

Technical Data Sheet

Compressor model **GS26TB_T**
Voltage **220-240V 50Hz ~1**
Refrigerant **R134a**

APPLICATION

COMPRESSOR

MOTOR

Application	High-Medium Back Pressure	Displacement	25,93 cm ³	Approximate Power	3/4 hp
Refrigerant	R134a	Diameter	39,98 mm	Voltage/Frequency	220V 50Hz
Evaporating Temp.	-25,0 °C to 10,0 °C	Stroke	20,65 mm	Voltage range	198-264 V
Expansion	Capillar/Valve	Net Weight	22,70 Kg	Type	CSIR
Comp. Cooling	Fan cooled	Oil type	ISO VG 46 ESTER	Phase number	1 P
Max. ambient temp.	43,0 °C	Oil charge	860 cm ³	Locked rotor current	32,00 A
				Main W. resist. at 25°C	1,99 Ω
				Start W. resist. at 25°C	19,37 Ω

NOMINAL PERFORMANCE

	ASHRAE	CECOMAF
Cooling Capacity	2.140 kcal/h	2.098 W
COP	2,42 W/W	2,12 W/W
EER	2,08 kcal/Wh	1,83 kcal/Wh
Input Power	1.030 W	988 W
Current	6,30 A	6,12 A

APPROVALS



TEST CYCLE CONDITIONS

	ASHRAE HMBP (D)	CECOMAF HMBP (C)
Evaporating temp.	7,2 °C	5,0 °C
Condensing temp.	55,0 °C	55,0 °C
Liquid temp.	46,0 °C	55,0 °C
Ambient temp.	35,0 °C	32,0 °C
Suction temp.	35,0 °C	32,0 °C
Voltage/Frequency	220 V 50 Hz	220 V 50 Hz

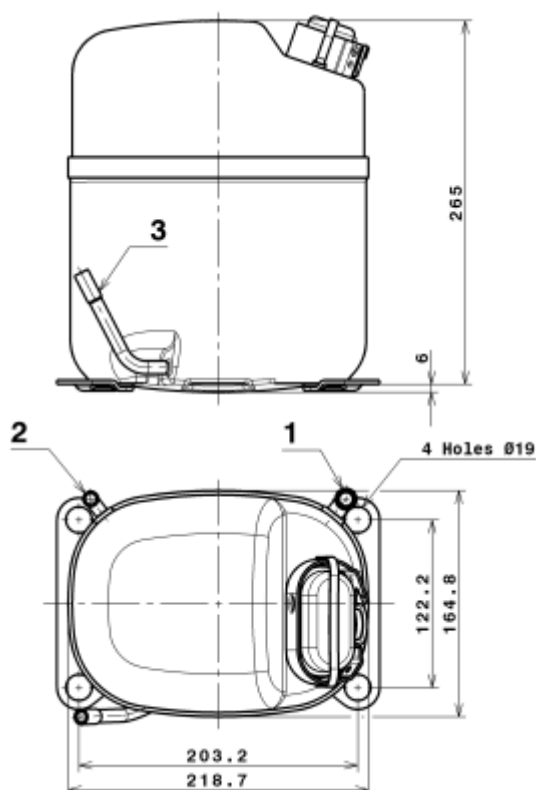
ELECTRICAL COMPONENTS

Starting capacitor	64- 77 µF 330 V			
Relay	Option 1			
Reference	3ARR 18A 79B			
Pick-Up	16,70 A			
Drop-Out	14,00 A			
Protector	Option 1	Option 2		
Reference	MRA38088	T0419		
Current	22,00 A	22,00 A		
Time check	7,5-14 seg	7,5-14 seg		
Disc temp. (Open/Close)	105,00 / 57,00 °C	105,00 / 61,00 °C		

