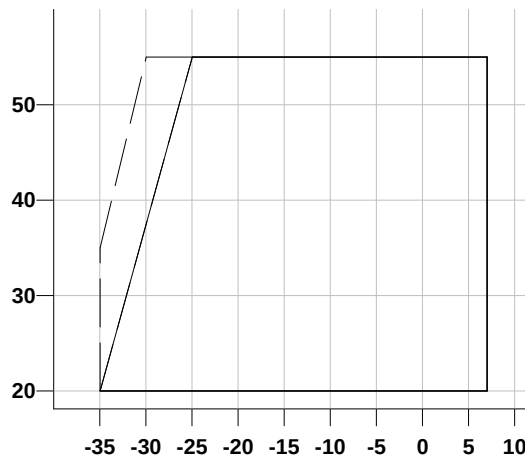


50Hz

D6SJ-400X

R404A Dew Point



Minimum evaporating temp. with:

————— 20°C Suction Gas Return ASERCOM Certified

- - - - - 25°C Suction Gas Return

..... 25°C Suction Gas Return + Fan

Suction Return Temperature 20,0°C

Evaporating Temperature °C

Liquid subcooling 0,0K

Cond °C	Capacity kW									
	-35	-30	-25	-20	-15	-10	-5	0	5	7
20	29,00	38,20	49,10	62,00	77,00	94,40	114,50	137,00	163,00	174,00
25	26,40	35,30	45,70	57,90	72,10	88,50	107,50	128,50	153,00	163,50
30	23,90	32,30	42,20	53,60	66,90	82,30	99,80	120,00	142,50	152,50
35	21,30	29,30	38,60	49,30	61,70	75,90	92,20	111,00	132,00	141,00
40		26,40	35,00	44,90	56,30	69,40	84,40	101,50	121,00	129,50
45		23,50	31,40	40,50	50,80	62,70	76,40	92,00	110,00	117,50
50		20,60	27,80	36,00	45,30	56,00	68,30	82,40	98,40	105,50
55		17,90	24,40	31,60	39,80	49,30	60,10	72,60	86,90	93,20
	Power Input kW									
	-35	-30	-25	-20	-15	-10	-5	0	5	7
20	13,15	15,25	17,25	19,10	20,70	22,00	23,00	23,50	23,60	23,50
25	13,35	15,65	17,90	20,00	21,90	23,60	25,00	25,90	26,50	26,50
30	13,55	16,00	18,50	20,90	23,10	25,10	26,80	28,20	29,20	29,50
35	13,70	16,35	19,00	21,60	24,20	26,50	28,60	30,40	31,80	32,30
40		16,55	19,45	22,30	25,10	27,80	30,20	32,40	34,30	34,90
45		16,70	19,75	22,90	25,90	28,90	31,70	34,30	36,50	37,40
50		16,70	19,95	23,30	26,60	29,80	33,00	35,90	38,60	39,60
55		16,50	19,95	23,50	27,00	30,60	34,00	37,30	40,40	41,50
	Current 400V, A									
	-35	-30	-25	-20	-15	-10	-5	0	5	7
20	31,64	33,80	36,04	38,21	40,21	41,89	43,13	43,81	43,79	43,56
25	31,81	34,21	36,75	39,29	41,72	43,91	45,73	47,06	47,76	47,84
30	32,00	34,62	37,45	40,36	43,22	45,90	48,29	50,25	51,65	52,03
35	32,17	35,00	38,10	41,35	44,63	47,80	50,74	53,32	55,42	56,10
40		35,28	38,65	42,24	45,92	49,56	53,05	56,24	59,02	59,99
45		35,43	39,05	42,96	47,03	51,14	55,15	58,95	62,40	63,65
50		35,39	39,26	43,48	47,93	52,49	57,02	61,40	65,50	67,04
55		35,12	39,22	43,74	48,56	53,55	58,59	63,55	68,30	70,11
	Mass Flow g/s									
	-35	-30	-25	-20	-15	-10	-5	0	5	7
20	177,00	234,00	302,00	384,00	480,00	593,00	724,00	878,00	1055,00	1135,00
25	169,00	227,00	295,00	376,00	471,00	583,00	713,00	865,00	1040,00	1120,00
30	161,00	218,00	287,00	367,00	461,00	571,00	700,00	850,00	1025,00	1105,00
35	151,00	210,00	277,00	356,00	449,00	557,00	684,00	833,00	1005,00	1085,00
40		200,00	267,00	345,00	436,00	542,00	667,00	813,00	984,00	1060,00
45		190,00	256,00	332,00	421,00	525,00	647,00	790,00	960,00	1035,00
50		180,00	245,00	319,00	405,00	506,00	625,00	766,00	933,00	1010,00
55		170,00	234,00	305,00	389,00	487,00	602,00	740,00	904,00	978,00

50Hz

D6SJ-400X

R404A Dew Point

DWM Copeland - Compressor - - S-Series**COMPRESSOR MECHANICAL AND PHYSICAL DATA**

Number of cylinders	6
Displacement @ 50 Hz, cu.m/h	127
Bore/Stroke, mm	74.7/55.6
Length/Width, mm	760/565
Height, mm	545
Net Weight, kg	252
Gross Weight, kg	268
Rotalock Discharge, inch	1 3/8
Suction, inch	2 1/8
Oil Quantity, l	6.8
Frequency Range, Hz	25 - 60
Base mounting (hole dia), mm	381 x 305 (18.0)
Sound Pressure @ 1m, dBA	74
Sound Power, dBA	85
High Side PS, bar(g)	32.5
Low Side PS, bar(g)	22.5

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

Maximum Operating Current, A	71.8
Locked Rotor Current, A	304
Default Enclosure Class	IP 54 (IEC 34)

ACCESSORIES INCLUDED

Oil Pressure Switch	OPS2 Sensor
Mounting Springs	4
Deep Oil Sump	Mounted

ACCESSORIES OPTIONAL

Additional Cooling	70 W Vertical Air Flow Fan
Capacity Control	Capacity Steps 66/33 %
Crankcase Heater	200 W Internal
Discharge Temperature Protection	Head PTC sensor
Enclosure Class	IP 56
Oil Pressure Switch	OPS2 Electronic Switch
Unloaded start	Available
Adapter Kit	For Parallel Operation
Check Valve (NRV)	For unloaded start operation
Oil Control System	ALCO Trax-Oil OM3
Inverter	Emerson Industrial Automation, Unidrive M400 07 400 770

MOTOR OPTIONS

Power Supply	Nominal Voltage	Motor Code	Start Connection	DOL Connection	Amps Factor
380-420 V/3~/50H	400	AWM	YY/Y	Y	1,00
220-240 V/3~/50H	230	EWL	Y/DELTA	DELTA	1,73
380-420 V/3~/50H	400	EWL		Y	1,00
380-420 V/3~/50H	400	EWM	Y/DELTA	DELTA	1,00
220-240 V/3~/50H	230	AWR	YY/Y	Y	1,73
500-550 V/3~/50H	525	AWY	YY/Y	Y	0,76
220-240 V/3~/60H	230	EWK	Y/DELTA	DELTA	2,10
380-420 V/3~/60H	380	EWK		Y	1,20
440-480 V/3~/60H	460	EWD	Y/DELTA	DELTA	1,00
208-230 V/3~/60H	230	AWC	YY/Y	Y	2,19
380 V/3~/60Hz	380	AWX	YY/Y	Y	1,20
440-480 V/3~/60H	460	AWD	YY/Y	Y	1,00