Qty. | Description

1 CR 95-5 A-F-A-V-HQQV



Note! Product picture may differ from actual product

Product No.: On request

Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). The pump head and base are in cast iron – all other wetted parts are in stainless steel. The Grundfos 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 DIN flanges.

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

Liquid:

Pumped liquid: Water
Liquid temperature range: -20 .. 90 °C
Selected liquid temperature: 20 °C
Density: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 2965 rpm

Rated flow: 95 m³/h
Rated head: 116.7 m
Pump orientation: Vertical
Shaft seal arrangement: Single
Code for shaft seal: HQQV

Approvals: CE,EAC,UKCA,SEPRO Curve tolerance: ISO9906:2012 3B

Materials:

Base: Ductile cast iron

EN 1563 EN-GJS-500-7 ASTM A536-84 65-45-12

Impeller: Stainless steel

EN 1.4301 AISI 304 WC/WC

Bearing: WC/WC Support bearing: Graflon

Material certified according to: European standards

Installation:

t max amb: 55 °C

Maximum operating pressure: 16 bar

Max pressure at stated temp: 16 bar / 90 °C

Type of connection:

Size of inlet connection:

DN 100

Size of outlet connection:

Pressure rating for connection:

Flange size for motor:

DN 100

PN 16

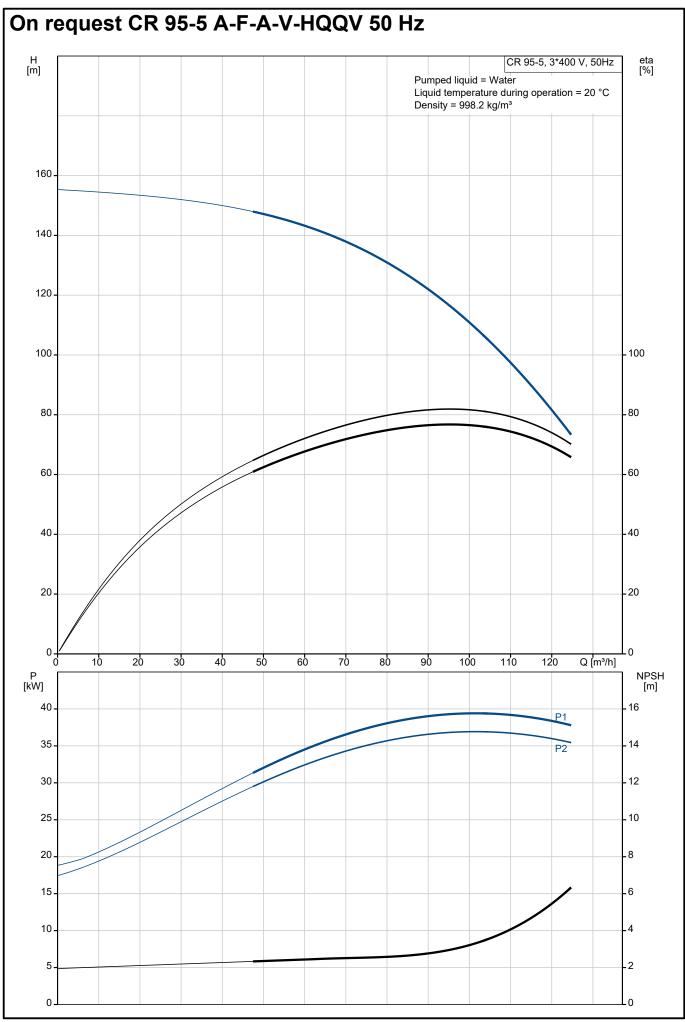
FF350

Electrical data:

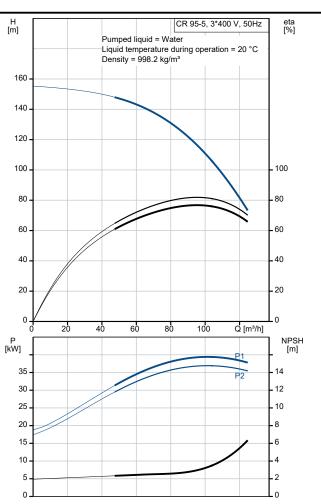
Motor standard: IEC
Motor type: SIEMENS
IE Efficiency class: IE3
Rated power - P2: 37 kW
Power (P2) required by pump: 37 kW
Mains frequency: 50 Hz

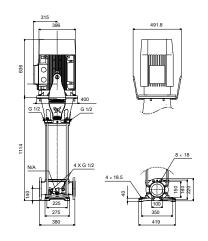
Rated voltage: 3 x 380-420D/660-725Y V

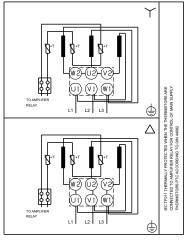
Description 65/37.5 A Rated current: 710-710 % Starting current: Cos phi - power factor: 0.88 Rated speed: 2955 rpm Efficiency: IE3 93,7% Motor efficiency at full load: 93.7-93.7 % Motor efficiency at 3/4 load: 94.2-94.2 % Motor efficiency at 1/2 load: 94.0-94.0 % Number of poles: 2 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 81U15334 Controls: Frequency converter: NONE Minimum efficiency index, MEI ≥: 0.70 Net weight: 379 kg Gross weight: 442 kg Shipping volume: 1.14 m³ Thrust handling device: Ν Country of origin: GB Custom tariff no.: 84139100



