

Qty. Description

1 **CRN 95-3 B-F-A-E-HQQE** *****ConfiguredProduct*****



Product No.: On request

Liquid:

Pumped liquid: Water
 Liquid temperature range: -20 .. 120 °C
 Selected liquid temperature: 20 °C
 Density: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 2950 rpm
 Rated flow: 95 m³/h
 Pump with motor (Yes/No): Y
 Rated head: 69.3 m
 Pump orientation: Vertical
 Shaft seal arrangement: Single
 Code for shaft seal: HQQE
 Rotating seal face material: Q, SiC
 Stationary seal face material: Q, SiC
 Elastomer in shaft seal: E, EPDM
 Approvals: CE,EAC,UKCA,SEPRO
 Approvals for drinking water: ACS,WRAS
 CE approved (Yes/No): Y
 cURus approved: N
 USA MEPS (CC marking): No
 China MEPS (CEL): No
 South Korea MEPS (Kemco): No
 Curve tolerance: ISO9906:2012 3B
 Electropolished: No
 Pump cleaned and dried: No
 Colour of the pump: RAL 9004
 Report, vibration: No
 Report, motor test: No
 Report, cleaned pump: No
 Report, electropolished pump: No
 Report, material quality: No

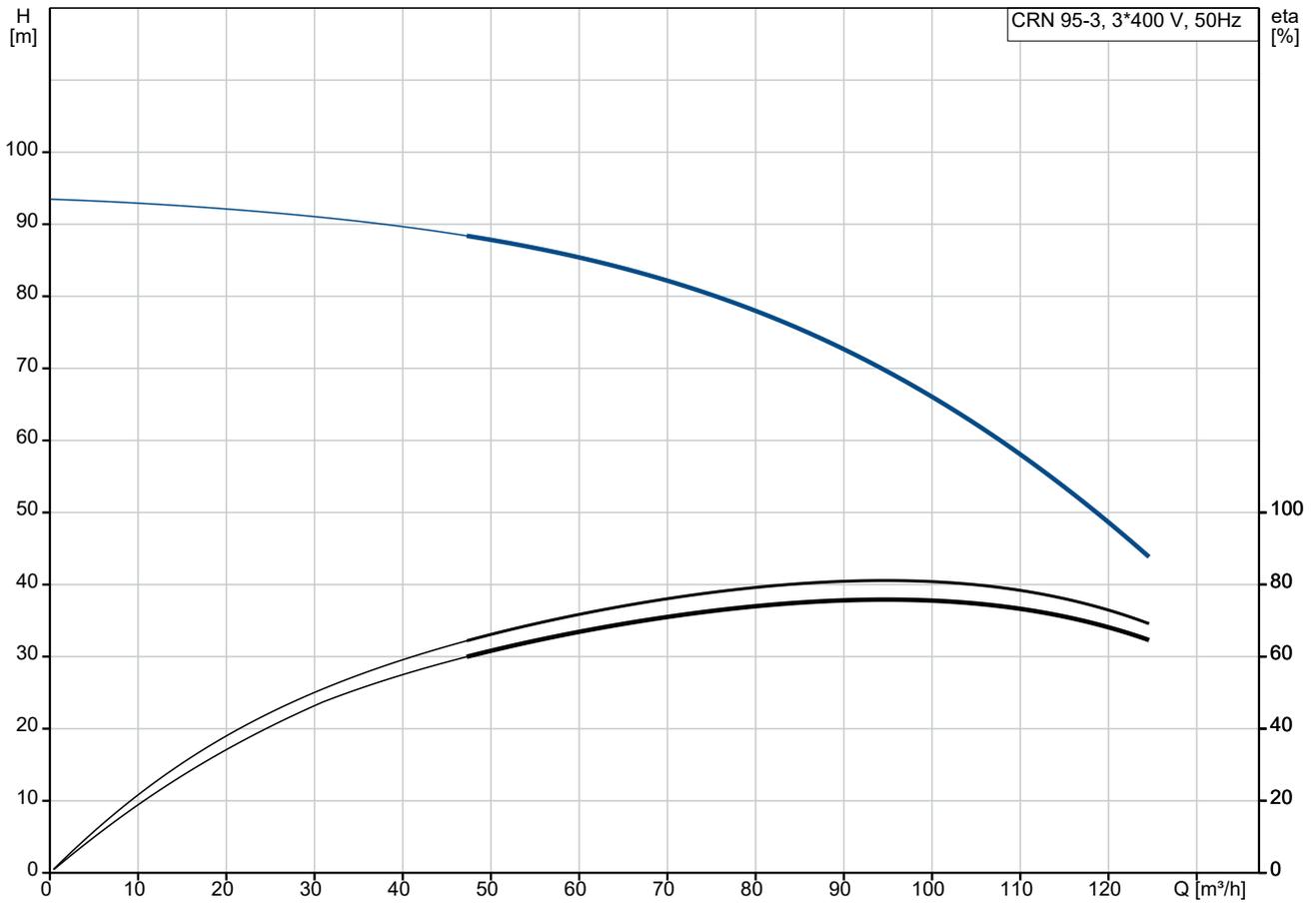
Materials:

