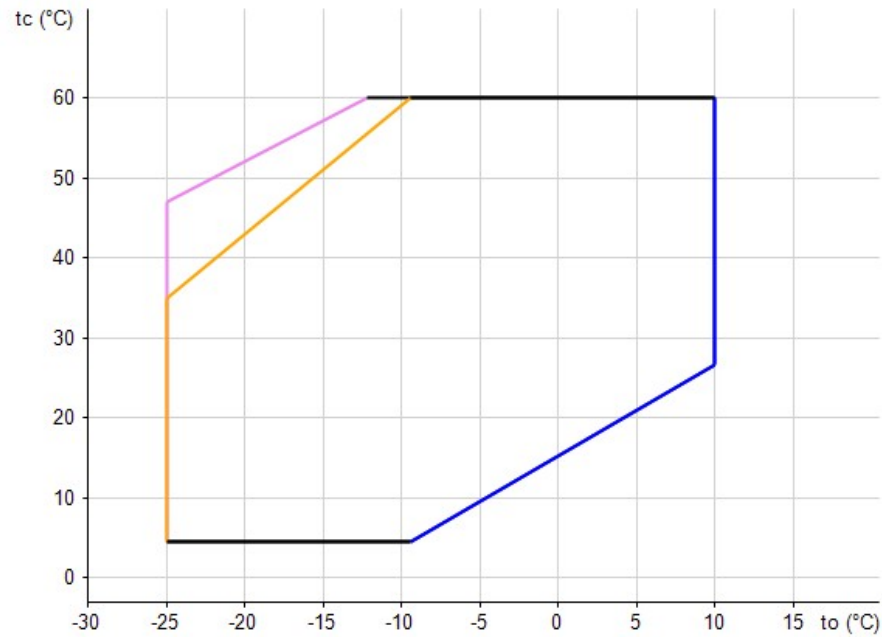


50 Hz

ZB26KCE-TFD

R449A Dew Point



Minimum Evaporating Temp. With:

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

Suction Return Temperature 18.3°C

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
4.0	4.40	5.50	6.82	8.39					
5.0	4.39	5.48	6.80	8.36					
10.0	4.24	5.30	6.58	8.09	9.85				
15.0	4.07	5.09	6.32	7.78	9.47				
20.0	3.87	4.86	6.04	7.43	9.06	10.95			
25.0	3.64	4.60	5.73	7.07	8.63	10.45	12.50	13.40	
30.0	3.41	4.33	5.41	6.69	8.17	9.89	11.85	12.70	14.10
35.0	3.16	4.05	5.08	6.29	7.70	9.33	11.20	12.05	13.35
40.0		3.76	4.74	5.89	7.23	8.77	10.55	11.30	12.55
45.0			4.41	5.49	6.75	8.20	9.87	10.60	11.80
50.0			4.09	5.10	6.28	7.64	9.21	9.90	11.00
55.0				4.72	5.82	7.09	8.56	9.20	10.25
60.0					5.38	6.56	7.92	8.52	9.48

50 Hz

ZB26KCE-TFD

R449A Dew Point

Cond °C	Power, kW								
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
4.0	1.02	1.04	1.08	1.13					
5.0	1.02	1.06	1.10	1.14					
10.0	1.14	1.16	1.20	1.24	1.29				
15.0	1.28	1.30	1.33	1.37	1.41				
20.0	1.44	1.46	1.49	1.52	1.56	1.60			
25.0	1.64	1.66	1.68	1.70	1.74	1.78	1.82	1.83	
30.0	1.86	1.87	1.89	1.91	1.94	1.97	2.01	2.02	2.04
35.0	2.10	2.11	2.13	2.15	2.17	2.19	2.22	2.23	2.25
40.0		2.38	2.39	2.41	2.42	2.44	2.46	2.47	2.48
45.0			2.68	2.69	2.70	2.71	2.73	2.73	2.74
50.0			2.99	3.00	3.01	3.01	3.02	3.02	3.03
55.0				3.33	3.33	3.34	3.34	3.34	3.33
60.0					3.69	3.68	3.68	3.67	3.67

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
4.0	3.22	3.24	3.27	3.31					
5.0	3.22	3.25	3.28	3.32					
10.0	3.31	3.33	3.37	3.41	3.45				
15.0	3.44	3.46	3.49	3.53	3.57				
20.0	3.60	3.62	3.65	3.69	3.73	3.77			
25.0	3.81	3.83	3.85	3.88	3.92	3.96	4.00	4.02	
30.0	4.05	4.07	4.09	4.12	4.15	4.18	4.22	4.24	4.26
35.0	4.34	4.35	4.37	4.39	4.42	4.45	4.48	4.49	4.51
40.0		4.67	4.69	4.71	4.73	4.75	4.78	4.79	4.80
45.0			5.05	5.06	5.08	5.09	5.11	5.12	5.13
50.0			5.45	5.46	5.47	5.48	5.49	5.49	5.50
55.0				5.90	5.90	5.90	5.91	5.91	5.91
60.0					6.38	6.37	6.37	6.36	6.36

50 Hz

ZB26KCE-TFD

R449A Dew Point

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
4.0	19.70	24.70	30.80	38.10					
5.0	19.70	24.70	30.80	38.10					
10.0	19.70	24.70	30.80	38.10	46.70				
15.0	19.55	24.60	30.70	37.90	46.60				
20.0	19.30	24.30	30.40	37.70	46.20	56.30			
25.0	18.90	24.00	30.00	37.30	45.80	55.90	67.70	73.00	
30.0	18.40	23.50	29.60	36.80	45.30	55.30	67.10	72.30	80.90
35.0	17.90	23.00	29.00	36.20	44.70	54.60	66.40	71.60	80.20
40.0		22.40	28.40	35.60	44.00	53.90	65.60	70.90	79.40
45.0			27.90	34.90	43.30	53.20	64.90	70.20	78.70
50.0			27.30	34.40	42.70	52.60	64.30	69.50	78.10
55.0				33.90	42.20	52.10	63.80	69.00	77.70
60.0					42.00	51.80	63.60	68.90	77.60

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	60
Sound Power (MT), dBA	71
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	1397
Refrigerant's classification	A1

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

Maximum Operating Current, A	8.9
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
Oil Control System	ALCO Trax-Oil OM3
Sound Attenuation	Sound Shell (10dBA)
Rotalock valves	suction and discharge

MOTOR OPTIONS

Motor Code	Power Supply	Nominal Voltage, V	Start Connection	DOL Connection	Amps Factor
TFD	380-420 V / 3~ / 50 Hz	400		Y	1.00
TF5	200-220 V / 3~ / 50 Hz	200		Y	2.09
TFD	460 V / 3~ / 60 Hz	460		Y	1.04
TF5	200-230 V / 3~ / 60 Hz	230		Y	2.09