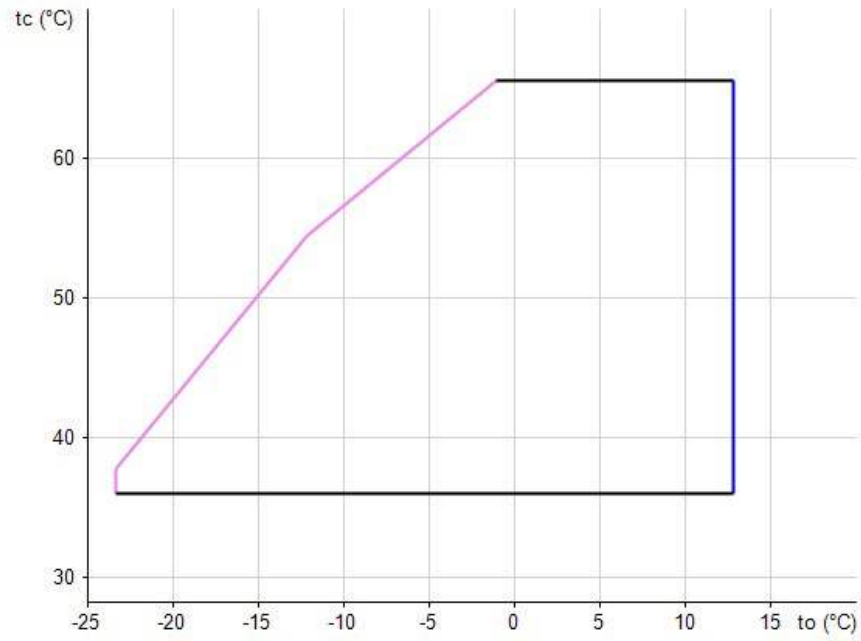


50 Hz

CR33K8M-PFZ

R22



Minimum Evaporating Temp. With:

35 °C Suction Gas Return

Maximum Evaporating Temperature

Suction Superheat 11.1K

Liquid Subcooling 8.3K

Evaporating Temperature, °C

Cond °C	Cooling Capacity, kW							
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	10.0	12.5
36.0	1.86	2.92	4.17	5.63	7.32	9.26	11.45	12.70
40.0	1.46	2.46	3.67	5.09	6.73	8.62	10.80	11.95
45.0		2.04	3.18	4.52	6.09	7.91	9.99	11.15
50.0		1.73	2.77	4.04	5.52	7.26	9.25	10.35
55.0			2.41	3.58	4.97	6.61	8.51	9.56
60.0				3.10	4.39	5.92	7.71	8.71
65.0					3.73	5.14	6.82	7.77

50 Hz

CR33K8M-PFZ

R22

Cond °C	Power, kW							
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	10.0	12.5
36.0	1.30	1.50	1.66	1.78	1.88	1.94	1.97	1.97
40.0	1.31	1.52	1.70	1.86	1.98	2.07	2.13	2.15
45.0		1.54	1.74	1.92	2.08	2.21	2.31	2.35
50.0		1.55	1.78	1.98	2.16	2.33	2.48	2.54
55.0			1.79	2.02	2.24	2.44	2.63	2.72
60.0				2.05	2.30	2.54	2.77	2.88
65.0					2.36	2.63	2.90	3.03

Cond °C	Current at 230 V, A							
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	10.0	12.5
36.0	7.43	8.11	8.69	9.17	9.54	9.81	9.99	10.05
40.0	7.54	8.28	8.92	9.48	9.95	10.33	10.64	10.76
45.0		8.40	9.13	9.79	10.39	10.92	11.39	11.60
50.0		8.44	9.26	10.04	10.76	11.45	12.09	12.39
55.0			9.33	10.22	11.09	11.93	12.74	13.14
60.0				10.36	11.37	12.37	13.37	13.86
65.0					11.62	12.79	13.97	14.57

Cond °C	Suction Mass Flow, g/s							
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	10.0	12.5
36.0	10.80	16.80	23.70	31.70	40.70	50.90	62.30	68.60
40.0	8.79	14.60	21.50	29.40	38.50	48.70	60.30	66.50
45.0		12.60	19.35	27.20	36.20	46.40	58.00	64.30
50.0		11.15	17.60	25.30	34.10	44.30	55.80	62.10
55.0			16.00	23.40	32.10	42.10	53.50	59.80
60.0				21.20	29.60	39.40	50.70	56.90
65.0					26.40	35.90	47.00	53.20

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Number of cylinders	2
Displacement @ 50 Hz, m³/h	9.51
Bore/Stroke, mm	42.1/19.6
Length/Width, mm	289/274
Height, mm	391
Net Weight, kg	31.5
Gross Weight, kg	32
Stub Suction, inch	1/2
Stub Discharge, inch	3/8
Oil Quantity, l	1.2
Base mounting (hole dia), mm	NA (8.4)
Sound Pressure @ 1m (HT), dBA	67
Sound Power (HT), dBA	78
Sound Conditions (HT, Temperatures: Evap./Cond./Suction at freq./speed)	7 / 54 / 18 °C at 50 Hz
Max. Internal Free Volume, l	7.00
High Side PS gauge, bar	29.4
Low Side PS gauge, bar	6.4
Low Side TS Max., °C	12.8
Low Side TS Min., °C	-23
Refrigerant's GWP	1810
Refrigerant's classification	A1

COMPRESSOR ELECTRICAL DATA (220-240 V / 1~ / 50 Hz)

Locked Rotor Current, A	80
Winding Resistance, ohm	0.94/3.5 (R/S)
Default Enclosure Class	IP 21 (IEC 34)

ACCESSORIES INCLUDED

ACCESSORIES OPTIONAL

MOTOR OPTIONS

Motor Code	Power Supply	Nominal Voltage, V	Start Connection	DOL Connection	Amps Factor
PFZ	220-240 V / 1~ / 50 Hz	230		CSCR	1.00