



Minimum Evaporating Temp. With:

- 10 K Suction Superheat
- 20 °C Suction Gas Return
- Maximum Evaporating Temperature

Suction Superheat 10.0K

Liquid Subcooling 0.0K

Evaporating Temperature, °C

Cond °C	Cooling Capacity, kW							
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
10.0	4.08	5.24	6.54	8.03				
15.0	3.87	5.01	6.26	7.69				
20.0	3.65	4.75	5.95	7.33	8.93			
25.0	3.42	4.47	5.63	6.94	8.48	10.30		
30.0	3.16	4.18	5.28	6.54	8.00	9.73	11.75	12.70
35.0	2.90	3.88	4.93	6.12	7.52	9.17	11.10	12.00
40.0		3.56	4.56	5.69	7.01	8.58	10.45	11.30
45.0			4.18	5.25	6.50	7.99	9.77	10.60
50.0				4.80	5.97	7.38	9.08	9.85
55.0				4.35	5.45	6.77	8.37	9.11

50 Hz

ZB26KCE-TFD

R407A Dew Point

Cond °C	Power, kW							
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
10.0	1.13	1.12	1.12	1.14				
15.0	1.28	1.27	1.28	1.29				
20.0	1.43	1.42	1.44	1.45	1.47			
25.0	1.61	1.60	1.62	1.64	1.66	1.66		
30.0	1.82	1.81	1.82	1.84	1.86	1.87	1.87	1.86
35.0	2.04	2.04	2.05	2.07	2.09	2.10	2.10	2.09
40.0		2.30	2.32	2.33	2.35	2.36	2.36	2.35
45.0			2.61	2.63	2.65	2.66	2.65	2.64
50.0				2.96	2.98	2.99	2.98	2.97
55.0				3.34	3.35	3.36	3.35	3.34

Cond °C	Current at 400 V, A							
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
10.0	3.19	3.20	3.19	3.17				
15.0	3.30	3.32	3.33	3.32				
20.0	3.43	3.46	3.48	3.49	3.49			
25.0	3.60	3.65	3.68	3.69	3.70	3.69		
30.0	3.81	3.87	3.90	3.93	3.94	3.94	3.94	3.94
35.0	4.07	4.13	4.18	4.21	4.23	4.24	4.24	4.24
40.0		4.45	4.50	4.54	4.56	4.57	4.58	4.58
45.0			4.88	4.92	4.95	4.96	4.97	4.97
50.0				5.37	5.39	5.41	5.41	5.41
55.0				5.88	5.91	5.92	5.92	5.92

Cond °C	Suction Mass Flow, g/s							
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
10.0	22.10	28.00	34.40	41.60				
15.0	21.90	27.80	34.20	41.40				
20.0	21.60	27.50	33.90	41.10	49.30			
25.0	21.10	27.10	33.50	40.70	48.90	58.40		
30.0	20.50	26.60	33.00	40.10	48.30	57.80	68.90	73.80
35.0	19.80	26.00	32.40	39.50	47.60	57.10	68.20	73.20
40.0		25.20	31.60	38.70	46.90	56.30	67.50	72.50
45.0			30.80	37.90	46.00	55.50	66.60	71.70
50.0				36.90	45.00	54.50	65.80	70.80
55.0				35.90	44.00	53.50	64.90	70.00

### **COMPRESSOR MECHANICAL AND PHYSICAL DATA**

Displacement @ 50 Hz, m³/h	9.94
Length/Width, mm	243/244
Height, mm	406
Net Weight, kg	28.4
Gross Weight, kg	31.4
Rotalock Suction, inch	1 1/4
Rotalock Discharge, inch	1
Oil Quantity, l	1.12
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 x 190 (8.5)
Sound Pressure @ 1m (MT), dBA	58
Sound Power (MT), dBA	69
Sound Conditions (MT, Temperatures: Evap./Cond./Suction at freq./speed)	-10 / 45 / 20 °C at 50 Hz
PED Category	1
Max. Internal Free Volume, l	2.60
High Side PS gauge, bar	32
Low Side PS gauge, bar	21
Low Side TS Max., °C	50
Low Side TS Min., °C	-35
Refrigerant's GWP	2107
Refrigerant's classification	A1

### **COMPRESSOR ELECTRICAL DATA (380-420 V / 3~ / 50 Hz)**

Maximum Operating Current, A	7.45
Locked Rotor Current, A	46
Winding Resistance, ohm	4.03
Default Enclosure Class	IP 21 (IEC 34)

### **ACCESSORIES INCLUDED**

Discharge Temperature Protection	Internal Thermodisk
Mounting Grommets	Standard

### **ACCESSORIES OPTIONAL**

Crankcase Heater	70 W External
Sound Attenuation	Sound Shell (10dBA)
Rotalock valves	suction and discharge
Oil Control System	ALCO Trax-Oil OM3

## **MOTOR OPTIONS**

<b>Motor Code</b>	<b>Power Supply</b>	<b>Nominal Voltage, V</b>	<b>Start Connection</b>	<b>DOL Connection</b>	<b>Amps Factor</b>
TFD	380-420 V / 3~ / 50 Hz	400		Y	1.00
TF5	200-220 V / 3~ / 50 Hz	200		Y	2.09
TFE	500 V / 3~ / 50 Hz	500		Y	0.80
TW5	200-220 V / 3~ / 50 Hz	200		Y	2.30
TFD	460 V / 3~ / 60 Hz	460		Y	1.04
TF5	200-230 V / 3~ / 60 Hz	230		Y	2.09
TFE	575 V / 3~ / 60 Hz	575		Y	0.80