Base: Stainless steel
 EN 1.4408
 ASTM A351 CF8M
 Base plate: Ductile cast iron
 Impeller: Stainless steel
 EN 1.4401
 AISI 316
 Pump flange material: Ductile cast iron
 Bearing: WC/WC

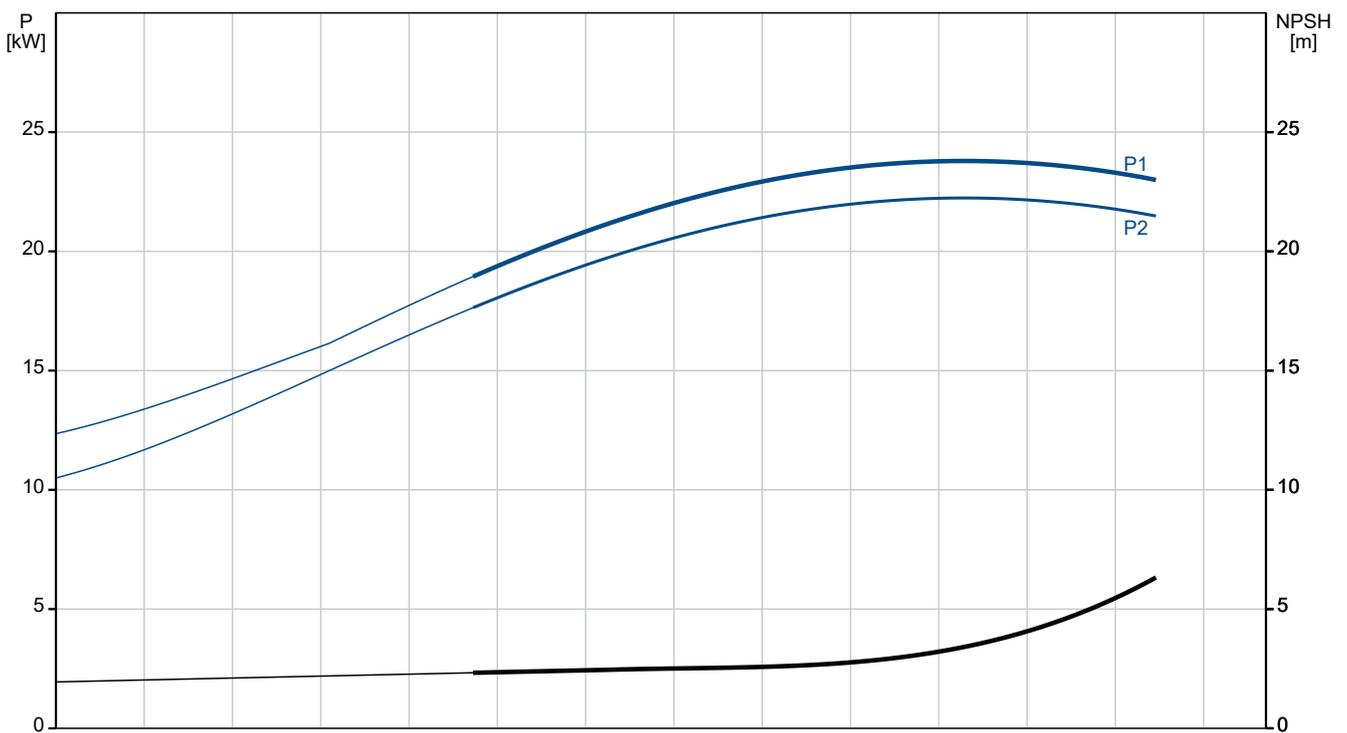
Qty. Description

1	<p>Support bearing: Graflon</p> <p>Material certified according to: European standards</p> <p>Installation:</p> <p>Maximum ambient temperature: 55 °C</p> <p>Maximum operating pressure: 16 bar</p> <p>Max pressure at stated temp: 16 bar / 120 °C</p> <p>Type of connection: DIN</p> <p>Size of inlet connection: DN 100</p> <p>Size of outlet connection: DN 100</p> <p>Pressure rating for connection: PN 16</p> <p>Flange size for motor: FF350</p> <p>Electrical data:</p> <p>Motor standard: 11</p> <p>Motor type: SIEMENS</p> <p>IE efficiency class: IE3</p> <p>Rated power - P2: 30 kW</p> <p>Over/undersize motor: 1 step oversized motor</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 380-420D/660-725Y V</p> <p>Service factor: 1</p> <p>Rated current: 53/31 A</p> <p>Starting current: 700-700 %</p> <p>Cos phi - power factor: 0.87</p> <p>Rated speed: 2955 rpm</p> <p>IE efficiency: IE3 93,3%</p> <p>Motor efficiency at full load: 93.3-93.3 %</p> <p>Motor efficiency at 3/4 load: 93.5-93.5 %</p> <p>Motor efficiency at 1/2 load: 92.9-92.9 %</p> <p>Number of poles: 2</p> <p>Enclosure class (IEC 34-5): IP55</p> <p>Insulation class (IEC 85): F</p> <p>Built-in motor protection: PTC</p> <p>Motor No: 81U15332</p> <p>Controls:</p> <p>Frequency converter: NONE</p> <p>Pressure sensor: N</p> <p>Others:</p> <p>Air vent position: 12 o'clock</p> <p>Terminal box position: 6</p> <p>Minimum efficiency index, MEI ≥: 0.7</p> <p>Net weight: 341 kg</p> <p>Gross weight: 404 kg</p> <p>Shipping volume: 1.14 m³</p> <p>Thrust handling device: N</p>
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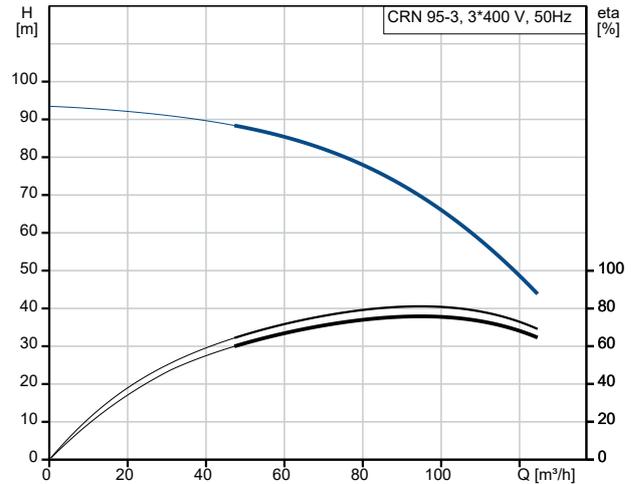
CRN 95-3 B-F-A-E-HQQE 50 Hz



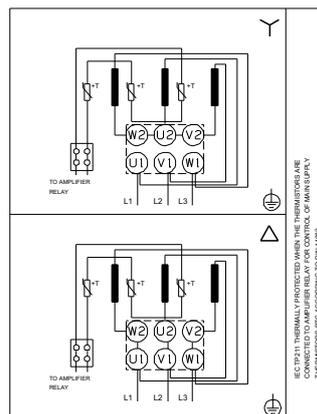
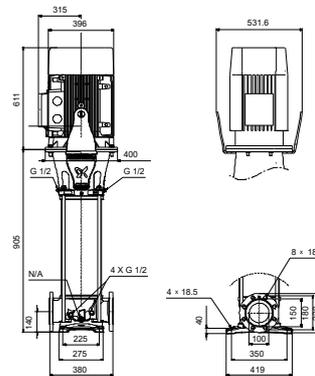
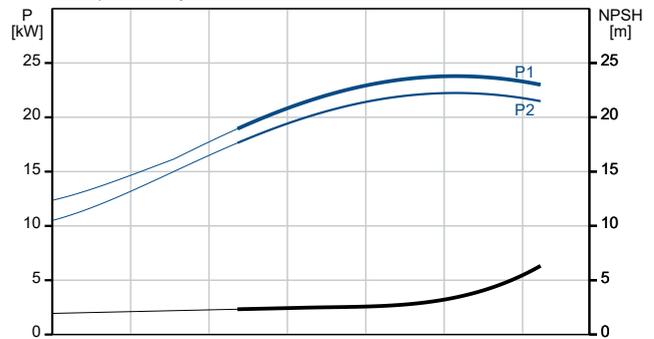
Pumped liquid = Water
 Liquid temperature during operation = 20 °C
 Density = 998.2 kg/m³