ASHRAE

Tc	Te	Cooling Capacity kcal/h	Consumption W	Current A	COP W/W	EER kcal/Wh
40	-25	450	420	4,17	1,25	1,07
40	-20	662	489	4,35	1,57	1,35
40	-15	913	556	4,54	1,91	1,64
40	-10	1.202	620	4,74	2,25	1,94
40	-5	1.531	682	4,94	2,61	2,24
40	0	1.898	742	5,15	2,98	2,56
40	5	2.304	799	5,35	3,35	2,88
40	7,2	2.495	824	5,45	3,52	3,03
40	10	2.749	855	5,57	3,74	3,22
45	-25	383	410	4,15	1,09	0,93
45	-20	587	491	4,36	1,39	1,20
45	-15	830	570	4,59	1,69	1,46
45	-10	1.111	647	4,82	2,00	1,72
45	-5	1.432	721	5,07	2,31	1,99
45	0	1.791	793	5,33	2,63	2,26
45	5	2.189	863	5,60	2,95	2,54
45	7,2	2.377	893	5,72	3,10	2,66
45	10	2.626	930	5,87	3,28	2,82
50	-25	317	400	4,12	0,92	0,79
50	-20	513	493	4,37	1,21	1,04
50	-15	747	585	4,63	1,49	1,28
50	-10	1.021	673	4,91	1,76	1,52
50	-5	1.333	760	5,21	2,04	1,75
50	0	1.684	844	5,52	2,32	2,00
50	5	2.074	926	5,85	2,61	2,24
50	7,2	2.258	961	6,00	2,73	2,35
50	10	2.503	1.006	6,19	2,90	2,49
55	-25	250	390	4,10	0,75	0,64
55	-20	438	496	4,37	1,03	0,88
55	-15	664	599	4,67	1,29	1,11
55	-10	930	700	5,00	1,55	1,33
55	-5	1.234	799	5,35	1,80	1,55
55	0	1.578	895	5,73	2,05	1,76
55	5	1.960	989	6,12	2,30	1,98
55	7,2	2.140	1.030	6,30	2,42	2,08
55	10	2.380	1.081	6,53	2,56	2,20
60	-25	183	380	4,08	0,56	0,48
60	-20	363	498	4,38	0,85	0,73
60	-15	582	613	4,72	1,10	0,95
60	-10	839	727	5,09	1,34	1,15
60	-5	1.136	838	5,50	1,58	1,36
60	0	1.471	946	5,94	1,81	1,55
60	5	1.845	1.053	6,40	2,04	1,75
60	7,2	2.022	1.099	6,61	2,14	1,84
60	10	2.258	1.157	6,89	2,27	1,95
65	-25	117	370	4,05	0,37	0,32
65	-20	288	500	4,38	0,67	0,58
65	-15	499	628	4,76	0,92	0,79
65	-10	749	753	5,19	1,16	0,99
65	-5	1.037	876	5,65	1,38	1,18
65	0	1.364	997	6,16	1,59	1,37
65	5	1.730	1.116	6,70	1,80	1,55
65	7,2	1.903	1.167	6,94	1,90	1,63
65	10	2.135	1.232	7,27	2,02	1,73

