



KAISHAN COMPRESSOR USA, LLC

TECHNICAL DATA

KCA MODEL	KRSB/T 15-115	KRSB/T 15-125	KRSB/T 15-150	KRSB/T 15-175
GENERAL DATA				
ACFM	61.9	57.1	51.7	40.5
Full load pressure (psig)	115	125	150	175
Maximum pressure (psig)	125	135	160	185
Package KW at rated pressure (A/C)	14.1	13.3	13.8	13.4
Specific power KW/100 cfm (A/C)	22.8	23.3	26.7	33.1
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)	4.7	4.7	4.7	4.7
Control type			Load/unload	
Starter type			Wye Delta	
AIR END DATA				
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
COOLING DATA (AIR)				
Ambient temperature rating (min/max)			32/122	
Cooling fan capacity	1855	1855	1855	1855
Heat rejected (BTU/HR)	36232	36232	36232	36232
Max. static back pressure			6mmH2O	
Approach temperature	18	18	18	18
COOLING DATA (WATER)				
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
SOUND LEVEL				
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	15	15	15	15
Drive motor nominal speed(rpm)	3550	3550	3550	3550
Service Factor	1.15	1.15	1.15	1.15
Drive motor efficiency	91.5%	91.5%	91.5%	91.5%
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	46.2	45.8	46.4	46.5
Full load package amps 230V/60HZ	41.8	41.4	42.0	41.9
Full load package amps 460V/60HZ	20.9	20.7	21.0	21.2
Full load package amps 575V/60HZ	19.7	19.7	19.7	19.7

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)	3.2	3.2	3.2	3.2
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 1	NPT 1	NPT 1	NPT 1
Dimensions Base Mount LxWxH	40x26x42	40x26x42	40x26x42	40x26x42
Dimensions Tank Mount LxWxH	68x28x71	68x28x71	68x28x71	68x28x71
Dimensions Tank/Dryer Mount LxWxH	71x28x71	71x28x71	71x28x71	71x28x71
Weight Base Mount (lbs)	836	836	836	836
Weight Tank Mount (lbs)	1056	1056	1056	1056
Weight Tank/Dryer Mount (lbs)	1116	1116	1116	1116

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