



# KAISHAN COMPRESSOR USA, LLC

## TECHNICAL DATA

KCA MODEL	KRSD200-115		KRSD200-125
<b>GENERAL DATA</b>			
ACFM			
Full load pressure (psig)	115		125
Maximum pressure (psig)	125		135
Package KW at rated pressure (A/C)	162.3		170.5
Specific power KW/100 cfm (A/C)	18.7		19.6
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)	47.1		47.6
Control type		Modulation	
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
Drive type	Direct		Direct
Bearing manufacturer	SKF only		SKF only
<b>COOLING DATA (AIR)</b>			
Ambient temperature rating (min/max)		32/122	
Cooling fan capacity	14126		14126
Heat rejected (BTU/HR)	400400		400400
Max. static back pressure		6mmH2O	
Approach temperature	15		15
<b>COOLING DATA (WATER)</b>			
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
<b>SOUND LEVEL</b>			
Sound Level (A/C)	79		79



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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	200		200
Drive motor nominal speed(rpm)	3550		3550
Drive motor efficiency	95.4%		95.4%
Service Factor	1.25		1.25
Fan motor HP #1	6		6
Fan motor HP #2	N/A		N/A
Full load package amps 460V/60HZ	234		246
Full load package amps 575V/60HZ	199		209

#### FILTRATION AND LUBRICATION DATA

Air filter micron rating	5 $\mu$ m		5 $\mu$ m
Fluid filter micron rating	23 $\mu$ m		23 $\mu$ m
Fluid carryover (PPM)	<3		<3

#### COMPRESSOR COOLING FLUID DATA

Fluid capacity (A/C) (Gal)	21		21
Fluid normal life expectancy (HR)	8000		8000

#### PACKAGE INFORMATION

Discharge connections	NPS 3"		NPS 3"
Condensate connections	N/A		N/A
Length (in)	99		99
Width (in)	53		53
Height (in)	67		67
Weight (lbs) (A/C)	6724		6724
Estimated shipping weight (lbs)	7055		7055

#### 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 3-30-20