Count	Description
1	**CRN 15-4 A-FGJ-A-V-HQQV**

Product No.: 96523753

Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid are in high-grade stainless steel. A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. Power transmission is via a rigid split coupling. Pipe connection is via combined DIN-ANSI-JIS flanges.

The pump is fitted with a 3-phase, fan-cooled asynchronous motor.

Controls:

Frequency converter:	NONE

Liquid:

Pumped liquid:	Water
Liquid temperature range:	-4 .. 194 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft³

Technical:

Rated pump speed:	3467 rpm
Rated flow:	90.3 US gpm
Rated head:	206 ft
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQV
Approvals on nameplate:	CURUS
Curve tolerance:	ISO9906:2012 3B

Materials:

Base:	Stainless steel EN 1.4408 AISI 316
Impeller:	Stainless steel EN 1.4401 AISI 316
Bearing:	SIC

Installation:

Maximum ambient temperature:	140 °F
Maximum operating pressure:	362.59 psi
Max pressure at stated temperature:	363 psi / 194 °F 363 psi / -4 °F
Type of connection:	DIN / ANSI / JIS
Size of inlet connection:	DN 50
Size of outlet connection:	DN 50
Pressure rating for pipe connection:	PN 25
Flange rating inlet:	300 lb
Flange size for motor:	213TC

Electrical data:

Motor standard:	NEMA
Motor type:	132DA
IE Efficiency class:	NEMA Premium / IE3 60Hz
Rated power - P2:	7.5 HP

Count	Description	
	Power (P2) required by pump:	7.5 HP
	Main frequency:	60 Hz
	Rated voltage:	3 x 208-230YY/460Y V
	Service factor:	1.15
	Rated current:	19,5-18,1/9,09 A
	Starting current:	1020-1480 %
	Cos phi - power factor:	0.89-0.86
	Rated speed:	3490-3520 rpm
	IE efficiency:	IE3 89,5%
	Motor efficiency at full load:	89.5 %
	Motor efficiency at 3/4 load:	89.7 %
	Motor efficiency at 1/2 load:	88.3 %
	Number of poles:	2
	Enclosure class (IEC 34-5):	55 Dust/Jetting
	Insulation class (IEC 85):	F
	Motor Number:	85904392
	Others:	
	Net weight:	185 lb
	Gross weight:	203 lb
	Shipping volume:	8.26 ft^3
	Country of origin:	US
	Custom tariff no.:	8413.70.2040