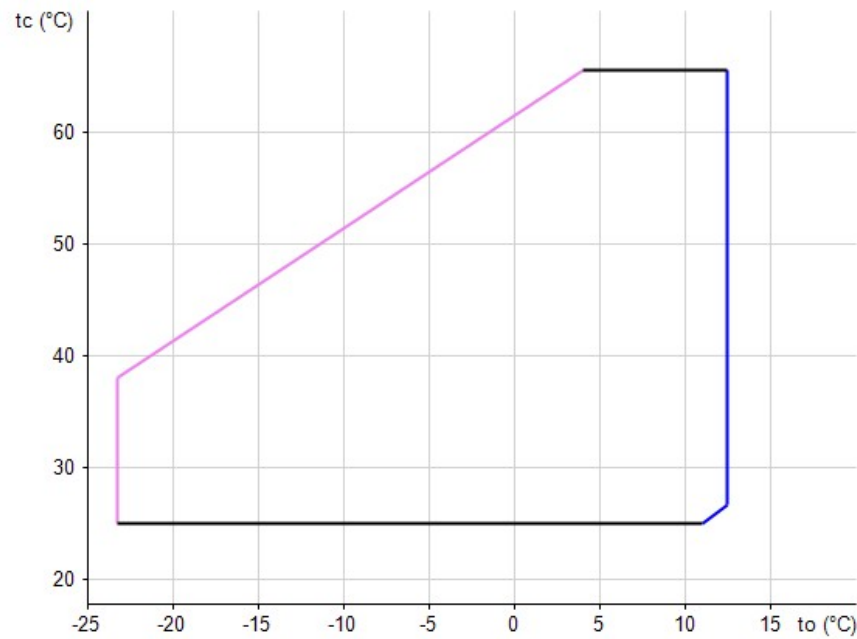


50 Hz

ZP72KCE-TFD

R410A Dew Point



Minimum Evaporating Temp. With:

10 K Suction Superheat

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	7.0	10.0	12.5
25.0	8.67	10.70	13.00	15.70	18.75	22.30	23.80	26.20	
30.0	8.19	10.15	12.35	14.95	17.90	21.30	22.80	25.10	27.20
35.0	7.69	9.56	11.70	14.20	17.05	20.30	21.70	24.00	26.00
40.0	7.17	8.96	11.00	13.40	16.10	19.20	20.60	22.70	24.70
45.0		8.33	10.30	12.55	15.15	18.10	19.40	21.50	23.30
50.0			9.53	11.65	14.10	16.90	18.15	20.10	21.90
55.0				10.70	13.05	15.65	16.85	18.70	20.40
60.0					11.90	14.35	15.45	17.20	18.80
65.0						13.00	14.00	15.65	17.10

50 Hz

ZP72KCE-TFD

R410A Dew Point

Cond °C	Power, kW								
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
25.0	2.82	2.82	2.84	2.86	2.88	2.92	2.94	2.97	
30.0	3.17	3.18	3.19	3.20	3.22	3.25	3.27	3.29	3.31
35.0	3.56	3.57	3.58	3.59	3.60	3.62	3.63	3.65	3.66
40.0	3.99	4.00	4.01	4.03	4.04	4.05	4.06	4.07	4.07
45.0		4.49	4.51	4.52	4.53	4.54	4.54	4.55	4.55
50.0			5.07	5.09	5.10	5.10	5.10	5.10	5.10
55.0				5.73	5.74	5.74	5.74	5.74	5.74
60.0					6.47	6.48	6.47	6.47	6.46
65.0						7.31	7.31	7.30	7.29

Cond °C	Current at 400 V, A								
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
25.0	5.86	5.88	5.90	5.93	5.97	6.01	6.03	6.07	
30.0	6.29	6.30	6.32	6.34	6.37	6.41	6.42	6.45	6.48
35.0	6.80	6.81	6.82	6.84	6.86	6.89	6.90	6.92	6.95
40.0	7.41	7.41	7.42	7.43	7.45	7.47	7.48	7.50	7.52
45.0		8.12	8.13	8.13	8.14	8.16	8.17	8.18	8.20
50.0			8.95	8.95	8.96	8.97	8.98	8.99	9.00
55.0				9.91	9.91	9.92	9.93	9.93	9.94
60.0					11.00	11.01	11.01	11.02	11.03
65.0						12.25	12.26	12.26	12.27

Cond °C	Suction Mass Flow, g/s								
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
25.0	43.80	53.30	64.20	76.60	90.70	106.50	113.50	124.50	
30.0	43.10	52.70	63.60	76.00	90.20	106.00	113.00	124.00	134.00
35.0	42.30	51.90	62.90	75.30	89.50	105.50	112.50	123.50	133.50
40.0	41.40	51.10	62.00	74.50	88.60	104.50	111.50	122.50	132.50
45.0		50.00	60.90	73.40	87.50	103.50	110.50	121.50	131.50
50.0			59.60	72.00	86.10	102.00	109.00	120.00	130.00
55.0				70.40	84.40	100.50	107.50	118.50	128.50
60.0					82.50	98.40	105.50	116.50	126.50
65.0						96.30	103.50	114.50	124.50

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 50 Hz, m³/h	11.7
Length/Width, mm	246/246
Height, mm	455
Net Weight, kg	39.9
Stub Suction, inch	7/8
Stub Discharge, inch	1/2
Oil Quantity, l	1.66
Oil type (original charge)	POE RL32-3MAF
Oil type (approved oils)	POE RL32-3MAF
Base mounting (hole dia), mm	190 x 190 (19)
Sound Pressure @ 1m (HT), dBA	59
Sound Power (HT), dBA	70
Sound Power with Sound Shell (HT), dBA	63
Sound Conditions (HT, Temperatures:	7 / 54 / 18 °C at 50 Hz
Evap./Cond./Suction at freq./speed)	
PED Category	1
Max. Internal Free Volume, l	3.90
High Side PS gauge, bar	45
Low Side PS gauge, bar	29.5
Low Side TS Min., °C	-35
Refrigerant's GWP	2088
Refrigerant's classification	A1

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

Maximum Operating Current, A	15
Locked Rotor Current, A	75
Winding Resistance, ohm	2.26
Default Enclosure Class	IP 21 (IEC 34)

ACCESSORIES INCLUDED

Mounting Grommets	Rubber Grommet For Single
-------------------	---------------------------

ACCESSORIES OPTIONAL

Enclosure Class	IP 54
-----------------	-------

50 Hz

ZP72KCE-TFD

R410A Dew Point

MOTOR OPTIONS

<i>Motor Code</i>	<i>Power Supply</i>	<i>Nominal Voltage, V</i>	<i>Start Connection</i>	<i>DOL Connection</i>	<i>Amps Factor</i>
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
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
TF7	380 V / 3~ / 60 Hz	380		Y	1.26