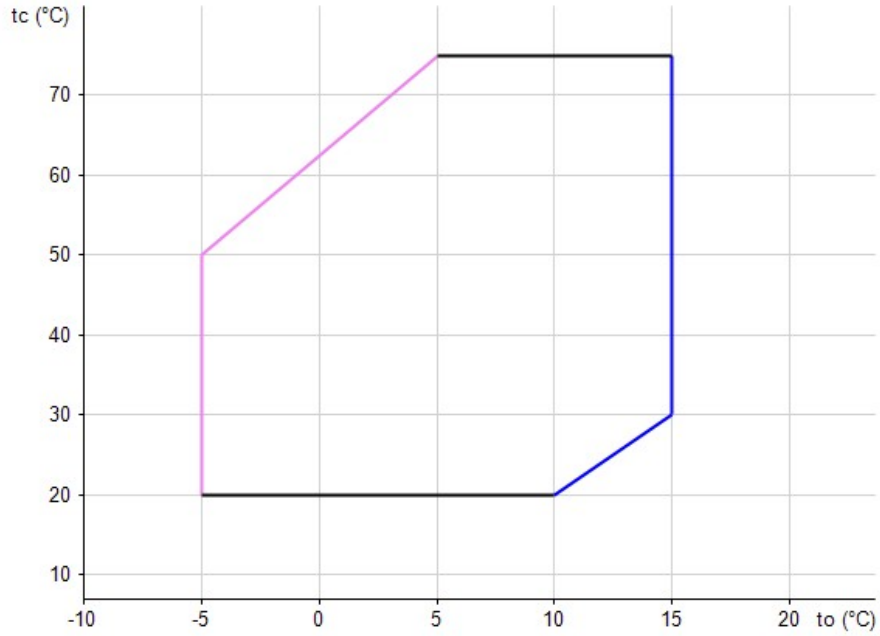

Minimum Evaporating Temp. With:

10 K Suction Superheat

Maximum Evaporating Temperature

Drive Frequency Range 35 - 80 Hz

Suction Superheat 5.0K | Drive Frequency 60 Hz | Liquid Subcooling 1.0K

Evaporating Temperature, °C

Cond	Cooling Capacity, kW						
°C	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
20.0	15.25	18.45	22.70	24.80	28.50		
25.0	14.65	17.65	21.50	23.40	26.80	30.00	
30.0	13.95	16.80	20.40	22.10	25.10	28.10	31.50
35.0	13.20	15.95	19.30	20.90	23.60	26.30	29.40
40.0	12.35	15.10	18.20	19.65	22.10	24.50	27.30
45.0	11.40	14.15	17.05	18.40	20.60	22.80	25.30
50.0	10.30	13.10	15.90	17.15	19.20	21.20	23.40
55.0		11.95	14.70	15.85	17.75	19.50	21.50
60.0		10.70	13.40	14.50	16.20	17.85	19.65
65.0			12.00	13.05	14.65	16.15	17.75
70.0			10.45	11.50	13.00	14.35	15.80
75.0			8.79	9.80	11.25	12.50	13.85

Cond	Power, kW						
°C	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
20.0	2.99	2.92	2.81	2.75	2.66		
25.0	3.31	3.29	3.23	3.20	3.14	3.09	
30.0	3.62	3.64	3.62	3.61	3.58	3.56	3.52
35.0	3.95	3.99	4.01	4.01	4.01	4.00	3.99
40.0	4.31	4.37	4.41	4.42	4.43	4.44	4.45
45.0	4.71	4.78	4.84	4.85	4.88	4.90	4.91
50.0	5.17	5.25	5.31	5.33	5.35	5.38	5.40
55.0		5.78	5.83	5.85	5.88	5.90	5.93
60.0		6.40	6.44	6.45	6.47	6.49	6.51
65.0			7.13	7.13	7.14	7.15	7.17
70.0			7.93	7.93	7.92	7.91	7.91
75.0			8.86	8.84	8.80	8.78	8.76

Cond	Inverter Current at 380 V, A						
°C	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
20.0	10.23	9.97	9.72	9.63	9.51		
25.0	10.57	10.41	10.24	10.18	10.10	10.07	
30.0	10.84	10.76	10.66	10.62	10.59	10.58	10.59
35.0	11.09	11.07	11.02	11.01	11.00	11.01	11.04
40.0	11.35	11.39	11.39	11.39	11.39	11.42	11.46
45.0	11.69	11.76	11.79	11.79	11.81	11.84	11.88
50.0	12.13	12.23	12.27	12.28	12.30	12.32	12.36
55.0		12.84	12.88	12.89	12.90	12.91	12.94
60.0		13.64	13.66	13.66	13.66	13.66	13.67
65.0			14.67	14.65	14.62	14.60	14.58
70.0			15.93	15.90	15.83	15.78	15.73
75.0			17.50	17.44	17.34	17.25	17.16

Cond	Suction Mass Flow, g/s						
°C	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
20.0	100.50	119.00	143.50	156.00	177.00		
25.0	101.00	119.50	142.50	154.00	173.50	193.00	
30.0	101.50	119.50	141.50	152.50	171.00	189.50	210.00
35.0	101.00	119.50	141.00	151.50	169.00	186.00	206.00
40.0	100.50	119.50	140.50	150.50	167.00	183.00	202.00
45.0	98.60	119.00	140.00	149.50	165.50	180.50	198.00
50.0	95.40	118.00	139.50	148.50	163.50	178.00	194.50
55.0		115.50	138.00	147.00	162.00	175.50	191.00
60.0		112.00	136.00	145.50	160.00	173.00	188.00
65.0			133.00	142.50	157.50	170.00	184.50
70.0			128.00	138.50	154.00	166.50	180.50
75.0			121.00	133.00	149.00	162.00	176.00

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 60 Hz, m³/h	26.5
Length/Width, mm	586/314
Height, mm	245
Net Weight, kg	59.9
Stub Suction, inch	1 3/8
Stub Discharge, inch	7/8
Drive Frequency Range, Hz	35 - 80
Oil Quantity, l	1.63
Oil type (original charge)	POE RL32-3MAF
Oil type (approved oils)	POE RL32-3MAF
Sound Pressure @ 1m (HT), dBA	77
Sound Power (HT), dBA	88
Sound Conditions (HT, Temperatures: Evap./Cond./Suction at freq./speed)	7 / 54 / 18 °C at 80 Hz
PED Category	I
High Side PS gauge, bar	32
Low Side PS gauge, bar	20
Low Side TS Max., °C	50
Refrigerant's GWP	631
Refrigerant's classification	A1

COMPRESSOR ELECTRICAL DATA (380 V / 3~ / 60 Hz)

Maximum Operating Current, A	23.5
Locked Rotor Current, A	145
Winding Resistance, ohm	0.85/0.85/0.85 (T1-T2/T2-T3/T3-T1)
Default Enclosure Class	IP 56

ACCESSORIES INCLUDED

ACCESSORIES OPTIONAL

MOTOR OPTIONS

Motor Code	*Power Supply*	*Nominal Voltage, V*	*Start Connection*	*DOL Connection*	*Amps Factor*
TF7	380 V / 3~ / 60 Hz	380		Y	1.00
TF5	200-230 V / 3~ / 60 Hz	230		Y	1.66