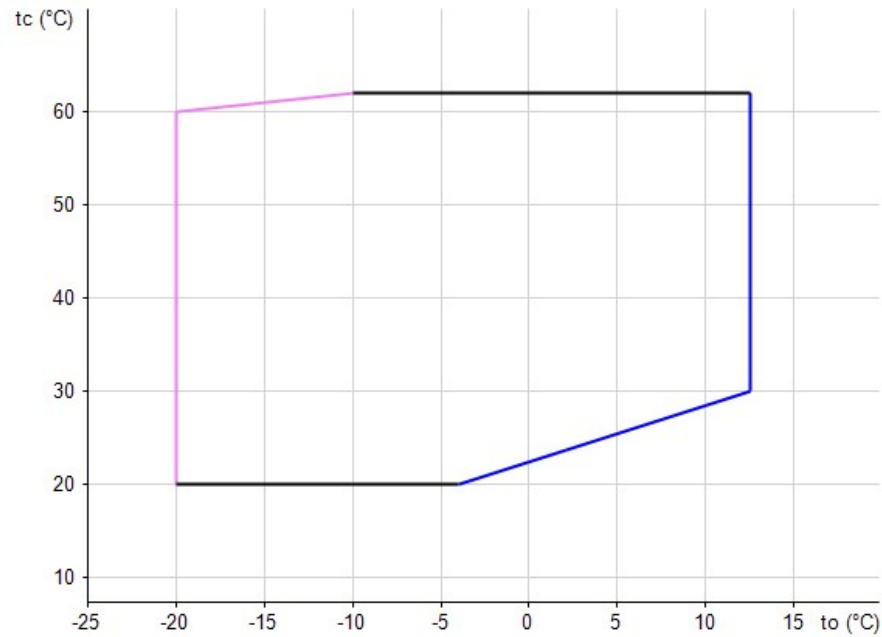


50 Hz

D8SK-600X

R134a



Minimum Evaporating Temp. With:

25 °C Suction Gas Return

Maximum Evaporating Temperature

Suction Superheat 10.0K

Liquid Subcooling 0.0K

Evaporating Temperature, °C

Cond °C	Cooling Capacity, kW								
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
20.0	46.90	61.40	79.60	101.50					
25.0	43.20	57.10	74.50	95.30	119.00				
30.0	39.50	52.70	69.40	89.30	112.00	138.00	149.50	167.00	182.50
35.0	35.80	48.40	64.20	83.20	105.00	130.00	140.50	157.50	172.50
40.0	32.20	44.00	59.10	77.10	98.00	121.50	132.00	148.00	162.50
45.0	28.60	39.70	53.90	70.90	90.80	113.50	123.00	138.50	152.00
50.0	25.00	35.40	48.70	64.70	83.50	105.00	114.00	129.00	142.00
55.0	21.50	31.10	43.40	58.50	76.20	96.40	105.00	119.00	131.50
60.0	18.10	26.80	38.20	52.30	68.80	87.80	96.10	109.00	121.00
62.0			36.10	49.70	65.80	84.30	92.40	105.00	116.50

50 Hz	D8SK-600X	R134a
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Cond °C	Power, kW								
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
20.0	16.95	18.45	19.75	20.70					
25.0	17.60	19.55	21.40	22.80	23.80				
30.0	18.15	20.50	22.70	24.70	26.30	27.20	27.30	27.30	27.00
35.0	18.55	21.20	23.80	26.30	28.40	30.00	30.40	30.80	30.80
40.0	18.85	21.70	24.70	27.60	30.20	32.40	33.10	33.90	34.30
45.0	19.05	22.20	25.50	28.70	31.80	34.50	35.40	36.60	37.40
50.0	19.20	22.50	26.00	29.70	33.20	36.30	37.50	39.00	40.10
55.0	19.35	22.80	26.50	30.40	34.30	37.90	39.20	41.10	42.50
60.0	19.50	23.00	26.90	31.00	35.20	39.20	40.70	42.90	44.50
62.0			27.00	31.20	35.50	39.70	41.30	43.50	45.30

