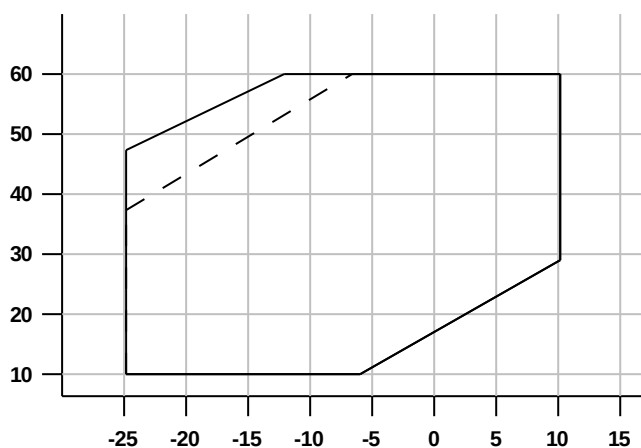


50Hz

ZB95K5E-TFD

R404A Dew Point



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								
	-25	-20	-15	-10	-5	0	5	7	10
10	19,00	23,30	28,40	34,50					
20	17,30	21,30	25,90	31,20	37,50	44,90			
30	15,15	19,00	23,30	28,10	33,60	39,90	47,30	50,60	55,80
35	13,75	17,65	21,80	26,30	31,50	37,40	44,20	47,20	52,10
40		16,05	20,10	24,50	29,30	34,80	41,10	43,80	48,30
45			18,15	22,40	27,00	32,10	37,80	40,40	44,40
50				20,10	24,40	29,20	34,50	36,80	40,50
55				17,40	21,60	26,00	30,90	33,00	36,40
60					18,40	22,60	27,10	29,10	32,20
	Power Input kW								
	-25	-20	-15	-10	-5	0	5	7	10
10	4,64	4,79	4,96	5,13					
20	5,75	5,86	6,01	6,17	6,33	6,47			
30	7,25	7,30	7,40	7,52	7,66	7,79	7,90	7,93	7,95
35	8,18	8,19	8,26	8,36	8,48	8,59	8,69	8,72	8,75
40		9,23	9,25	9,32	9,41	9,51	9,59	9,62	9,65
45			10,40	10,45	10,50	10,55	10,60	10,65	10,65
50				11,70	11,70	11,75	11,80	11,80	11,80
55				13,15	13,10	13,10	13,15	13,15	13,15
60					14,70	14,65	14,65	14,65	14,60
	Current 400V, A								
	-25	-20	-15	-10	-5	0	5	7	10
10	12,19	12,36	12,56	12,76					
20	13,44	13,58	13,77	13,98	14,18	14,34			
30	15,34	15,41	15,55	15,73	15,92	16,10	16,23	16,27	16,29
35	16,61	16,63	16,73	16,89	17,06	17,23	17,36	17,40	17,43
40		18,10	18,15	18,27	18,41	18,56	18,68	18,72	18,75
45			19,83	19,90	20,01	20,13	20,23	20,27	20,30
50				21,82	21,88	21,96	22,04	22,06	22,08
55				24,05	24,06	24,09	24,13	24,15	24,15
60					26,57	26,55	26,54	26,54	26,52
	Mass Flow g/s								
	-25	-20	-15	-10	-5	0	5	7	10
10	107,50	132,00	162,00	198,00					
20	106,50	132,00	161,00	196,00	238,00	288,00			
30	103,00	130,00	160,00	195,00	235,00	283,00	340,00	366,00	409,00
35	99,00	127,50	158,00	193,00	234,00	281,00	337,00	363,00	404,00
40		123,00	155,00	191,00	232,00	279,00	334,00	359,00	400,00
45			150,00	187,00	228,00	275,00	331,00	356,00	397,00
50				181,00	223,00	271,00	327,00	352,00	393,00
55				172,00	216,00	265,00	322,00	347,00	388,00
60					206,00	257,00	316,00	342,00	384,00

50Hz

ZB95K5E-TFD

R404A Dew Point

Copeland Scroll - Compressor - Refrigeration - MT Standard

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 50 Hz, cu.m/h	36.4
Length/Width, mm	280/280
Height, mm	552
Net Weight, kg	64.9
Rotalock Suction, inch	1 3/4
Rotalock Discharge, inch	1 1/4
Oil Quantity, l	3.37
Base mounting (hole dia), mm	190 x 190 (0.0)
Sound Pressure @ 1m (MT), dBA	69
Sound Power (MT), dBA	80
Sound Power with Sound Shell (MT), dBA	70
High Side PS, bar(g)	32
Low Side PS, bar(g)	22.6

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

Maximum Operating Current, A	28.2
Locked Rotor Current, A	140
Winding Resistance, ohm	1.09/1.09/0 (T1-T2/T2-T3/T3-T1)
Default Enclosure Class	IP 54 (IEC 34)

ACCESSORIES INCLUDED

Discharge Temperature Protection	Internal Thermistor
Mounting Grommets	Standard

ACCESSORIES OPTIONAL

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

MOTOR OPTIONS

Power Supply	Nominal Voltage	Motor Code	Start Connection	DOL Connection	Amps Factor
380-420 V/3~/50H	400	TFD		Y	1,00
460 V/3~/60Hz	460	TFD		Y	1,04
380 V/3~/60Hz	380	TF7		Y	1,26