



KAISHAN COMPRESSOR USA, LLC

TECHNICAL DATA

KRSD15-115

KRSD15-125

GENERAL DATA

ACFM	68	66
Full load pressure (psig)	115	125
Maximum pressure (psig)	125	135
Package KW at rated pressure (A/C)	14.2	14.7
Specific power KW/100 cfm (A/C)	20.9	22.3
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)	4.7	4.7
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	1412	1412
Heat rejected (BTU/HR)	38200	38200
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	15		15
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	42		43
Full load package amps 460V/60HZ	21		22
Full load package amps 575V/60HZ	17		18

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)	981		981
Estimated shipping weight (lbs)	1077		1077

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