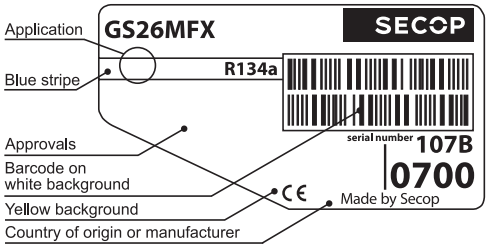
GS26MFX
Standard Compressor
R134a
220-240V 50Hz



General

Code number	107B0700
Approvals	EN 60335-2-34
Compressors on pallet	48

Application

Application		MBP	
Frequency	Hz	50	60
Evaporating temperature	°C	-20 to 7.2	–
Voltage range	V	198 - 254	–
Max. condensing temperature continuous (short)	°C	60 (70)	–
Max. winding temperature continuous (short)	°C	125 (135)	–

Cooling requirements

Frequency	Hz	50			60		
Application		LBP	MBP	HBP	LBP	MBP	HBP
32°C		–	F_2	–	–	–	–
38°C		–	F_2	–	–	–	–
43°C		–	F_2	–	–	–	–
Remarks on application:							

S = Static cooling normally sufficient
O = Oil cooling
F_1 = Fan cooling 1.5 m/s (compressor compartment temperature equal to ambient temperature)
F_2 = Fan cooling 3.0 m/s necessary
SG = Suction gas cooling normally sufficent
– = not applicable in this area

Motor

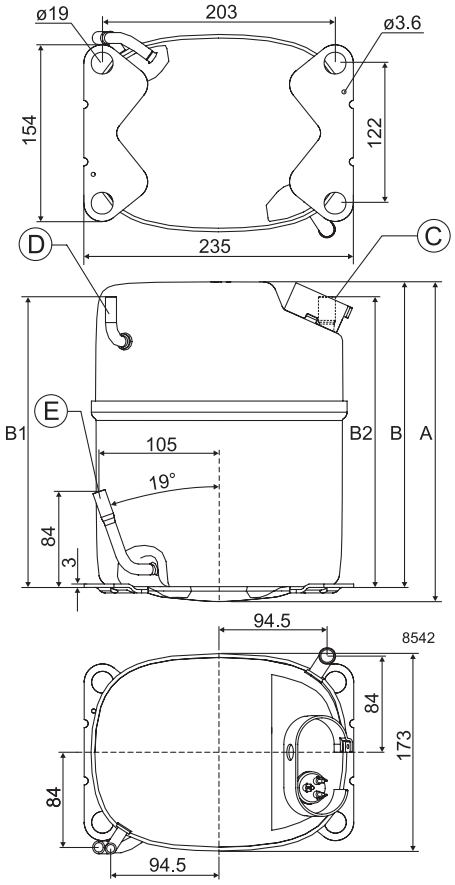
Motor type		CSR	
LRA (rated after 4 sec. UL984), HST | LST	A	20.2	–
Cut in Current, HST | LST	A	20.2	–
Resistance, main | start winding (25°C)	Ω	3.6	3.9

Design

Displacement	cm^3	26.30
Oil quantity (type)	cm^3	900 (polyolester)
Maximum refrigerant charge	g	2000
Free gas volume in compressor	cm^3	3350
Weight without electrical equipment	kg	19.1

Dimensions

Height	mm	A	259
		B	247
		B1	234
		B2	234
Suction connector	location/I.D. mm | angle	C	12.9 | 90°
	material | comment		Copper | Rubber plug
Process connector	location/I.D. mm | angle	D	6.5 | 90°
	material | comment		Copper | Rubber plug
Discharge connector	location/I.D. mm | angle	E	8.2 | 19°
	material | comment		Copper | Rubber plug
Oil cooler connector	location/I.D. mm | angle	F	–
	material | comment		–
Connector tolerance	I.D. mm	12.9±0.15, 8.2 ±0.05, 6.5 ±0.10	
Remarks:			



EN 12900 220V, 50Hz, fan cooling F_2

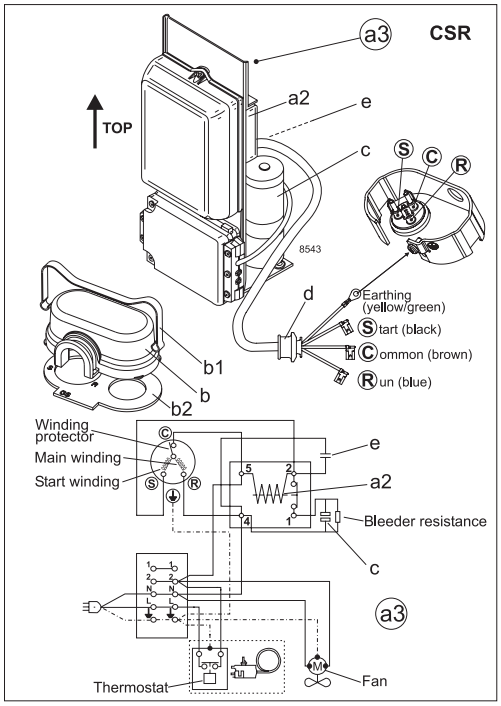
Evap. temp. in °C	-45	-40	-35	-30	-25	-23.3	-20	-15	-10	-6.7	-5	0	5	7.2	10	15	20
Capacity in W							754	989	1266	1476	1591	1970	2411	2626			
Power cons. in W							546	618	696	745	776	857	942	980			
Current cons. in A							2.57	2.86	3.18	3.42	3.55	3.94	4.38	4.58			
COP in W/W							1.38	1.60	1.82	1.98	2.05	2.30	2.56	2.68			

ARI 540-2004 (MBP) 220V, 50Hz, fan cooling F_2

Evap. temp. in °C	-45	-40	-35	-30	-25	-23.3	-20	-15	-10	-6.7	-5	0	5	7.2	10	15	20
Capacity in W							685	900	1153	1346	1451	1799					
Power cons. in W							552	629	710	766	794	883					
Current cons. in A							2.59	2.91	3.27	3.53	3.66	4.09					
COP in W/W							1.24	1.43	1.62	1.76	1.83	2.04					

ARI 540-2004 (HBP) 220V, 50Hz, fan cooling F_2

Evap. temp. in °C	-45	-40	-35	-30	-25	-23.3	-20	-15	-10	-6.7	-5	0	5	7.2	10	15	20
Capacity in W							634	838	1076	1256	1353	1676	2052	2237			
Power cons. in W							562	645	733	794	826	924	1028	1077			
Current cons. in A							2.63	3.00	3.40	3.69	3.84	4.32	4.84	5.08			
COP in W/W							1.13	1.30	1.47	1.58	1.64	1.81	2.00	2.08			



Accessories for GS26MFX	Figure	Code number
Starting device 600 mm cable length	a3	117-7055
Cover	b	107B9101 *)
Clamp	b1	107B9104 *)
Gasket	b2	107B9100 *)
Starting relay	a2	Components of starting device
Start. capacitor	c	
Run capacitor	e	
*) Remarks: Cover, clamp, gasket parts of compressor		

Test conditions	EN 12900	ARI 540-2004 (MBP)	ARI 540-2004 (HBP)
Condensing temperature	45°C	48.9°C	54.4°C
Ambient temperature	32°C	35°C	35°C
Suction gas temperature	20°C	4.4°C	18.3°C
Liquid temperature	no subcooling	no subcooling	no subcooling

Mounting accessories	Code number
Bolt joint for one comp.	107B9150
Bolt joint in quantities	–
Snap-on in quantities	–

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