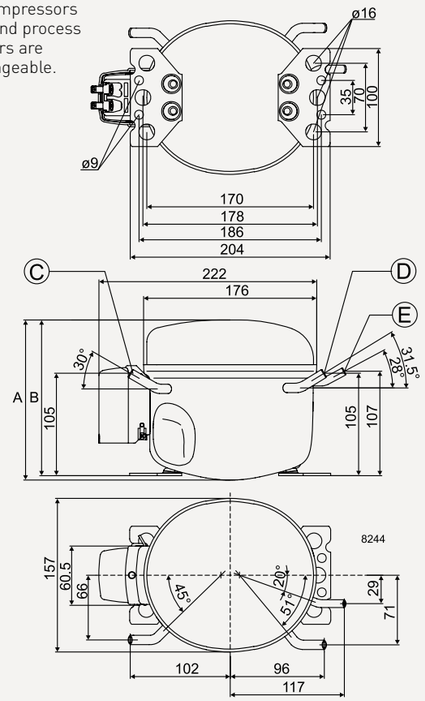
R452A

PL

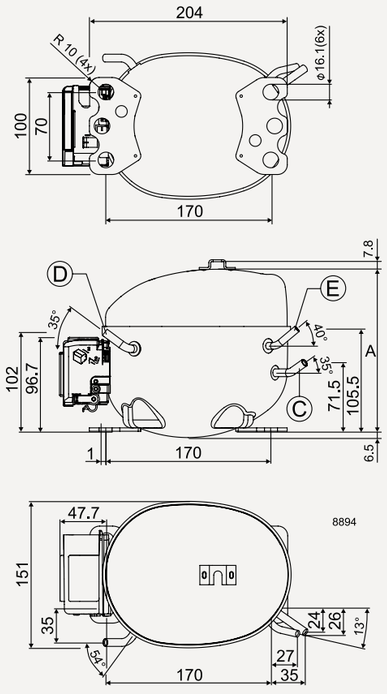


TL / TLS / TLES (TFS similar)

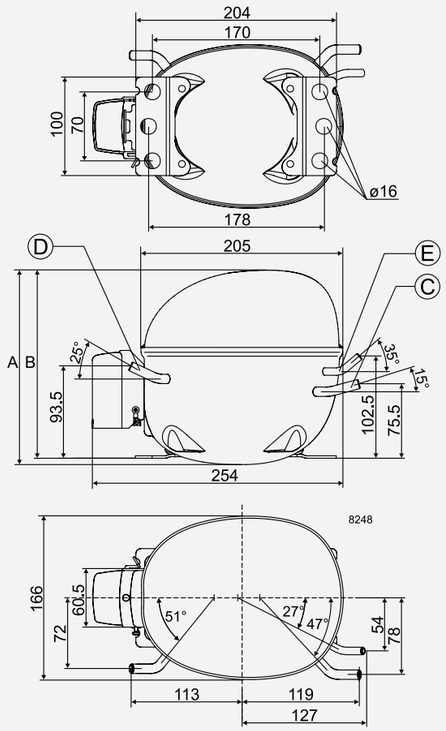
Note:
On TL compressors suction and process connectors are interchangeable.



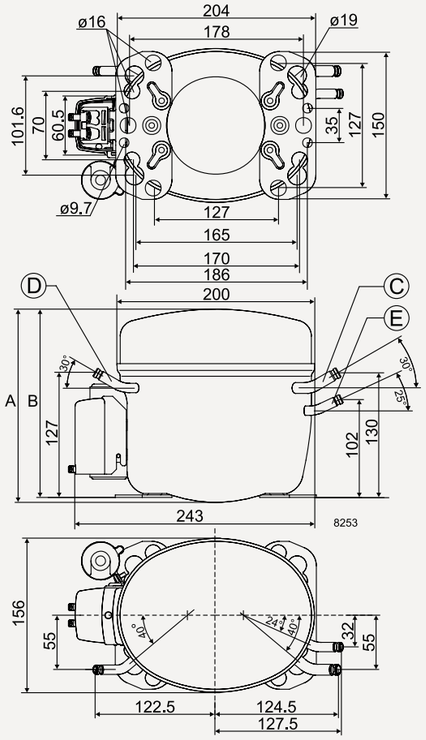
GTK (K-Series)



