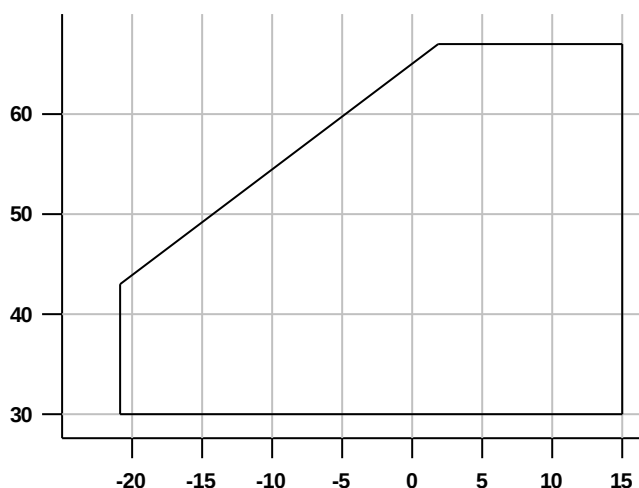


50Hz

ZR34K3E-TFD

R407C Dew Point



Minimum evaporating temp. with:

—— 10K Suction Superheat

Suction Superheat 10,0K

Evaporating Temperature °C

Liquid subcooling 0,0K

Cond °C	Capacity kW									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	2,91	3,73	4,70	5,84	7,18	8,73	9,42	10,50	11,50	12,55
35	2,69	3,48	4,43	5,53	6,83	8,33	8,99	10,05	11,00	12,05
40	2,47	3,23	4,14	5,20	6,45	7,90	8,54	9,57	10,50	11,45
45		2,96	3,83	4,85	6,05	7,44	8,05	9,04	9,93	10,90
50			3,51	4,48	5,63	6,95	7,54	8,49	9,34	10,25
55				4,10	5,18	6,45	7,01	7,91	8,72	9,60
60					4,72	5,91	6,45	7,30	8,08	8,91
65					4,24	5,36	5,86	6,67	7,40	8,19
67						5,13	5,62	6,41	7,13	7,90
	Power Input kW									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	1,42	1,42	1,41	1,41	1,40	1,38	1,37	1,36	1,34	1,32
35	1,61	1,61	1,61	1,60	1,60	1,58	1,57	1,55	1,53	1,50
40	1,83	1,83	1,83	1,83	1,82	1,79	1,78	1,76	1,73	1,70
45		2,08	2,08	2,08	2,07	2,04	2,03	2,00	1,97	1,94
50			2,36	2,36	2,35	2,32	2,30	2,27	2,24	2,20
55				2,68	2,66	2,63	2,61	2,58	2,55	2,50
60					3,02	2,98	2,96	2,93	2,89	2,84
65					3,42	3,38	3,36	3,32	3,28	3,23
67						3,55	3,53	3,49	3,44	3,39
	Current 400V, A									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	3,34	3,33	3,32	3,32	3,31	3,29	3,28	3,26	3,23	3,20
35	3,53	3,52	3,52	3,52	3,51	3,49	3,48	3,45	3,42	3,38
40	3,77	3,77	3,77	3,77	3,77	3,74	3,72	3,69	3,66	3,61
45		4,07	4,08	4,08	4,07	4,04	4,02	3,98	3,94	3,89
50			4,43	4,44	4,43	4,39	4,37	4,32	4,28	4,22
55				4,86	4,84	4,80	4,78	4,73	4,68	4,61
60					5,33	5,28	5,25	5,19	5,14	5,07
65					5,89	5,83	5,80	5,73	5,67	5,59
67						6,07	6,03	5,97	5,90	5,82
	Mass Flow g/s									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	17,00	21,40	26,60	32,60	39,40	47,30	50,70	56,20	61,00	66,20
35	16,50	21,00	26,20	32,30	39,20	47,10	50,60	56,10	61,00	66,20
40	15,90	20,50	25,80	31,80	38,80	46,80	50,30	55,90	60,80	66,10
45		19,80	25,20	31,30	38,40	46,40	49,90	55,50	60,50	65,80
50			24,40	30,60	37,70	45,80	49,40	55,10	60,10	65,50
55				29,80	37,00	45,20	48,70	54,50	59,50	65,00
60					36,10	44,30	47,90	53,70	58,90	64,40
65					35,00	43,40	47,00	52,90	58,10	63,70
67						42,90	46,60	52,50	57,80	63,40

50Hz

ZR34K3E-TFD

R407C Dew Point

Copeland Scroll - Compressor - Air Conditioning - Standard

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 50 Hz, cu.m/h	8.03
Length/Width, mm	242/242
Height, mm	386
Net Weight, kg	26
Gross Weight, kg	30
Stub Suction, inch	3/4
Stub Discharge, inch	1/2
Oil Quantity, l	1.1
Base mounting (hole dia), mm	190 x 190 (8.5)
Sound Pressure @ 1m (HT), dBA	57
Sound Power (HT), dBA	68
PED Category	1
Internal Free Volume, l	3.4
High Side PS, bar(g)	29.5
Low Side PS, bar(g)	20
Low Side TS Max., °C	50

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

Maximum Operating Current, A	6.3
Locked Rotor Current, A	40
Winding Resistance, ohm	4.83
Default Enclosure Class	IP 21 (IEC 34)

ACCESSORIES INCLUDED

Discharge Temperature Protection	Internal Thermodisk
Mounting Grommets	Standard

ACCESSORIES OPTIONAL

Crankcase Heater	70 W External
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MOTOR OPTIONS

Power Supply	Nominal Voltage	Motor Code	Start Connection	DOL Connection	Amps Factor
380-420 V/3~/50H	400	TFD		Y	1,00
200-220 V/3~/50H	200	TF5		Y	2,09
200-230 V/3~/60H	230	TF5		Y	2,09
460 V/3~/60Hz	460	TFD		Y	1,04