



## HERMETIC COMPRESSORS - RECIPROCATING (CONT'D)



			Nominal Capacity (watts) @SST	-25°C	-10°C	-5°C
195B0722	BD35F	LMHBP	1/12 Nominal HP	36	70	122
195B0723	BD50F	LBP	1/12 Nominal HP	52	95	157
195B0742	BD80F	LMBP	1/12 Nominal HP	78	138	221

**Features:**

All hermetic compressors are offered as service packs and include feet mounting kit, electrical components and rotalock service valve where nominated .

**Recommended Compressor Cooling**

- S-Static cooling normally sufficient
- S1-Oil cooling & 1.5 m/s fan cooling required at 43°C ambient
- S2-Oil cooling & 1.5 m/s fan cooling required at 38°C & 43°C ambient

0-Oil cooling

F1-Fan cooling 1.5 m/s (Compressor compartment temperature equal to ambient temperature)

F2-Fan cooling 3.0 m/s necessary

F3-Not applicable below -25°C evaporating temp. in 43°C ambient temp. above 240V

**Application of HFC refrigerant alternatives should be verified with your local Kirby HVAC&R Representative.**



## DANFOSS HERMETIC COMPRESSOR SPARE PARTS

Compressor Model	PTC Starting Device -LST	Starting Current Relay - HST	Start Capacitor		CSR Starting Pack Relay + Capacitor Assy.
			P/No.	MFD	

### R404A/R507/R22 M/HBP Compressors

FR6DL	-	117U6010	117U5015	80uF	-
SC10DL	-	117U6005	117U5017	80uF	-
SC12DL	-	117U6005	117U5017	80uF	-
SC12D	-	117U6005	117U5017	80uF	-
SC15D	-	117U6005	117U5017	80uF	-
SC15DL	-	-	-	-	1177028
GS26MLX	-	-	-	-	1177072
GS34MLX	-	-	-	-	1177056

### R404A/R507 LBP Compressors

FR6CL	-	117U6015	117U5015	80uF	-
FR8.5CL	-	117U6010	117U5015	80uF	-
SC10CL	-	117U6003	117U5017	80uF	-
SC12CL	-	117U6005	117U5017	80uF	-
SC15CL	-	117U6019	117U5017	80uF	-
SC18CL	-	-	-	-	1177012
SC21CL	-	-	-	-	1177012
GS26CLX	-	-	-	-	1177056
GS34CLX	-	-	-	-	1177056

### R134a L/MBP Compressors

TL4G	103N0011	117U6004	117U5014	60uF	-
TL5G	103N0011	117U6000	117U5014	60uF	-
FR6G	103N0011	117U6000	117U5015	80uF	-
FR7.5G	103N0011	117U6001	117U5015	80uF	-
FR8.5G	103N0011	117U6015	117U5015	80uF	-
FR10G	103N0011	117U6010	117U5015	80uF	-
SC10G	103N0011	117U6002	117U5017	80uF	-
FR11G	103N0011	117U6010	117U5015	80uF	-
SC12G	103N0002	117U6003	117U5017	80uF	-
SC15G	-	117U6005	117U5017	80uF	-
SC18G	-	117U6019	117U5017	80uF	-
SC21G	-	-	-	-	1177056
GS26MFX	-	-	-	-	1177055
GS34MFX	-	-	-	-	1177056



**DANFOSS HERMETIC COMPRESSOR SPARE PARTS (CONT'D)**

Compressor Model	PTC Starting Device -LST	Starting Current Relay - HST	Start Capacitor		CSR Starting Pack Relay + Capacitor Assy.
			P/No.	MFD	

**R134a LBP Compressors**

TL5F	103N0011	117U6004	117U5014	60uF	-
NL6F	103N0012	117U6004	117U5015	80uF	-
NL7F	103N0013	117U6000	117U5015	80uF	-
NL11F	103N0014	117U6002	117U5015	80uF	-
SC15F	103N0015	117U6003	117U5017	80uF	-
SC18F	103N0016	117U6005	117U5017	80uF	-


**R12 Replacement**

FR11B	-	117U6010	117U5017	80uF	-
SC12B	103N0002	117U6003	117U5017	80uF	-
SC15B	-	117U6005	117U5017	80uF	-
SC18B	-	117U6011	117U5017	80uF	-
SC21B	-	-	-	-	1177011

**12V/24V DC R134a Compressors (Capacity rated @2000RPM)**

BD35F	101N0221 Control Module - Replacement	-
BD50F	101N0221 Control Module - Replacement	-
BD80F	101N0290 Control Module - Replacement	-

**CS COPELAND HERMETIC COMPRESSORS - REFRIGERATION**

Part Number	Nominal HP	Displ. cm <sup>3</sup> / hr	Capacity Watts			Motor Type	Motor Overload Protection	Nominal Current *MCC (A)	Oil Type
			R404A		R134a				
			-25 °C SST.	-5 °C SST.	-5 °C SST.				

**Compressors 240V/1/50Hz**

CS10K6EPFJ507-C	1.75	38.1	650	3450	1755	CSR	Internal	12.1	POE 32
CS14K6EPFJ579-C	2.25	48.6	1300	4650	2435	CSR	Internal	17.5	POE 32
CS18K6E-PFJ-595**	2.75	61.4	1495	6000	3300	CSR	Internal	19.1	POE 32

**Compressors 415V/3/50Hz**

CS14K6ETFD523-C	2.25	48.6	1300	4650	2435	DOL	Internal	6.6	POE 32
CS18K6ETFD523-C	2.75	61.4	1495	6000	3450	DOL	Internal	6.6	POE 32
CS20K6ETFD523-C	3.00	74.3	1705	6800	3850	DOL	Internal	7.1	POE 32
CS27K6ETFD523-C	4.00	92.4	2365	8850	5050	DOL	Internal	10.8	POE 32
CS33K6ETFD523-C	5.00	106.2	2950	10600	5900	DOL	Internal	12.7	POE 32
CF06K6ETFD523-C	2.00	49.6	1640		2480	DOL	Internal	5.2	POE 32
CF09K6ETFD523-C	2.50	72.1	2440		3740	DOL	Internal	7.7	POE 32
CF12K6ETFD523-C	3.50	3.5	3200		4900	DOL	Internal	9.2	POE 32


**CS COPELAND HERMETIC COMPRESSORS - REFRIGERATION (CONT'D)**

Part Number	Oil Charge cc	O/A Height (mm)	Weight (kg)	Rotalock Service Valves - Standard	Service - Solder Connections (inches)		Crankcase Heater	
					Suct.	Disch.	Part No.	Spec.

**Compressors 240V/1/50Hz**

CS10K6E-PFJ-595	1270	348	31.0	Yes	3/4	3/8	918-0031-05	240V-40W
CS14K6E-PFJ-595	1270	348	32.0	Yes	3/4	3/8	918-0031-05	240V-40W
CS18K6E-PFJ-595	1270	348	32.0	Yes	3/4	3/8	918-0031-05	240V-40W