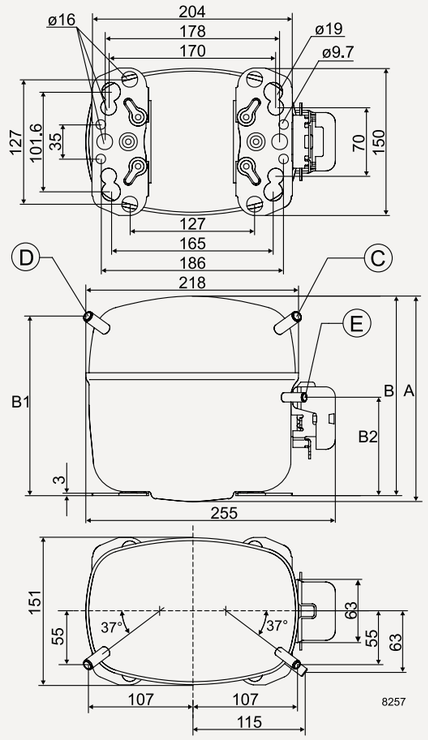
NL / NLE (NF similar)



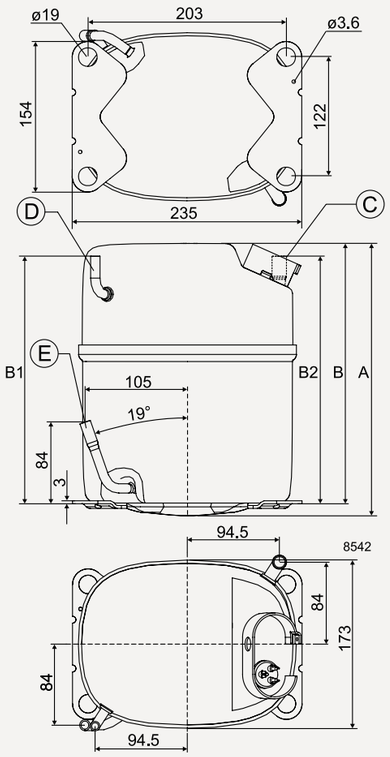
FR



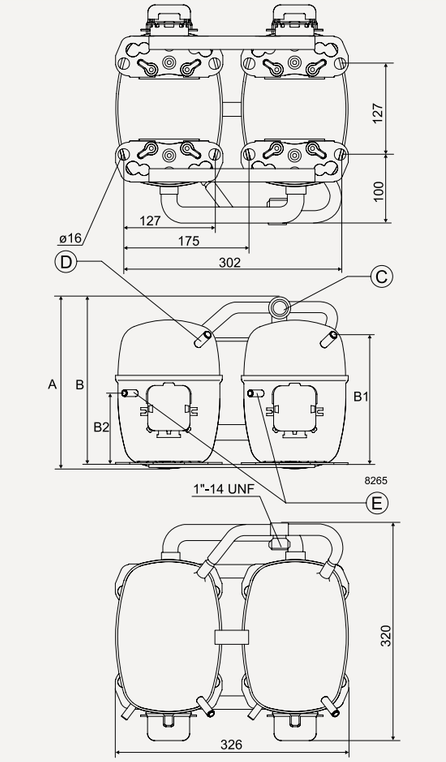
SC (SC-GHH w. additional oil cooler connector)



GS (GS34CLX has interchanged connectors)



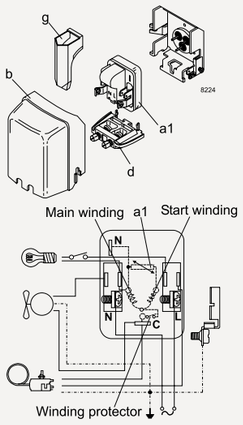
SC-Twin



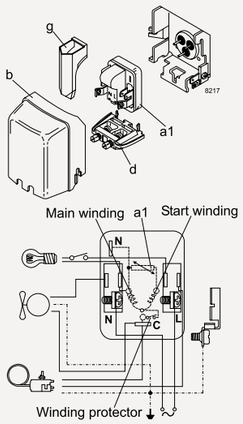
Electrical equipment · Motor systems for Secop compressors