Cond °C	Current at 400 V, A								
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
20.0	55.52	56.60	57.80	58.84					
25.0	56.21	57.64	59.26	60.82	62.04				
30.0	56.74	58.51	60.56	62.61	64.41	65.71	66.03	66.24	66.14
35.0	57.11	59.22	61.67	64.22	66.60	68.55	69.15	69.81	70.11
40.0	57.32	59.75	62.61	65.65	68.59	71.20	72.08	73.19	73.88
45.0	57.36	60.11	63.38	66.90	70.41	73.65	74.82	76.38	77.46
50.0	57.24	60.31	63.97	67.97	72.04	75.92	77.37	79.36	80.84
55.0	56.96	60.34	64.40	68.86	73.49	78.00	79.72	82.16	84.02
60.0	56.52	60.21	64.65	69.58	74.75	79.90	81.89	84.76	87.00
62.0			64.71	69.82	75.21	80.60	82.70	85.74	88.14

Cond °C	Suction Mass Flow, g/s								
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
20.0	281.00	361.00	460.00	574.00					
25.0	271.00	351.00	449.00	563.00	691.00				
30.0	259.00	339.00	437.00	551.00	679.00	820.00	880.00	973.00	1054.00
35.0	247.00	327.00	424.00	538.00	666.00	807.00	867.00	960.00	1040.00
40.0	234.00	313.00	410.00	524.00	652.00	792.00	852.00	945.00	1026.00
45.0	220.00	298.00	395.00	508.00	636.00	776.00	836.00	929.00	1010.00
50.0	205.00	282.00	378.00	491.00	618.00	759.00	819.00	912.00	992.00
55.0	188.50	265.00	360.00	472.00	599.00	739.00	799.00	892.00	973.00
60.0	170.50	245.00	339.00	451.00	577.00	718.00	777.00	871.00	951.00
62.0			330.00	442.00	568.00	708.00	768.00	861.00	942.00

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Number of cylinders	8
Displacement @ 50 Hz, m³/h	210
Bore/Stroke, mm	80.6/59.2
Length/Width, mm	863/541
Height, mm	610
Net Weight, kg	349
Gross Weight, kg	370
Suction, inch	3 1/8
Discharge, inch	2 1/8
Drive Frequency Range, Hz	25 - 60
Oil Quantity, l	7.6
Oil type (original charge)	POE RL32-3MAF
Oil type (approved oils)	POE RL32-3MAF, POE MOBIL EAL Arctic 22 CC
Base mounting (hole dia), mm	457 x 305 (18)
High Side PS gauge, bar	32.5
Low Side PS gauge, bar	22.5
Refrigerant's GWP	1430
Refrigerant's classification	A1

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

Maximum Operating Current, A	88.2
Locked Rotor Current, A	476
Default Enclosure Class	IP 54 (IEC 34)

ACCESSORIES INCLUDED

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

ACCESSORIES OPTIONAL

Discharge Temperature Protection	Head PTC sensor
Oil Pressure Switch	OPS2 Electronic Switch
Enclosure Class	IP 56
Adapter Kit	For Parallel Operation
Crankcase Heater	200 W Internal
Check Valve	For unloaded start operation

MOTOR OPTIONS

Motor Code	Power Supply	Nominal Voltage, V	Start Connection	DOL Connection	Amps Factor
AWM	380-420 V / 3~ / 50 Hz	400	YY/Y	Y	1.00
EWL	220-240 V / 3~ / 50 Hz	230	Y/DELTA	DELTA	1.73
EWL	380-420 V / 3~ / 50 Hz	400		Y	1.00
EWM	380-420 V / 3~ / 50 Hz	400	Y/DELTA	DELTA	1.00
AWR	220-240 V / 3~ / 50 Hz	230	YY/Y	Y	1.73
AWY	500-550 V / 3~ / 50 Hz	525	YY/Y	Y	0.76
EWK	220-240 V / 3~ / 60 Hz	230	Y/DELTA	DELTA	2.10
EWK	380-420 V / 3~ / 60 Hz	380		Y	1.20
EWD	440-480 V / 3~ / 60 Hz	460	Y/DELTA	DELTA	1.00
AWC	208-230 V / 3~ / 60 Hz	230	YY/Y	Y	2.19
AWX	380 V / 3~ / 60 Hz	380	YY/Y	Y	1.20
AWD	440-480 V / 3~ / 60 Hz	460	YY/Y	Y	1.00