

KAISHAN COMPRESSOR USA, LLC

TECHNICAL DATA

KCA MODEL	KRSD30-115		KRSD30-125
GENERAL DATA			
ACFM	140		138
Full load pressure (psig)	115		125
Maximum pressure (psig)	125		135
Package KW at rated pressure (A/C)	29.4		30.9
Specific power KW/100 cfm (A/C)	21.0		22.4
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)	9.1		9.1
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	Patenteu SKK 5/0 prome	2/2
Drive type	Direct		Direct
Bearing manufacturer	SKF only		SKF only
	SKI ONIY		SKI OIIIy
COOLING DATA (AIR)			
Ambient temperature rating (min/max)		32/122	
Cooling fan capacity	2825		2825
Heat rejected (BTU/HR)	76400		76400
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)	73		73
Sound Level (A/C) Sound Level (W/C)	N/A		73 N/A
			IN/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	30	30
Drive motor nominal speed(rpm)	3555	3555
Drive motor efficiency	92.0%	92.0%
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	95	105
Full load package amps 460V/60HZ	47	52
Full load package amps 575V/60HZ	39	39
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)	3.4	3.4
Fluid normal life expectency (HR)	8000	8000
PACKAGE INFORMATION		
Discharge connections	NPT 1 1/4"	NPT 1 1/4"
Condensate connections	N/A	N/A
Length (in)	56	56
Width (in)	34	34
Heigth (in)	44	44
Weight (lbs) (A/C)	1389	1389
Estimated shipping weight (lbs)	1499	1499

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