Description Value General Information: CR 95-5 A-F-A-V-HQQV Product No: On request EAN number: On request Technical: 2965 rpm Pump speed on which pump data are based: 116.7 m Rated flow: 95 m³/h Rated dhead: 116.7 m Maximum head: 155.3 m Impellers: 5 Number of reduced-diameter impellers: 0 Low NPSH: N Pump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: HQQV Approvals: CE_EAC,UKCA,SEPRO Curve tolerance: ISO9906:2012 3B Pump version: A Model: A Cooling: IC 411 Materials: Base: Base: Ductile cast iron Base: ASTM A536-84 65-45-12 Impeller: Impeller: Alsi 304 Material code: A Code for rubber: V				
Product name: CR 95-5 A-F-A-V-HQQV Product No: On request EAN number: On request Technical: Pump speed on which pump data are based: 95 m³/h Rated flow: 95 m³/h Rated head: 116.7 m Maximum head: 155.3 m Impellers: 5 Number of reduced-diameter impellers: 0 Low NPSH: N Pump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: HQQV Approvals: CE, EAC, UKCA, SEPRO Curve tolerance: ISO9906:2012 3B Pump version: A Model: A Cooling: IC 411 Materials: Base: Base: Ductile cast iron Base: ASTM A536-84 65-45-12 Impeller: Impeller: AISI 304 Material code: A 4 Code for rubber: V Bearing: WC/WC Su	Description	Value		
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Pressure rating for connection: Flange size for motor: Connect code: F Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Poesity: Motor standard: Motor standard: IEC Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Rated voltage: Rated current: PN 16 FF350 FF350 CO PO °C Selected liquid: Water 20 °C 998.2 kg/m³ EEC SIEMENS IES RATE 37 kW 48 AW AND AND AND AND AND AND AND A				
Flange size for motor: Connect code: F Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: 998.2 kg/m³ Electrical data: Motor standard: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Rated voltage: Rated current: FF350 FF350 FF350 FF350 SHE FF350 FF350 SUBMENS IEC SIEMENS IEC 37 kW SIEMENS IE3 Rated power - P2: 37 kW SIEMENS FRATED SIEMENS SIEMENS				
Connect code: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Pumped liquid temperature: 20 °C Selected liquid temperature: 998.2 kg/m³ Electrical data: Motor standard: Motor standard: IEC Motor type: IE Efficiency class: IE3 Rated power - P2: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current: 65/37.5 A	3			
Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Density: Blectrical data: Motor standard: Motor standard: IEC Motor type: IE Efficiency class: IE3 Rated power - P2: Power (P2) required by pump: Rated voltage: Rated current: Water -20 90 °C -20 90 °C SC 998.2 kg/m³ IEC Motor type: SIEMENS IE3 Rated 37 kW 48 AW 49 AW 40	_			
Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: 998.2 kg/m³ Electrical data: Motor standard: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Rated voltage: Rated current: Water -20 90 °C 20 °C 998.2 kg/m³ EleC SIEMENS IEC 31 KW 42 SIEMENS IES Rated power - P2: 37 kW 48 SIEMENS Rated power - P2: 37 kW 49 SIEMENS Rated power - P2: 37 kW 40 SIEMENS Rated power - P2: 80 SIEMENS Rated power - P2: 81 SIEMENS Rated power - P2: 82 SIEMENS Rated power - P2: 83 SIEMENS Rated power - P2: 84 SIEMENS Rated current: 85 SIEMENS Rated current: 86 SIAT.5 A		F		
Liquid temperature range: Selected liquid temperature: Density: 998.2 kg/m³ Electrical data: Motor standard: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Rated voltage: Rated current: 120 °C 998.2 kg/m³ IEC SIEMENS IES 31 kW 37 kW 37 kW 48 Siemens 38 Siemens 48 Siemens 50 Hz 65/37.5 A	•			
Selected liquid temperature: Density: 998.2 kg/m³ Electrical data: Motor standard: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current: 20 °C 998.2 kg/m³ IEC SIEMENS IE3 RATE 37 kW 50 Hz Rated voltage: 3 x 380-420D/660-725Y	•	_		
Density: 998.2 kg/m³ Electrical data: IEC Motor standard: IEC Motor type: SIEMENS IE Efficiency class: IE3 Rated power - P2: 37 kW Power (P2) required by pump: 37 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-420D/660-725Y Rated current: 65/37.5 A				
Electrical data: Motor standard: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current: 65/37.5 A	Selected liquid temperature:	20 °C		
Motor standard: Motor type: SIEMENS IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current: SIEMENS IE3 RW 97 kW 98 AV 198 AV	Density:	998.2 kg/m³		
Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency: S1EMENS IE3 37 kW Power (P2) required by pump: 50 Hz Rated voltage: 3 x 380-420D/660-725Y V Rated current: 65/37.5 A	Electrical data:			
IE Efficiency class: IE3 Rated power - P2: 37 kW Power (P2) required by pump: 37 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-420D/660-725Y Rated current: 65/37.5 A	Motor standard:	IEC		
IE Efficiency class: IE3 Rated power - P2: 37 kW Power (P2) required by pump: 37 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-420D/660-725Y Rated current: 65/37.5 A	Motor type:	SIEMENS		
Rated power - P2: 37 kW Power (P2) required by pump: 37 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-420D/660-725Y Rated current: 65/37.5 A	• •	IE3		
Power (P2) required by pump: 37 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-420D/660-725Y Rated current: 65/37.5 A				
Mains frequency: 50 Hz Rated voltage: 3 x 380-420D/660-725Y Rated current: 65/37.5 A				
Rated voltage: 3 x 380-420D/660-725Y V Rated current: 65/37.5 A				
Rated current: 65/37.5 A				
	Rated Voltage:	V X 300-420D/000-7231		
	Rated current:	65/37 5 A		
Starting Current. / 10-7 10 %				
Coo phi naurar factori	_			
Cos phi - power factor: 0.88				
Rated speed: 2955 rpm	rkaled speed:	∠955 rpm		

