



KAISHAN COMPRESSOR USA, LLC

TECHNICAL DATA

KCA MODEL	KRSD150-115		KRSD150-125
GENERAL DATA			
ACFM	721		714
Full load pressure (psig)	115		125
Maximum pressure (psig)	125		135
Package KW at rated pressure (A/C)	134.3		141.0
Specific power KW/100 cfm (A/C)	18.6		19.7
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)	44.3	CF	44.3
Control type		Modulation	
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	14126		14126
Heat rejected (BTU/HR)	368410		368410
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)	78	78	78



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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	150		150
Drive motor nominal speed(rpm)	3550		3550
Drive motor efficiency	95.8%		95.8%
Service Factor	1.20		1.20
Fan motor HP #1	6		6
Fan motor HP #2	0		0
Full load package amps 460V/60HZ	181		222
Full load package amps 575V/60HZ	162		170

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)	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)	6613		6613
Estimated shipping weight (lbs)	6946		6946

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