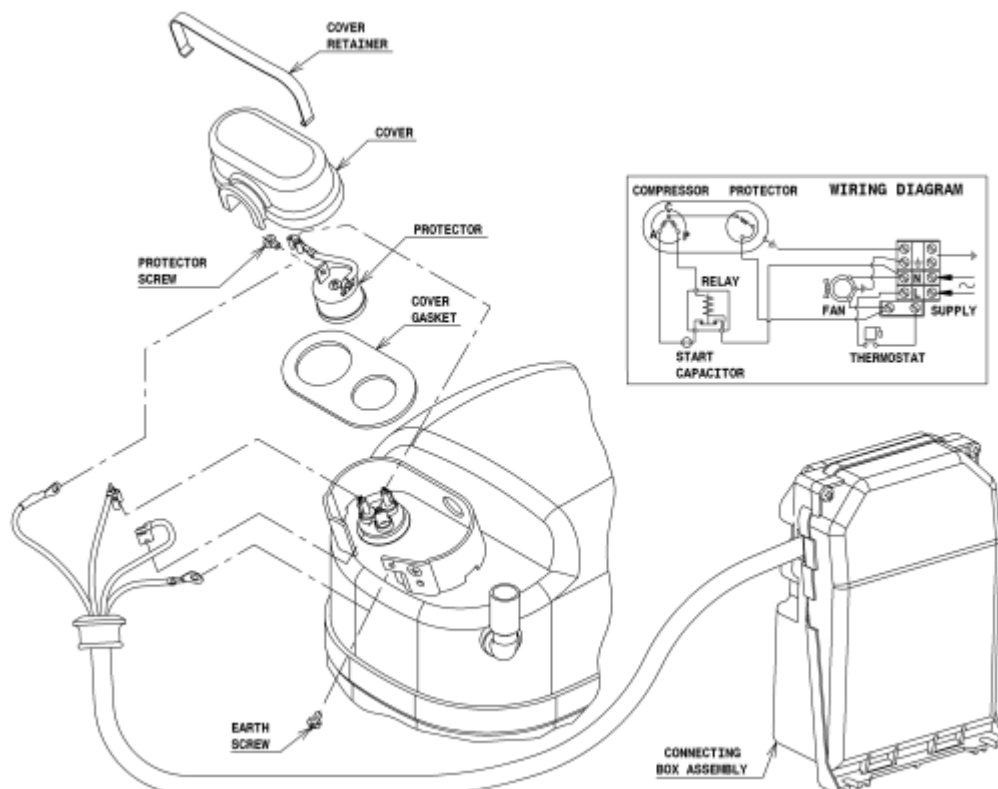
COMPRESSOR DIMENSIONS



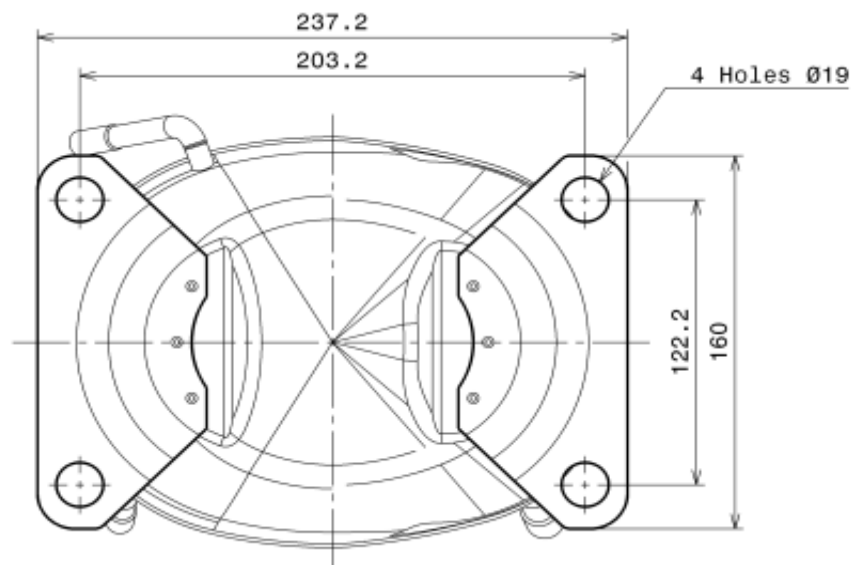
	DESIGNATION	INTERNAL DIAM.
1	Suction	12,7 mm
2	Service	9,6 mm
3	Discharge	8,0 mm

WIRING DIAGRAMS AND ELECTRICAL ASSEMBLY

CSIR CONNECTION (EXTERNAL CONNECTING BOX) (S range)



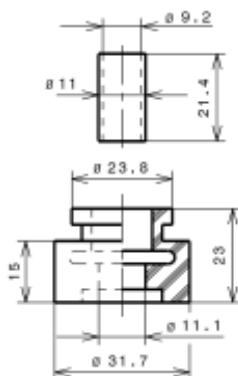
FIXINGS



SILENT BLOCKS (MOUNTING ACCESSORIES)

STANDARD

D.19 holds net (203.2x122.2)



SOA

SOA R134a HMBP

