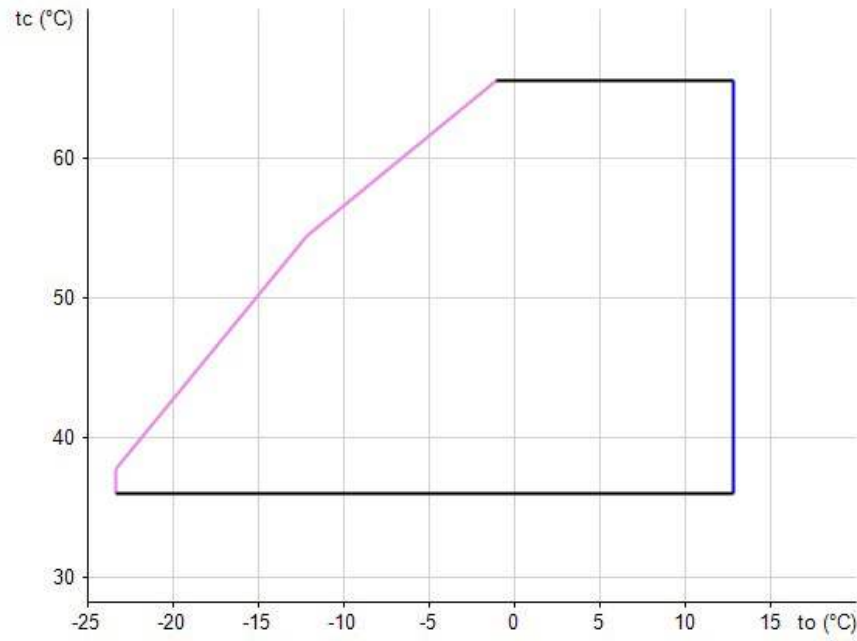


50 Hz

CP16K8ME-PFZ

R410A Dew Point



Minimum Evaporating Temp. With:

20 K Suction Superheat

Maximum Evaporating Temperature

Suction Return Temperature 18.3°C

Liquid Subcooling 0.0K

Evaporating Temperature, °C

Cond °C	Cooling Capacity, kW						
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	10.0
36.0					3.69	4.62	5.69
40.0					3.41	4.29	5.29
45.0					3.05	3.86	4.77
50.0					2.69	3.43	4.25
55.0					2.33	2.99	3.72
60.0					1.98	2.56	3.18
65.0					1.63	2.12	2.64

50 Hz

CP16K8ME-PFZ

R410A Dew Point

Cond °C	Power, kW							
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	10.0	12.5
36.0					0.94	1.01	1.06	1.09
40.0					0.98	1.05	1.11	1.14
45.0					1.03	1.11	1.18	1.20
50.0					1.08	1.18	1.25	1.27
55.0					1.13	1.24	1.32	1.34
60.0					1.16	1.28	1.38	1.41
65.0					1.18	1.32	1.44	1.48

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					4.38	4.60	4.58	4.46
40.0					4.62	4.90	4.94	4.86
45.0					4.89	5.24	5.38	5.34
50.0					5.11	5.55	5.78	5.79
55.0					5.28	5.82	6.15	6.22
60.0					5.39	6.04	6.49	6.62
65.0					5.46	6.22	6.80	6.99

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					20.30	25.90	32.60	36.40
40.0					19.55	25.10	31.60	35.30
45.0					18.50	23.90	30.20	33.80
50.0					17.40	22.60	28.70	32.10
55.0					16.15	21.20	27.00	30.30
60.0					14.90	19.75	25.30	28.40
65.0					13.70	18.30	23.50	26.40

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Number of cylinders	1
Displacement @ 50 Hz, m ³ /h	3.48
Bore/Stroke, mm	42.1/14.4
Length/Width, mm	236/231
Height, mm	380
Net Weight, kg	31.5
Gross Weight, kg	32
Stub Suction, inch	1/2
Stub Discharge, inch	3/8
Oil Quantity, l	1.04
Oil type (original charge)	POE RL32-3MAF
Oil type (approved oils)	POE RL32-3MAF, POE MOBIL EAL Arctic 22 CC
Base mounting (hole dia), mm	190.5 x 190.5 (8.4)
Sound Pressure @ 1m (HT), dBA	64
Sound Power (HT), dBA	75
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	10.8
Low Side PS gauge, bar	2.5
Low Side TS Max., °C	12.8
Low Side TS Min., °C	-23
Refrigerant's GWP	2088
Refrigerant's classification	A1

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

Locked Rotor Current, A	53
Winding Resistance, ohm	1.7/2.4 (R/S)
Default Enclosure Class	IP 21/54 (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