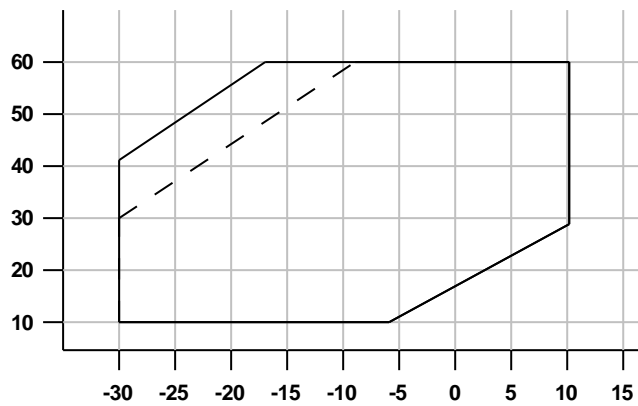


50Hz

ZB95KCE-TFD

R404A



Minimum evaporating temp. with:

———— 10K Suction Superheat

- - - 20°C Suction Gas Return

Suction Return Temperature 20,0°C

Evaporating Temperature °C

Liquid subcooling 0,0K

Cond °C	Capacity kW									
	-30	-25	-20	-15	-10	-5	0	5	7	10
10	14,90	18,45	22,70	27,80	33,80					
20	13,40	16,80	20,80	25,40	30,80	37,00	44,00			
30	11,45	14,75	18,45	22,70	27,50	33,00	39,30	46,30	49,40	54,20
35		13,50	17,10	21,10	25,70	30,90	36,80	43,30	46,20	50,70
40			15,60	19,45	23,80	28,70	34,10	40,30	42,90	47,20
45				17,65	21,70	26,30	31,40	37,10	39,50	43,50
50				15,65	19,50	23,70	28,50	33,70	36,00	39,60
55					17,05	21,00	25,40	30,30	32,30	35,60
60						18,15	22,20	26,60	28,50	31,50
	Power Input kW									
	-30	-25	-20	-15	-10	-5	0	5	7	10
10	4,54	4,66	4,80	4,95	5,09					
20	5,75	5,82	5,93	6,07	6,23	6,38	6,52			
30	7,37	7,34	7,38	7,47	7,59	7,74	7,89	8,03	8,08	8,14
35		8,30	8,29	8,33	8,42	8,55	8,69	8,83	8,88	8,95
40			9,35	9,34	9,38	9,47	9,59	9,72	9,77	9,85
45				10,50	10,50	10,55	10,65	10,75	10,80	10,85
50				11,85	11,80	11,80	11,80	11,90	11,90	12,00
55					13,30	13,20	13,20	13,20	13,25	13,25
60						14,85	14,75	14,70	14,70	14,75
	Current 400V, A									
	-30	-25	-20	-15	-10	-5	0	5	7	10
10	11,72	11,84	11,99	12,13	12,26					
20	12,95	13,03	13,17	13,34	13,52	13,69	13,85			
30	14,91	14,87	14,92	15,03	15,20	15,38	15,58	15,76	15,83	15,91
35		16,13	16,11	16,17	16,29	16,46	16,64	16,84	16,91	17,01
40			17,56	17,55	17,61	17,73	17,90	18,08	18,15	18,26
45				19,21	19,20	19,26	19,37	19,53	19,59	19,70
50				21,20	21,09	21,07	21,12	21,22	21,27	21,36
55					23,32	23,20	23,17	23,21	23,24	23,29
60						25,70	25,57	25,52	25,52	25,53
	Mass Flow g/s									
	-30	-25	-20	-15	-10	-5	0	5	7	10
10	83,50	104,00	129,00	159,00	194,00					
20	82,00	103,50	128,50	158,00	193,00	234,00	282,00			
30	77,50	100,00	126,00	156,00	191,00	232,00	278,00	333,00	357,00	397,00
35		97,00	123,50	154,00	189,00	229,00	276,00	331,00	355,00	394,00
40			120,00	151,00	186,00	226,00	273,00	328,00	352,00	391,00
45				146,00	182,00	223,00	270,00	324,00	348,00	388,00
50				139,50	176,00	217,00	265,00	320,00	344,00	384,00
55					169,00	211,00	259,00	315,00	340,00	380,00
60						202,00	252,00	309,00	335,00	377,00

**Copeland Scroll - Compressor - Refrigeration - Standard**
**COMPRESSOR MECHANICAL AND PHYSICAL DATA**

Displacement @ 50 Hz, cu.m/h	36.4
Length/Width, mm	264/285
Height, mm	564
Net Weight, kg	64.9
Rotalock Suction, inch	1 3/4
Rotalock Discharge, inch	1 1/4
Oil Quantity, l	3.2
Base mounting (hole dia), mm	190 x 190 (8.5)
Sound Pressure @ 1m, dBA	67
Sound Power, dBA	78
Sound Power with Sound Shell, dBA	68
PED Category	2
High Side PS, bar(g)	32
Low Side PS, bar(g)	22.6
Low Side TS Max., °C	50
Low Side TS Min., °C	-35
Internal Free Volume, l	14

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

Maximum Operating Current, A	28.2
Locked Rotor Current, A	140
Winding Resistance, ohm	1.1
Default Enclosure Class	IP 21 (IEC 34)

**ACCESSORIES INCLUDED**

Discharge Temperature Protection	Internal Thermistor
Mounting Grommets	Standard

**ACCESSORIES OPTIONAL**

Crankcase Heater	90W External
Enclosure Class	IP66 With Molded Plug
Mounting Grommets	Hard Mounts for Paralleling
Oil Control System	ALCO Trax-Oil OM3
Sound Attenuation	Sound Shell (10dBA)
Rotalock valves	suction and discharge

**MOTOR OPTIONS**

<b>Power Supply</b>	<b>Nominal Voltage</b>	<b>Motor Code</b>	<b>Start Connection</b>	<b>DOL Connection</b>	<b>Amps Factor</b>
380-420 V/3~/50H	400	TFD		Y	1,00
460 V/3~/60Hz	460	TFD		Y	1,04
575 V/3~/60Hz	575	TWE		Y	0,80
380 V/3~/60Hz	380	TW7		Y	1,26
200-230 V/3~/60H	230	TW5		Y	2,30