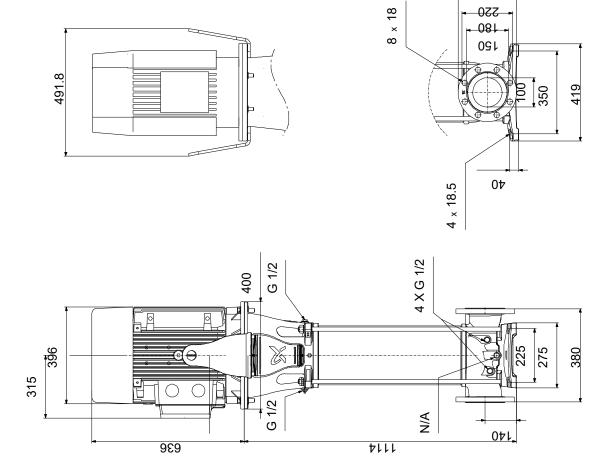






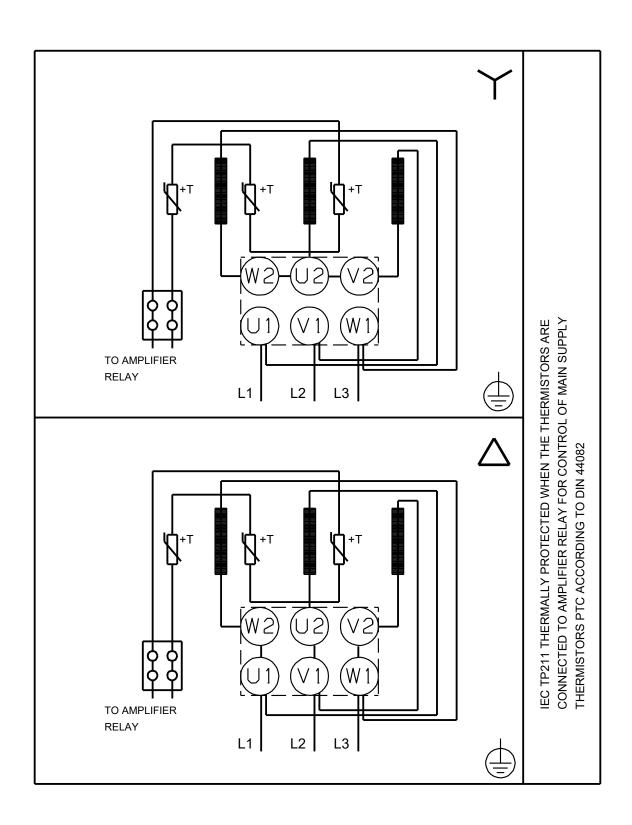
Description	Value
Efficiency:	IE3 93,7%
Motor efficiency at full load:	93.7-93.7 %
Motor efficiency at 3/4 load:	94.2-94.2 %
Motor efficiency at 1/2 load:	94.0-94.0 %
Number of poles:	2
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	81U15334
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	379 kg
Gross weight:	442 kg
Shipping volume:	1.14 m³
Thrust handling device:	N
Country of origin:	GB
Custom tariff no.:	84139100

On request CR 95-5 A-F-A-V-HQQV 50 Hz



Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.

On request CR 95-5 A-F-A-V-HQQV 50 Hz



Note! All units are in [mm] unless others are stated.

	Order Data:						
Position	Your pos.	Product name	Amount	Product No	Total		
		CR 95-5	1	On request	Price on request		
					request		