



# 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)	8.5	8.5
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	2825	2825
Heat rejected (BTU/HR)	76400	76400
Max. static back pressure		6mmH2O
Approach temperature	22	22

### 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 (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	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

### 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 expectancy (HR)	8000		8000

### PACKAGE INFORMATION

Discharge connections	NPT 1 1/4"		NPT 1 1/4"
Condensate connections	N/A		N/A
Cooling water connections	N/A		N/A
Length (in)	56		56
Width (in)	34		34
Height (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