



Minimum Evaporating Temp. With:

- 25 °C Suction Gas Return
- Maximum Evaporating Temperature

Suction Superheat 10.0K

Liquid Subcooling 0.0K

Evaporating Temperature, °C

Cond °C	Cooling Capacity, kW								
	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
20.0	1.77	2.26	2.86	3.60	4.47	5.50	6.69		
25.0	1.68	2.15	2.73	3.43	4.28	5.27	6.43		
30.0	1.58	2.03	2.59	3.27	4.08	5.04	6.15	7.44	8.00
35.0		1.92	2.45	3.10	3.88	4.79	5.87	7.11	7.66
40.0		1.80	2.31	2.93	3.67	4.55	5.58	6.77	7.30
45.0			2.17	2.75	3.46	4.29	5.27	6.42	6.93
50.0			2.03	2.58	3.24	4.03	4.96	6.06	6.55
55.0				2.39	3.01	3.76	4.65	5.69	6.15
60.0				2.21	2.78	3.48	4.32	5.31	5.75

50 Hz

ZS26K4E-TFD

R134a

Cond °C	Power, kW								
	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
20.0	0.81	0.86	0.91	0.98	1.05	1.14	1.26		
25.0	0.87	0.93	0.99	1.05	1.12	1.21	1.32		
30.0	0.94	1.01	1.06	1.12	1.20	1.28	1.38	1.50	1.56
35.0		1.08	1.14	1.21	1.28	1.36	1.46	1.58	1.63
40.0		1.16	1.23	1.30	1.38	1.46	1.55	1.66	1.71
45.0			1.33	1.40	1.48	1.56	1.65	1.76	1.80
50.0			1.44	1.52	1.60	1.68	1.78	1.88	1.92
55.0				1.65	1.74	1.82	1.92	2.02	2.07
60.0				1.80	1.90	1.99	2.08	2.19	2.23

Cond °C	Current at 400 V, A								
	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
20.0	2.29	2.36	2.45	2.54	2.65	2.79	2.96		
25.0	2.39	2.47	2.56	2.65	2.76	2.89	3.04		
30.0	2.49	2.58	2.67	2.76	2.87	2.99	3.14	3.33	3.41
35.0		2.69	2.79	2.89	2.99	3.11	3.26	3.43	3.51
40.0		2.81	2.92	3.02	3.13	3.25	3.39	3.55	3.63
45.0			3.06	3.18	3.29	3.41	3.54	3.70	3.78
50.0			3.23	3.35	3.47	3.59	3.73	3.88	3.95
55.0				3.54	3.67	3.80	3.94	4.10	4.16
60.0				3.77	3.91	4.05	4.19	4.35	4.41

Cond °C	Suction Mass Flow, g/s								
	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
20.0	11.05	13.85	17.20	21.20	25.80	31.10	37.20		
25.0	10.95	13.75	17.10	21.10	25.80	31.10	37.20		
30.0	10.85	13.65	17.05	21.00	25.70	31.10	37.20	44.20	47.20
35.0		13.55	16.95	20.90	25.60	31.00	37.20	44.10	47.20
40.0		13.50	16.85	20.80	25.50	30.90	37.10	44.10	47.10
45.0			16.75	20.70	25.30	30.70	36.90	44.00	47.00
50.0			16.60	20.50	25.20	30.50	36.70	43.80	46.90
55.0				20.40	25.00	30.30	36.50	43.60	46.70
60.0				20.20	24.70	30.00	36.20	43.40	46.50

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

Displacement @ 50 Hz, m³/h	9.90
Length/Width, mm	243/244
Height, mm	405
Net Weight, kg	33
Rotalock Suction, inch	1 1/4
Rotalock Discharge, inch	1
Oil Quantity, l	1.5
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	63
Sound Power (MT), dBA	74
Sound Power with Sound Shell (MT), dBA	64
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	4.10
High Side PS gauge, bar	28.8
Low Side PS gauge, bar	21
Low Side TS Max., °C	50
Refrigerant's GWP	1430
Refrigerant's classification	A1

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

Maximum Operating Current, A	7
Locked Rotor Current, A	46
Winding Resistance, ohm	4.03
Default Enclosure Class	IP 21 (IEC 34)

### **ACCESSORIES INCLUDED**

Discharge Temperature Protection	Discharge line thermostat
Mounting Grommets	Standard

### **ACCESSORIES OPTIONAL**

Crankcase Heater	70 W External
Oil Control System	ALCO Trax-Oil OM3
Rotalock valves	suction and discharge

## **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
TFD	460 V / 3~ / 60 Hz	460		Y	1.04
TF5	200-230 V / 3~ / 60 Hz	230		Y	2.09