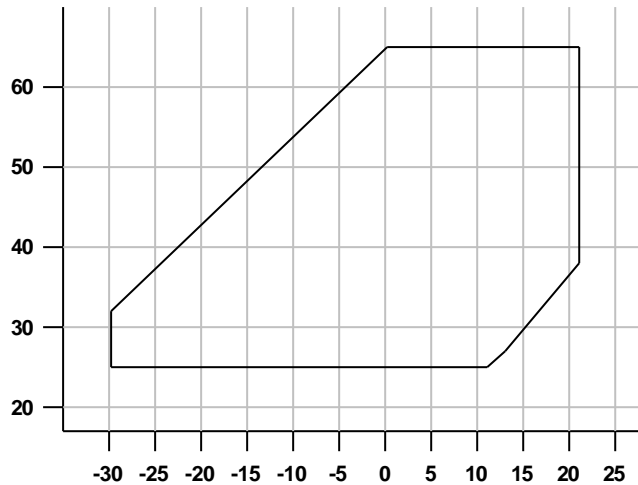


50Hz

ZP182KCE-TFD

R410A



Minimum evaporating temp. with:
 ——— 10K Suction Superheat

Suction Superheat 10,0K

Evaporating Temperature °C

Liquid subcooling 0,0K

Cond °C	Capacity kW												
	-30	-25	-20	-15	-10	-5	0	5	7	10	12,5	15	20
25	12,50	16,45	20,70	25,40	30,80	37,10	44,50	53,10	57,00	63,20			
30	11,15	15,20	19,40	24,00	29,30	35,30	42,20	50,40	54,00	59,90	65,20	70,90	
35		13,85	18,10	22,60	27,70	33,40	40,00	47,60	51,00	56,60	61,50	66,90	
40			16,65	21,10	26,00	31,50	37,70	44,90	48,10	53,20	57,90	62,90	74,10
45				19,45	24,20	29,40	35,30	42,00	45,00	49,80	54,20	58,90	69,30
50					22,20	27,10	32,70	39,00	41,80	46,30	50,30	54,70	64,40
55						24,60	29,80	35,70	38,30	42,50	46,20	50,20	59,20
60							26,70	32,10	34,50	38,30	41,70	45,40	53,60
65							23,00	28,00	30,10	33,60	36,70	40,00	47,40
	Power Input kW												
	-30	-25	-20	-15	-10	-5	0	5	7	10	12,5	15	20
25	6,76	6,84	6,93	7,03	7,13	7,23	7,32	7,39	7,41	7,43			
30	7,54	7,60	7,69	7,80	7,91	8,02	8,13	8,23	8,27	8,31	8,34	8,37	
35		8,46	8,54	8,64	8,75	8,87	8,99	9,10	9,15	9,21	9,25	9,29	
40			9,51	9,59	9,69	9,80	9,92	10,05	10,10	10,15	10,20	10,25	10,35
45				10,70	10,75	10,85	10,95	11,10	11,10	11,20	11,25	11,30	11,40
50					12,00	12,05	12,15	12,25	12,30	12,35	12,40	12,45	12,55
55						13,45	13,50	13,60	13,60	13,65	13,70	13,75	13,85
60							15,10	15,10	15,15	15,15	15,20	15,25	15,30
65							16,90	16,90	16,90	16,90	16,90	16,95	16,95
	Current 400V, A												
	-30	-25	-20	-15	-10	-5	0	5	7	10	12,5	15	20
25	16,40	16,55	16,68	16,79	16,89	16,98	17,07	17,15	17,19	17,24			
30	17,16	17,34	17,51	17,65	17,78	17,90	18,02	18,13	18,18	18,25	18,31	18,38	
35		18,27	18,45	18,62	18,77	18,91	19,05	19,18	19,23	19,32	19,39	19,46	
40			19,58	19,75	19,91	20,06	20,21	20,35	20,40	20,49	20,56	20,63	20,79
45				21,12	21,27	21,42	21,55	21,69	21,74	21,82	21,89	21,96	22,11
50					22,90	23,03	23,15	23,27	23,32	23,39	23,45	23,51	23,64
55						24,96	25,06	25,14	25,18	25,23	25,28	25,32	25,42
60							27,33	27,37	27,39	27,42	27,44	27,47	27,52
65							30,02	30,01	30,01	30,00	30,00	30,00	30,00
	Mass Flow g/s												
	-30	-25	-20	-15	-10	-5	0	5	7	10	12,5	15	20
25	70,10	91,00	113,00	137,00	164,00	196,00	232,00	274,00	293,00	324,00			
30	65,60	88,00	111,00	135,50	163,00	194,00	230,00	272,00	290,00	320,00	347,00	376,00	
35		84,50	109,00	134,50	162,00	193,00	229,00	270,00	288,00	317,00	344,00	372,00	
40			106,00	132,50	161,00	192,00	228,00	268,00	286,00	315,00	341,00	369,00	431,00
45				130,00	159,00	191,00	226,00	266,00	284,00	312,00	338,00	365,00	426,00
50					156,00	188,00	224,00	263,00	281,00	309,00	334,00	361,00	422,00
55						184,00	220,00	260,00	277,00	305,00	330,00	357,00	417,00
60							215,00	255,00	273,00	300,00	325,00	352,00	411,00
65							208,00	249,00	266,00	294,00	319,00	346,00	405,00

Copeland Scroll - Compressor - Air Conditioning - Standard

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 50 Hz, cu.m/h	29.1
Length/Width, mm	264/284
Height, mm	552
Net Weight, kg	66
Gross Weight, kg	77
Stub Suction, inch	1 3/8
Stub Discharge, inch	7/8
Oil Quantity, l	3.38
Base mounting (hole dia), mm	190 x 190 (19.0)
Sound Pressure @ 1m (HT), dBA	66
Sound Power (HT), dBA	77
PED Category	2
Internal Free Volume, l	14
High Side PS, bar(g)	45
Low Side PS, bar(g)	29.5
Low Side TS Max., °C	50
Low Side TS Min., °C	-35

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

Maximum Operating Current, A	34
Locked Rotor Current, A	174
Winding Resistance, ohm	0.83
Default Enclosure Class	IP 21 (IEC 34)

ACCESSORIES OPTIONAL

Mounting Grommets	Hard Mounts for Paralleling
Mounting Grommets	Rubber Grommet For Single

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	TW5		Y	2,30
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