



KAISHAN COMPRESSOR USA, LLC

TECHNICAL DATA

KCA MODEL	KRSD20-115		KRSD20-125
GENERAL DATA			
ACFM	74		72
Full load pressure (psig)	115		125
Maximum pressure (psig)	125		135
Package KW at rated pressure (A/C)	15.9		16.4
Specific power KW/100 cfm (A/C)	21.5		22.8
Package KW at rated pressure (W/C)	N/A		N/A
Specific power KW/100 cfm (W/C)	N/A		N/A
Unloaded power (KW)	5.2		5.2
Control type		Load/No Load	
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
Drive type	Direct		Direct
Bearing manufacturer	SKF only		SKF only
COOLING DATA (AIR)			
Ambient temperature rating (min/max)		32/122	
Cooling fan capacity	1883		1883
Heat rejected (BTU/HR)	50933		50933
Max. static back pressure		6mmH2O	
Approach temperature	15		15
COOLING DATA (WATER)			
Type of heat exchangers		N/A	
Cooling fan capacity (cfm)	N/A		N/A
Approach temperature	N/A		N/A
Heat rejected into cooling water (BTU/HR)	N/A		N/A
Heat rejected into cooling air (BTU/HR)	N/A		N/A
Maximum outlet temperature	N/A		N/A
Maximum inlet temperature	N/A		N/A
Minimum cooling water flow (F)	N/A		N/A
Water pressure drop (psi)	N/A		N/A
SOUND LEVEL			
Sound Level (A/C)	72		72
Sound Level (W/C)	N/A		N/A



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ELECTRICAL DATA

Electrical enclosure rating		NEMA1	
Enclosure type (drive and fan)		TEFC	
Insulation class (drive and fan)		F	
Drive motor HP	20		20
Drive motor nominal speed(rpm)	3555		3555
Drive motor efficiency	91.5%		91.5%
Service Factor	1.25		1.25
Fan motor HP #1	0.75		0.75
Fan motor HP #2	0		0
Full load package amps 230V/60HZ	47		48
Full load package amps 460V/60HZ	24		25
Full load package amps 575V/60HZ	21		22

FILTRATION AND LUBRICATION DATA

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

COMPRESSOR COOLING FLUID DATA

Fluid capacity (A/C) (Gal)	3.0		3.0
Fluid normal life expectancy (HR)	8000		8000

PACKAGE INFORMATION

Discharge connections	NPT 1"		NPT 1"
Condensate connections	N/A		N/A
Length (in)	51		51
Width (in)	31		31
Height (in)	43		43
Weight (lbs) (A/C)	1013		1013
Estimated shipping weight (lbs)	1122		1122

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 2-1-19