



# KAISHAN COMPRESSOR USA, LLC

## TECHNICAL DATA

KCA MODEL	KRSB/T 30-115	KRSB/T 30-125	KRSB/T 30-150	KRSB/T 30-175
<b>GENERAL DATA</b>				
ACFM	128.7	119.7	100.6	74.3
Full load pressure (psig)	115	125	150	175
Maximum pressure (psig)	125	135	160	185
Package KW at rated pressure (A/C)	26.8	25.3	24.4	23.5
Specific power KW/100 cfm (A/C)	20.8	21.1	24.3	31.6
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)	8.5	8.5	8.5	8.5
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	2827	2827	2827	2827
Heat rejected (BTU/HR)	84869	84869	84869	84869
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)	73	73	73	73
Sound Level (W/C)	N/A	N/A	N/A	N/A



**TECHNICAL DATA**

**ELECTRICAL DATA**

			NEMA1	
			TEFC	
			F	
Electrical enclosure rating				
Enclosure type (drive and fan)				
Insulation class (drive and fan)				
Drive motor HP	30	30	30	30
Drive motor nominal speed(rpm)	3530	3530	3530	3530
Service Factor	1.15	1.15	1.15	1.15
Drive motor efficiency	92.0%	92.0%	92.0%	92.0%
Fan motor HP #1	1.0	1.0	1.0	1.0
Fan motor HP #2	N/A	N/A	N/A	N/A
Full load package amps 208V/60HZ	89.8	89.8	90.7	89.4
Full load package amps 230V/60HZ	81.2	81.5	80.4	80.1
Full load package amps 460V/60HZ	40.6	40.8	41.0	41.2
Full load package amps 575V/60HZ	37.1	37.1	37.1	37.1

**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)	4.2	4.2	4.2	5.2
Fluid capacity (W/C) (Gal)	N/A	N/A	N/A	N/A
Fluid normal life expectancy (HR)	8000	8000	8000	8001

**PACKAGE INFORMATION**

Discharge Connection Base Mount (in)	NPT 1	NPT 1	NPT 1	NPT 1
Discharge Connection Tank Mount (in)	NPT 1.0	NPT 1.0	NPT 1.0	NPT 1.0
Discharge Connection Tank/Dryer Mount (in)	NPT 1	NPT 1	NPT 1	NPT 1
Dimensions Base Mount LxWxH	44x29x48	44x29x48	44x29x48	44x29x48
Dimensions Tank Mount LxWxH	68x31x77	68x31x77	68x31x77	68x31x77
Dimensions Tank/Dryer Mount LxWxH	75x31x77	75x31x77	75x31x77	75x31x77
Weight Base Mount (lbs)	1213	1213	1213	1213
Weight Tank Mount (lbs)	1433	1433	1433	1433
Weight Tank/Dryer Mount (lbs)	1533	1533	1533	1533

**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