LST - RSIR

PL-DLE

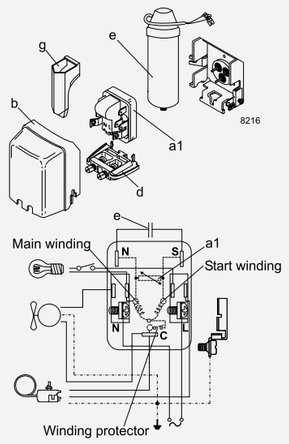


TL/TLES/TLS/TLY - NL/NLE - FR



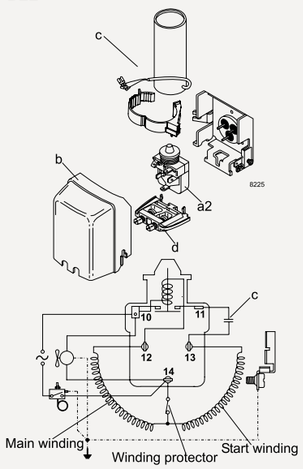
LST - RSCR

PLE - DLE/DLX/DLY

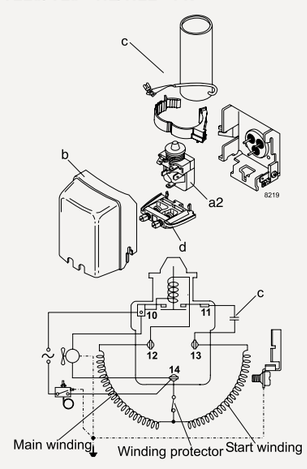


HST - CSIR

PL - DLE

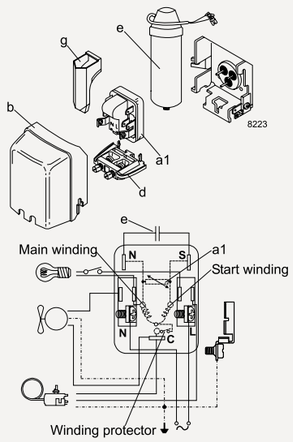


TL/TLES/TLS - NL/NLE - FR



LST - RSCR

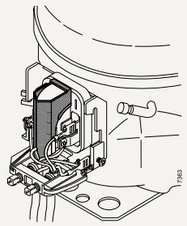
TLES/TLS/TLX/TLY - NLE/NLU/NLX/NLY



Legend

a1: PTC or ePTC starting device
a2: Starting relay
a3: Starting device
b: Cover
b1: Clamp (part of compressor)
b2: Gasket (part of compressor)
c: Starting capacitor
d: Cord relief
e: Run capacitor
f: Protector
g: Protection screen for PTC
h: Holder

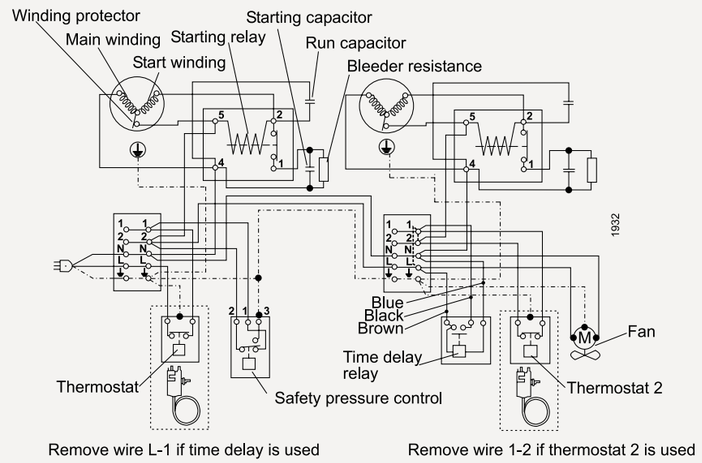
PTC protection screen



Note:
To fulfil the requirements of EN 60335-2-34 the protection screen 103N0476 must be applied to the PTC starting device.

