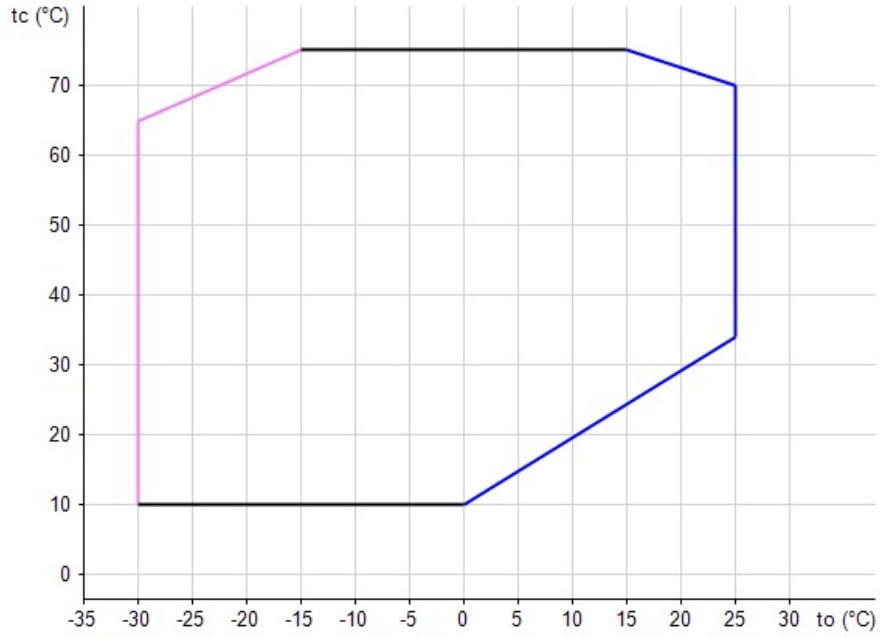

Minimum Evaporating Temp. With:

10 K Suction Superheat

Maximum Evaporating Temperature

Drive Frequency Range 60 - 360 Hz

Suction Superheat 11.1K | Compressor Speed 50 1/s | Liquid Subcooling 8.3K

Evaporating Temperature, °C

Cond	Cooling Capacity, kW													
°C	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0	20.0	25.0
10.0	2.60	3.24	3.99	4.85	5.86	7.02	8.35							
15.0	2.43	3.08	3.82	4.67	5.65	6.79	8.09	9.58						
20.0	2.29	2.93	3.66	4.50	5.46	6.56	7.83	9.28	9.92	10.95				
25.0	2.15	2.79	3.51	4.33	5.27	6.34	7.58	8.98	9.60	10.60	11.45	12.40		
30.0	2.03	2.66	3.37	4.17	5.08	6.12	7.31	8.68	9.28	10.25	11.10	12.00	14.00	
35.0	1.92	2.54	3.23	4.00	4.89	5.89	7.05	8.36	8.94	9.86	10.70	11.55	13.50	15.65
40.0	1.82	2.42	3.09	3.84	4.69	5.66	6.77	8.04	8.59	9.48	10.30	11.10	13.00	15.05
45.0	1.72	2.31	2.95	3.67	4.49	5.42	6.48	7.70	8.23	9.08	9.85	10.65	12.45	14.45
50.0	1.62	2.19	2.81	3.50	4.28	5.16	6.18	7.34	7.85	8.67	9.40	10.20	11.90	13.85
55.0	1.51	2.06	2.66	3.31	4.05	4.89	5.86	6.96	7.45	8.22	8.92	9.67	11.30	13.15
60.0	1.40	1.92	2.49	3.11	3.81	4.61	5.52	6.56	7.02	7.76	8.42	9.13	10.70	12.45
65.0	1.28	1.78	2.32	2.90	3.55	4.30	5.15	6.13	6.57	7.26	7.89	8.56	10.05	11.75
70.0			2.12	2.67	3.27	3.96	4.76	5.68	6.08	6.74	7.33	7.96	9.37	11.00
75.0				2.41	2.97	3.61	4.34	5.19	5.57	6.18	6.74	7.33		

Cond	Power, kW													
°C	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0	20.0	25.0
10.0	0.80	0.81	0.83	0.84	0.86	0.89	0.92							
15.0	0.96	0.97	0.98	0.99	1.00	1.02	1.03	1.05						
20.0	1.11	1.12	1.12	1.12	1.13	1.14	1.15	1.16	1.16	1.17				
25.0	1.24	1.25	1.25	1.26	1.26	1.27	1.27	1.27	1.27	1.28	1.28	1.28		
30.0	1.36	1.37	1.38	1.38	1.39	1.40	1.40	1.40	1.39	1.39	1.38	1.38	1.38	
35.0	1.47	1.48	1.50	1.52	1.52	1.52	1.53	1.52	1.52	1.52	1.52	1.51	1.50	1.48
40.0	1.57	1.60	1.62	1.64	1.66	1.66	1.67	1.67	1.67	1.66	1.66	1.66	1.64	1.62
45.0	1.67	1.71	1.75	1.78	1.80	1.82	1.83	1.83	1.83	1.83	1.82	1.82	1.81	1.78
50.0	1.76	1.82	1.88	1.92	1.95	1.98	2.00	2.01	2.01	2.02	2.01	2.01	2.00	1.98
55.0	1.86	1.94	2.01	2.06	2.11	2.15	2.19	2.21	2.22	2.22	2.23	2.23	2.22	2.21
60.0	1.96	2.06	2.14	2.22	2.29	2.35	2.39	2.43	2.44	2.45	2.46	2.47	2.47	2.47
65.0	2.06	2.18	2.29	2.39	2.48	2.56	2.62	2.67	2.69	2.71	2.73	2.74	2.76	2.76
70.0			2.45	2.58	2.69	2.79	2.87	2.94	2.97	3.00	3.03	3.05	3.08	3.10
75.0				2.78	2.92	3.04	3.15	3.24	3.28	3.32	3.36	3.39		

