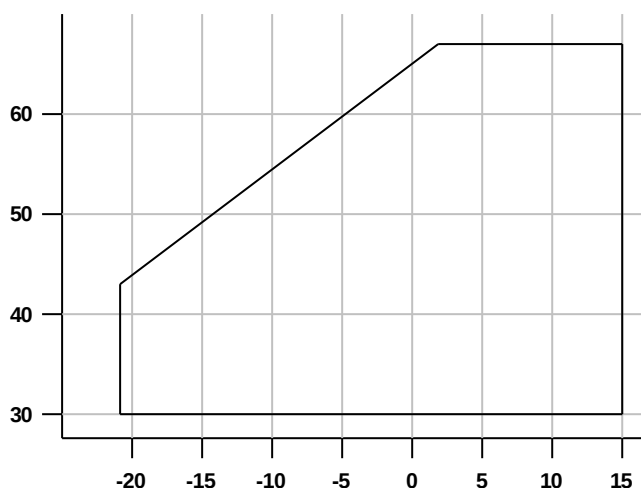


50Hz

ZR22K3E-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	1,88	2,39	3,02	3,77	4,65	5,66	6,11	6,81	7,43	8,08
35	1,74	2,24	2,85	3,58	4,45	5,43	5,86	6,55	7,15	7,79
40	1,60	2,08	2,67	3,38	4,21	5,16	5,58	6,25	6,83	7,45
45		1,91	2,47	3,15	3,95	4,87	5,27	5,91	6,47	7,07
50			2,28	2,91	3,67	4,54	4,92	5,53	6,07	6,65
55				2,67	3,37	4,19	4,55	5,13	5,64	6,18
60					3,06	3,82	4,16	4,70	5,18	5,69
65					2,74	3,44	3,75	4,24	4,69	5,16
67						3,28	3,58	4,06	4,49	4,94
	Power Input kW									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	0,95	0,94	0,94	0,94	0,93	0,92	0,92	0,91	0,90	0,88
35	1,07	1,07	1,07	1,06	1,06	1,05	1,04	1,03	1,01	1,00
40	1,21	1,21	1,21	1,21	1,20	1,19	1,18	1,16	1,15	1,13
45		1,37	1,37	1,37	1,36	1,35	1,34	1,32	1,30	1,28
50			1,55	1,55	1,54	1,53	1,52	1,50	1,48	1,45
55				1,76	1,75	1,73	1,72	1,70	1,67	1,65
60					1,98	1,96	1,95	1,92	1,90	1,87
65					2,24	2,22	2,20	2,18	2,15	2,12
67						2,33	2,31	2,29	2,26	2,23
	Current 400V, A									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	2,13	2,12	2,12	2,11	2,11	2,10	2,09	2,08	2,06	2,04
35	2,27	2,26	2,26	2,26	2,25	2,24	2,23	2,21	2,19	2,16
40	2,43	2,43	2,43	2,43	2,42	2,41	2,40	2,37	2,35	2,32
45		2,62	2,63	2,63	2,63	2,61	2,60	2,57	2,54	2,51
50			2,87	2,88	2,87	2,85	2,83	2,80	2,77	2,73
55				3,16	3,15	3,12	3,11	3,07	3,04	2,99
60					3,47	3,44	3,43	3,39	3,35	3,30
65					3,85	3,82	3,79	3,75	3,71	3,66
67						3,98	3,96	3,91	3,87	3,82
	Mass Flow g/s									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	11,00	13,70	17,10	21,00	25,50	30,70	32,90	36,30	39,40	42,60
35	10,70	13,50	16,90	20,90	25,50	30,70	33,00	36,50	39,60	42,90
40	10,40	13,20	16,60	20,70	25,30	30,60	32,90	36,50	39,60	42,90
45		12,80	16,30	20,30	25,00	30,40	32,60	36,30	39,40	42,80
50			15,80	19,90	24,60	29,90	32,20	35,90	39,10	42,40
55				19,40	24,10	29,40	31,70	35,30	38,50	41,90
60					23,40	28,70	30,90	34,60	37,70	41,10
65					22,70	27,80	30,10	33,60	36,80	40,10
67						27,40	29,70	33,20	36,40	39,70

50Hz

ZR22K3E-TFD

R407C Dew Point

Copeland Scroll - Compressor - Air Conditioning - Standard

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 50 Hz, cu.m/h	5.34
Length/Width, mm	242/242
Height, mm	363
Net Weight, kg	22
Gross Weight, kg	26
Stub Suction, inch	3/4
Stub Discharge, inch	1/2
Oil Quantity, l	1
Base mounting (hole dia), mm	190 x 190 (8.5)
Sound Pressure @ 1m (HT), dBA	54
Sound Power (HT), dBA	65
PED Category	1
Internal Free Volume, l	2.9
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	4.2
Locked Rotor Current, A	24
Winding Resistance, ohm	8.64
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

<i>Power Supply</i>	<i>Nominal Voltage</i>	<i>Motor Code</i>	<i>Start Connection</i>	<i>DOL Connection</i>	<i>Amps Factor</i>
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