HST - CSIR

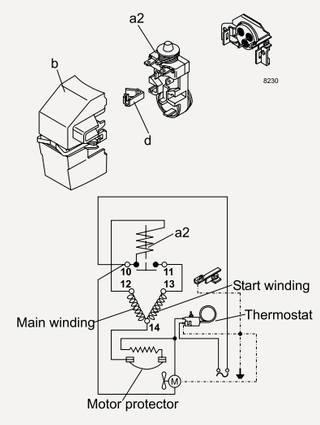
SC Twin



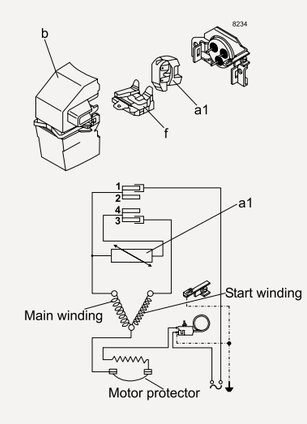
Electrical equipment · Motor systems for Secop compressors

LST - RSIR

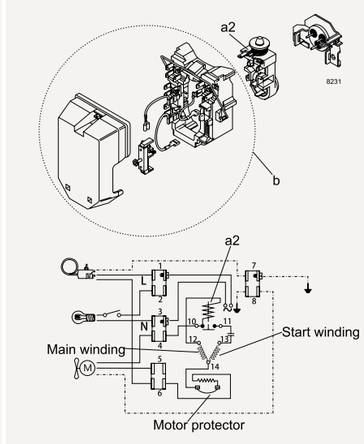
TF/TFS - NF - FF - external protector



TT - external protector

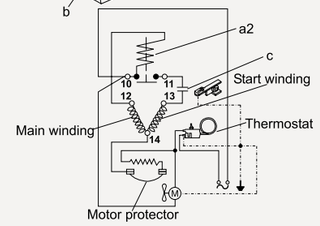


TF - NF - FF - external protector

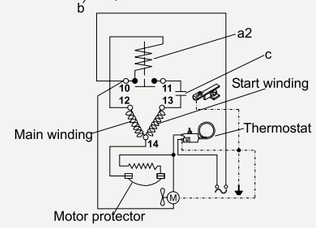


HST - CSIR

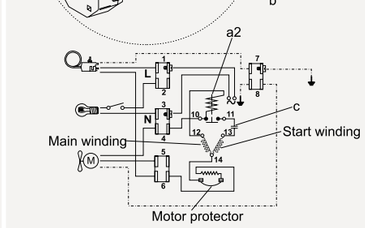
TFS - NF - FF - external protector



FF - external protector

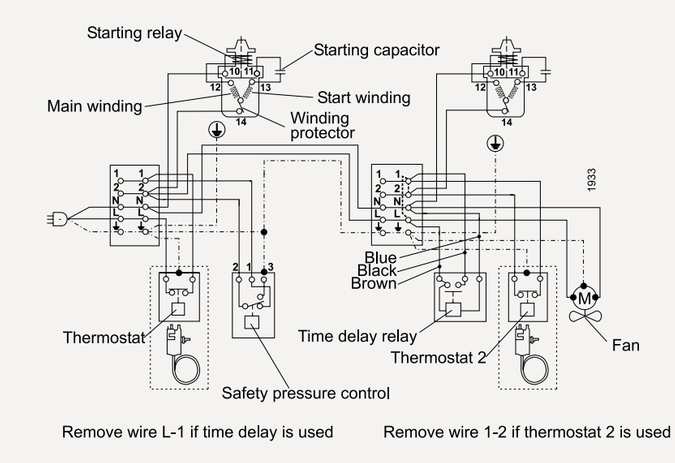


TF - NF - FF - external protector



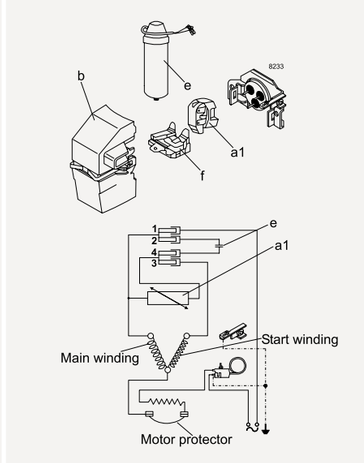
HST - CSR

SC Twin



LST - RSCR

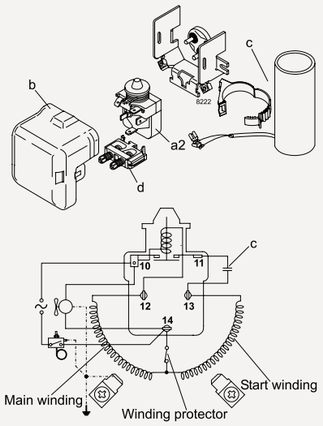
TTE/TTY - NTX/NTY - external protector



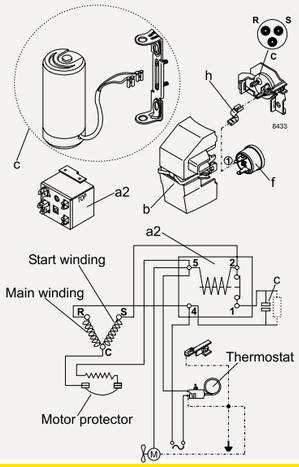
Electrical equipment · Motor systems for Secop compressors

HST - CSIR

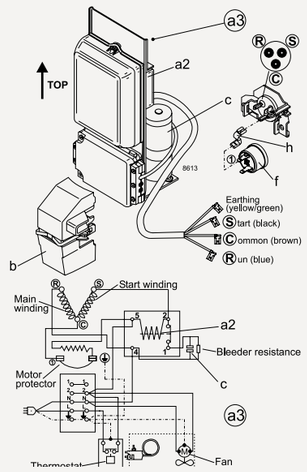
SC



SC - external protector



SC - external protector



LST - RSIR

SC

HST - CSR