Cond	Inverter Current at 400 V, A													
°C	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0	20.0	25.0
10.0	1.66	1.68	1.70	1.73	1.76	1.80	1.85							
15.0	2.04	2.05	2.06	2.08	2.10	2.12	2.15	2.19						
20.0	2.37	2.37	2.38	2.39	2.41	2.42	2.44	2.45	2.46	2.47				
25.0	2.65	2.66	2.68	2.69	2.70	2.70	2.71	2.71	2.72	2.72	2.72	2.72		
30.0	2.90	2.93	2.94	2.96	2.97	2.98	2.98	2.98	2.97	2.97	2.97	2.96	2.95	
35.0	3.13	3.16	3.19	3.22	3.23	3.24	3.25	3.24	3.24	3.23	3.23	3.22	3.19	3.16
40.0	3.33	3.38	3.43	3.47	3.50	3.51	3.52	3.52	3.52	3.51	3.51	3.50	3.47	3.43
45.0	3.51	3.59	3.66	3.72	3.76	3.79	3.81	3.82	3.82	3.82	3.81	3.80	3.78	3.74
50.0	3.68	3.79	3.89	3.97	4.04	4.09	4.12	4.15	4.15	4.15	4.15	4.15	4.12	4.09
55.0	3.85	4.00	4.12	4.24	4.33	4.40	4.46	4.50	4.51	4.52	4.53	4.53	4.52	4.49
60.0	4.02	4.21	4.37	4.52	4.64	4.74	4.83	4.89	4.91	4.93	4.95	4.96	4.96	4.94
65.0	4.20	4.43	4.64	4.82	4.98	5.12	5.23	5.32	5.36	5.39	5.42	5.44	5.46	5.46
70.0			4.93	5.15	5.36	5.53	5.68	5.81	5.85	5.91	5.95	5.98	6.03	6.05
75.0				5.52	5.77	5.99	6.18	6.35	6.40	6.48	6.54	6.59		

Cond	Suction Mass Flow, g/s													
°C	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0	20.0	25.0
10.0	7.36	9.03	10.90	13.05	15.50	18.25	21.40							
15.0	7.15	8.88	10.80	13.00	15.50	18.30	21.40	25.00						
20.0	6.98	8.78	10.75	13.00	15.50	18.30	21.50	25.10	26.60	29.10				
25.0	6.85	8.70	10.75	13.00	15.50	18.35	21.60	25.10	26.70	29.20	31.30	33.60		
30.0	6.75	8.66	10.75	13.00	15.60	18.45	21.60	25.20	26.80	29.20	31.40	33.70	38.70	
35.0	6.68	8.65	10.75	13.05	15.65	18.50	21.70	25.30	26.90	29.30	31.50	33.80	38.80	44.30
40.0	6.64	8.65	10.80	13.15	15.70	18.60	21.80	25.40	26.90	29.40	31.60	33.90	38.90	44.40
45.0	6.60	8.67	10.85	13.20	15.80	18.65	21.90	25.40	27.00	29.50	31.60	33.90	38.90	44.40
50.0	6.57	8.69	10.90	13.25	15.85	18.70	21.90	25.50	27.00	29.50	31.70	34.00	38.90	44.50
55.0	6.54	8.70	10.95	13.30	15.90	18.75	21.90	25.50	27.00	29.50	31.60	33.90	38.90	44.40
60.0	6.49	8.70	10.95	13.30	15.90	18.70	21.90	25.40	26.90	29.40	31.50	33.80	38.80	44.40
65.0	6.39	8.65	10.90	13.30	15.85	18.65	21.80	25.30	26.80	29.20	31.40	33.70	38.70	44.20
70.0			10.85	13.20	15.70	18.50	21.60	25.10	26.60	29.00	31.20	33.40	38.40	44.00
75.0				13.00	15.50	18.25	21.30	24.70	26.30	28.70	30.80	33.10		

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 50 Hz, m³/h	8.40
Length/Width, mm	198/194
Height, mm	385
Net Weight, kg	17.7
Stub Suction, inch	3/4
Stub Discharge, inch	1/2
Drive Frequency Range, Hz	60 - 360
Compressor Speed Range, 1/min	1200 - 7200
Oil Quantity, l	1.18
Oil type (original charge)	POE Hatcol 4467
Oil type (approved oils)	POE Hatcol 4467
Sound Pressure @ 1m (HT), dBA	66
Sound Power (HT), dBA	77
Sound Conditions (HT, Temperatures: Evap./Cond./Suction at freq./speed)	-7 / 50 / 3 °C at 75 Hz
PED Category	2
Max. Internal Free Volume, l	3.40
High Side PS gauge, bar	32
Low Side PS gauge, bar	17
Low Side TS Max., °C	50
Low Side TS Min., °C	-35
Refrigerant's GWP	3
Refrigerant's classification	A3

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

Maximum Operating Current, A	15
Winding Resistance, ohm	0.84/0.84/0.84 (T1-T2/T2-T3/T3-T1)
Default Enclosure Class	Not Available

ACCESSORIES INCLUDED

ACCESSORIES OPTIONAL

MOTOR OPTIONS

Motor Code	Power Supply	Nominal Voltage, V	Start Connection	DOL Connection	Amps Factor
9E9	380-420 V / 3~ / 50 Hz	400	Y		1.00