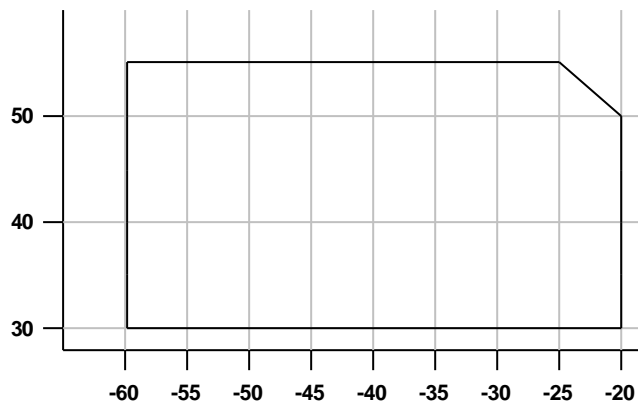


50Hz

6TKW-300E SUB

R404A



Minimum evaporating temp. with:  
 ——— 25°C Suction Gas Return

Suction Return Temperature 20.0°C      **Evaporating Temperature °C**      Liquid subcooling included

Cond °C	Capacity kW								
	-60	-55	-50	-45	-40	-35	-30	-25	-20
30	11.05	14.35	18.15	22.60	27.70	33.60	40.20	47.60	55.90
35	10.60	13.85	17.65	22.00	27.10	32.80	39.30	46.60	54.80
40	10.25	13.45	17.15	21.50	26.40	32.10	38.40	45.60	53.60
45	9.90	13.05	16.70	20.90	25.80	31.30	37.50	44.50	52.40
50	9.67	12.75	16.35	20.50	25.20	30.60	36.70	43.50	51.10
55	9.57	12.55	16.05	20.10	24.70	29.90	35.80	42.50	
	Power Input kW								
	-60	-55	-50	-45	-40	-35	-30	-25	-20
30	10.30	11.95	13.55	15.20	16.95	18.75	20.70	22.90	25.40
35	10.90	12.65	14.35	16.10	17.90	19.85	22.00	24.30	26.90
40	11.50	13.30	15.15	17.00	18.90	21.00	23.20	25.70	28.50
45	12.10	14.00	15.90	17.90	19.95	22.20	24.50	27.20	30.10
50	12.65	14.65	16.70	18.80	21.00	23.30	25.90	28.70	31.70
55	13.20	15.35	17.50	19.70	22.00	24.50	27.20	30.20	
	Current 400V, A								
	-60	-55	-50	-45	-40	-35	-30	-25	-20
30	25.14	27.27	29.50	31.78	34.07	36.33	38.52	40.61	42.56
35	25.89	28.23	30.65	33.12	35.59	38.03	40.39	42.64	44.74
40	26.60	29.17	31.80	34.48	37.15	39.77	42.32	44.74	47.01
45	27.30	30.10	32.97	35.86	38.74	41.57	44.32	46.93	49.37
50	27.99	31.03	34.14	37.27	40.38	43.43	46.39	49.21	51.85
55	28.66	31.98	35.35	38.73	42.08	45.36	48.55	51.58	
	Mass Flow g/s								
	-60	-55	-50	-45	-40	-35	-30	-25	-20
30	47.20	63.20	83.00	107.00	136.00	171.00	212.00	262.00	320.00
35	45.80	61.80	81.50	105.50	134.50	169.00	211.00	260.00	318.00
40	44.50	60.50	80.00	104.00	133.00	167.00	209.00	258.00	315.00
45	43.50	59.30	78.50	102.50	131.00	165.00	206.00	255.00	312.00
50	42.80	58.50	77.50	101.00	129.50	163.00	204.00	253.00	310.00
55	42.70	58.10	77.00	100.50	128.50	162.00	202.00	251.00	

**50Hz****6TKW-300E SUB****R404A****DWM Copeland - Compressor - Semi-hermetic - 2-Stage****COMPRESSOR MECHANICAL AND PHYSICAL DATA**

Number of cylinders	6
Displacement @ 50 Hz, cu.m/h	101.2
Bore/Stroke, mm	80.6/57.0
Length/Width, mm	962/612
Height, mm	619
Net Weight, kg	268
Gross Weight, kg	300
Rotalock Suction, inch	1 5/8
Rotalock Discharge, inch	1 3/8
Oil Quantity, l	6.8
Base mounting (hole dia), mm	381 x 305 (25.5)
High Side PS, bar(g)	28
Low Side PS, bar(g)	22.5

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

Maximum Operating Current, A	54.5
Locked Rotor Current, A	304
Default Enclosure Class	IP 54 (IEC 34)

**ACCESSORIES INCLUDED**

Oil Pressure Switch	OPS2 Sensor
Mounting Springs	4
Liquid Subcooler	Plate Heat Exchanger
Deep Oil Sump	Mounted

**ACCESSORIES OPTIONAL**

Crankcase Heater	100W Internal
Crankcase Heater	200W Internal
Enclosure Class	IP 56
Oil Pressure Switch	OPS2 Electronic Switch
Adapter Kit	For Parallel Operation

**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	AWM	YY/Y	Y	1.00
220-240 V/3~/60H	230	EWK	Y/DELTA	DELTA	2.09
380-420 V/3~/60H	380	EWK		Y	1.26
440-480 V/3~/60H	460	AWD	YY/Y	Y	1.00