SC - external protector

SC - external protector

HST - CSR

SC

SC (kit) - alternative to starting device

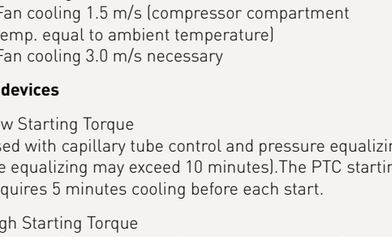
GS

Mounting accessories

Mounting	Code number	Bolt / pin dimension	Comp. base hole	Type of packaging	Compressor series	Parts list
Bolt joint	118-1917	M6 metric	16 mm	Single pack for one compressor	P- / T- / D- / N- / F- / S-Series	I
Bolt joint	118-1918	M6 metric	16 mm	Industrial pack in any quantity	P- / T- / D- / N- / F- / S-Series	I
Bolt joint	107B9150	M8 metric	19 mm	Single pack for one compressor	G-Series	II
Bolt joint	118-1946	1/4 inch	16 mm	Single pack for one compressor	P- / T- / D- / N- / F- / S-Series	III
Bolt joint	118-1949	1/4 inch	19 mm	Single pack for one compressor	all with 19 mm base holes (except G-Series)	IV
Snap-on	118-1947	Ø 7.3 mm	16 mm	Single pack for one compressor	P- / T- / D- / N- / F- / S-Series	V
					K-Series	
Snap-on	118-1919	Ø 7.3 mm	16 mm	Industrial pack in any quantity	P- / T- / D- / N- / F- / S-Series	V
					K-Series	

