



# KAISHAN COMPRESSOR USA, LLC

## TECHNICAL DATA

KCA MODEL	KRSB/T 10-115	KRSB/T 10-125	KRSB/T 10-150	KRSB/T 10-175
<b>GENERAL DATA</b>				
ACFM	39.9	37.1	32.3	26.2
Full load pressure (psig)	115	125	150	175
Maximum pressure (psig)	125	135	160	185
Package KW at rated pressure (A/C)	9.1	9.6	9.2	8.8
Specific power KW/100 cfm (A/C)	22.8	25.9	28.5	33.6
Package KW at rated pressure (W/C)	N/A	N/A	N/A	N/A
Specific power KW/100 cfm (W/C)	N/A	N/A	N/A	N/A
Unloaded power (KW)	2.9	2.9	2.9	2.9
Control type			Load/Unload	
Starter type			Wye-Delta	
<b>AIR END DATA</b>				
Air end model			Patented SKK 5/6 profile	
Number of thrust bearings (male/female)	2-2	2-2	2-2	2-2
Drive type	BELT	BELT	BELT	BELT
Bearing manufacturer	SKF only	SKF only	SKF only	SKF only
<b>COOLING DATA (AIR)</b>				
Ambient temperature rating (min/max)			32/122	
Cooling fan capacity	1178	1178	1178	1178
Heat rejected (BTU/HR)	27420	27420	27420	27420
Max. static back pressure			6mmH2O	
Approach temperature	18	18	18	18
<b>COOLING DATA (WATER)</b>				
Type of heat exchangers	N/A	N/A	N/A	N/A
Cooling fan capacity (cfm)	N/A	N/A	N/A	N/A
Approach temperature	N/A	N/A	N/A	N/A
Heat rejected into cooling water (BTU/HR)	N/A	N/A	N/A	N/A
Heat rejected into cooling air (BTU/HR)	N/A	N/A	N/A	N/A
Maximum outlet temperature	N/A	N/A	N/A	N/A
Maximum inlet temperature	N/A	N/A	N/A	N/A
Minimum cooling water flow (F)	N/A	N/A	N/A	N/A
Water pressure drop (psi)	N/A	N/A	N/A	N/A
<b>SOUND LEVEL</b>				
Sound Level (A/C)	71	71	71	71
Sound Level (W/C)	N/A	N/A	N/A	N/A



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### ELECTRICAL DATA

			NEMA1	
			TEFC	
			F	
Electrical enclosure rating				
Enclosure type (drive and fan)				
Insulation class (drive and fan)				
Drive motor HP	10	10	10	10
Drive motor nominal speed(rpm)	3530	3530	3530	3530
Service Factor	1.15	1.15	1.15	1.15
Drive motor efficiency	90.3%	90.3%	90.3%	90.3%
Fan motor HP #1	0.5	0.5	0.5	0.5
Fan motor HP #2	N/A	N/A	N/A	N/A
Full load package amps 208V/60HZ	29.7	29.9	30.1	30.0
Full load package amps 230V/60HZ	26.9	26.9	27.1	27.3
Full load package amps 460V/60HZ	13.5	13.7	13.8	13.6
Full load package amps 575V/60HZ	12.8	12.8	12.8	12.8

### FILTRATION AND LUBRICATION DATA

Air filter micron rating	5µm	5µm	5µm	5µm
Fluid filter micron rating	23µm	23µm	23µm	23µm
Fluid carryover (PPM)	<3	<3	<3	<3

### COMPRESSOR COOLING FLUID DATA

Fluid capacity (A/C) (Gal)	1.7	1.7	1.7	1.7
Fluid capacity (W/C) (Gal)	N/A	N/A	N/A	N/A
Fluid normal life expectancy (HR)	8000	8000	8000	8000

### PACKAGE INFORMATION

Discharge Connection Base Mount (in)	NPT .75	NPT .75	NPT .75	NPT .75
Discharge Connection Tank Mount (in)	NPT 1	NPT 1	NPT 1	NPT 1
Discharge Connection Tank/Dryer Mount (in)	NPT .50	NPT .50	NPT .50	NPT .50
Dimensions Base Mount LxWxH	40x26x42	40x26x42	40x26x42	40x26x42
Dimensions Tank Mount LxWxH	68x28x71	68x28x72	68x28x73	68x28x74
Dimensions Tank/Dryer Mount LxWxH	71x28x71	71x28x72	71x28x73	71x28x74
Weight Base Mount (lbs)	774	774	774	774
Weight Tank Mount (lbs)	994	994	994	994
Weight Tank/Dryer Mount (lbs)	1054	1054	1054	1054

### PRODUCT FEATURES

Motor brand	Marathon or Weg
Starter and controls brand	Siemens or Schnieder
Enclosure/Cabinet type	Low sound
Inlet filter type	Heavy Duty
Phase monitor	Standard
Cooling fan type (A/C)	Axial
Internal piping	Stainless steel

Effective 2-1-20