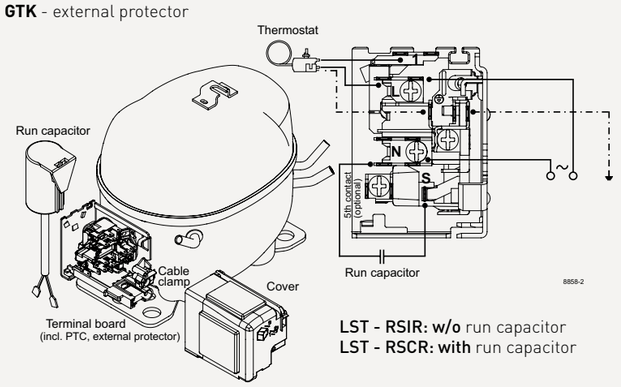
Parts list (4 pcs. per compressor needed)		
I	Sleeve Ø 8 mm x 6.4 mm x 0.8 mm	112-2052
	Washer Ø 20 mm x Ø 6.7 mm x 1 mm	112-2053
	Bolt M6 x 25 mm	681X1130
	Nut M6	118-3659
	Rubber grommet 16 mm	118-3661
II	Sleeve Ø 11 mm x 8.6 mm x 1.2 mm	107B9152
	Washer Ø 20 mm x Ø 8.8 mm x 1.2 mm	107B9155
	Bolt M8 x 40 mm	107B9153
	Nut M8	107B9154
	Rubber grommet 19 mm	107B9151
III	Sleeve Ø 8.3 mm x 6.7 mm x 0,8 mm	112-2088
	Washer Ø 20 mm x Ø 6.7 mm x 1 mm	112-2053
	Bolt 1/4 x 1 inch, 20 UNC	119-3002
	Nut 1/4 inch, 20 UNC	119-3031
	Rubber grommet 16 mm	118-3661
IV	Sleeve Ø 9.5 mm x 7.9 mm x 0,8 mm	112-2085
	Washer Ø 20 mm x Ø 6.7 mm x 1 mm	112-2053
	Bolt 1/4 x 1 1/4 inch, 20 UNC	119-3002
	Nut 1/4 inch, 20 UNC	119-3031
	Rubber grommet 19 mm	118-3666
V	Steel pin	118-3586
	Washer Ø 21 x Ø 8.1 mm x 0.9 mm	118-3588
	Clip	118-3585
	Rubber Grommet 16 mm	118-3661

Symbol drawings



Electrical equipment · Motor systems for K-Series compressors

GTK - external protector



LST - RSIR: w/o run capacitor
LST - RSCR: with run capacitor

Accessories for SC Twin

SC10/10, SC12/12 and SC15/15:	
Service valve for 12 mm tube	118-7350
Solder connector for 12 mm tube	104B0584
SC18/18 and SC21/21:	
Service valve for 16mm tube	118-7351
Solder connector for 16mm tube	118-7405
SC10/10, SC12/12, SC15/15, SC18/18 and SC21/21:	
Seal ring for service valve and solder connector	118-3638
Time delay relay	117N0001
Check valve (to be used with time delay relay)	020-1014

Further information

Applications
LBP: Low Back Pressure
HBP: High Back Pressure
MBP: Medium Back Pressure

Motor types
RSIR: Resistant Start Induction Run
RSCR: Resistant Start Capacitor Run
CSIR: Capacitor Start Induction Run
CSR: Capacitor Start Run

Compressor cooling
S = Static cooling normally sufficient
O = Oil cooling
F1 = Fan cooling 1.5 m/s (compressor compartment temp. equal to ambient temperature)
F2 = Fan cooling 3.0 m/s necessary

Starting devices

LST: Low Starting Torque
LST is used with capillary tube control and pressure equalizing. (Pressure equalizing may exceed 10 minutes).The PTC starting device requires 5 minutes cooling before each start.

HST: High Starting Torque
HST consisting of relay and starting capacitor is used for expansion valve control or for capillary tube control without pressure equalizing.

ePTC: Electronically controlled PTC
- Compressor restart possible after a few seconds
- Operational wattage loss reduced by 2 watt
- PTC protection screen not needed (surface temp. < 82 °C)

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Secop GmbH · Mads-Clausen-Str. 7 · 24939 Flensburg, Germany · Tel: +49 461 4941 0 · **www.secop.com**

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