Description	Value
General information:	
Product name:	CRN 95-3 B-F-A-E-HQQE
Product No:	On request
Based on:	99141762
EAN number:	On request
Price:	
Technical:	
Pump speed on which pump data are based:	2950 rpm
Rated flow:	95 m ³ /h
Pump with motor (Yes/No):	Y
Rated head:	69.3 m
Maximum head:	93.4 m
Impellers:	3
Number of reduced-diameter impellers:	0
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQE
Shaft seal type:	H, Balanced cartridge o-ring
Rotating seal face material:	Q, SiC
Stationary seal face material:	Q, SiC
Elastomer in shaft seal:	E, EPDM
Approvals:	CE,EAC,UKCA,SEPRO
Approvals for drinking water:	ACS,WRAS
CE approved (Yes/No):	Y
cURus approved:	N
USA MEPS (CC marking):	No
China MEPS (CEL):	No
South Korea MEPS (Kemco):	No
Curve tolerance:	ISO9906:2012 3B
Pump version:	B
Model:	A
Cooling:	IC 411
Electropolished:	No
Pump cleaned and dried:	No
Colour of the pump:	RAL 9004
Report, vibration:	No
Report, motor test:	No
Report, cleaned pump:	No
Report, electropolished pump:	No
Report, material quality:	No
Materials:	
Base:	Stainless steel
Base:	EN 1.4408
Base:	ASTM A351 CF8M
Base plate:	Ductile cast iron
Impeller:	Stainless steel
Impeller:	EN 1.4401
Impeller:	AISI 316
Pump flange material:	Ductile cast iron
Material code:	A
Code for rubber:	E
Bearing:	WC/WC
Support bearing:	Graflon
Material certified according to:	European standards
Installation:	

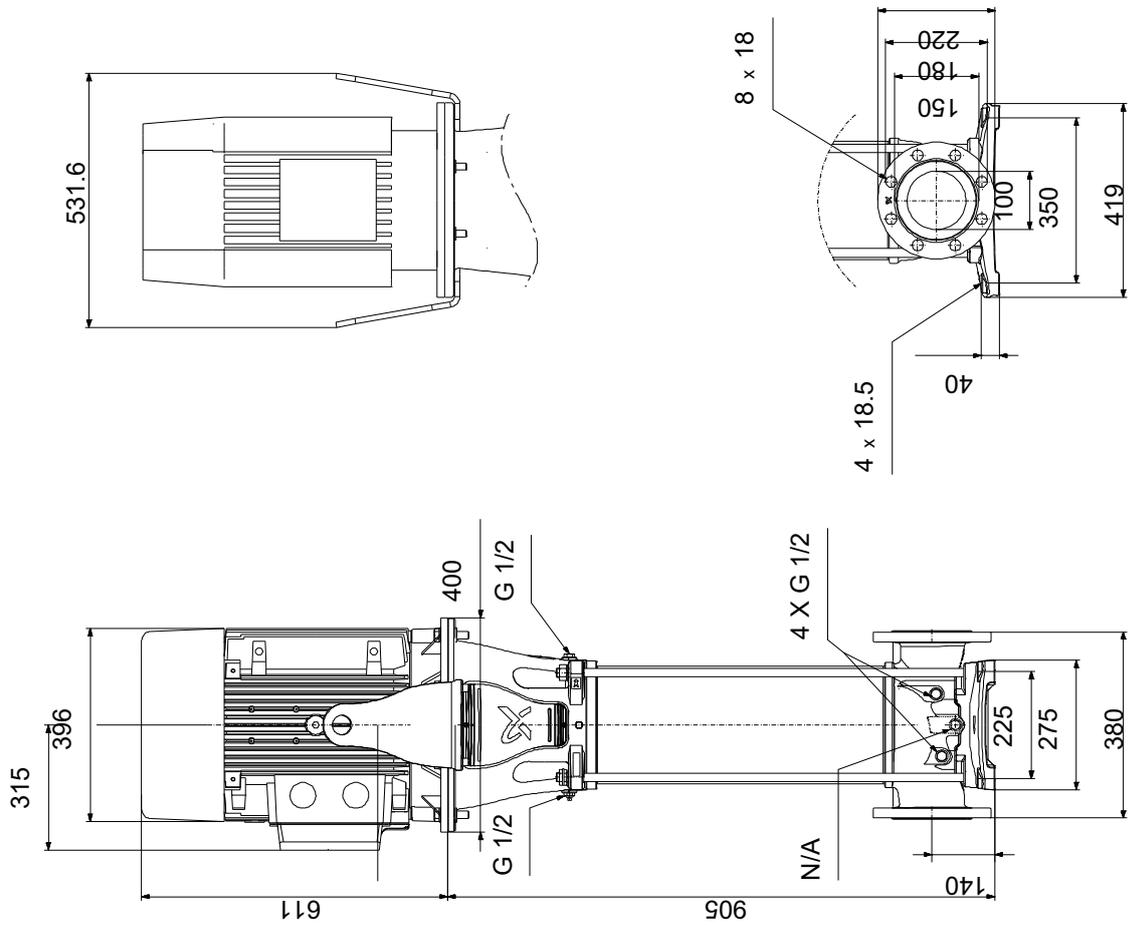


Pumped liquid = Water
Liquid temperature during operation = 20 °C
Density = 998.2 kg/m³



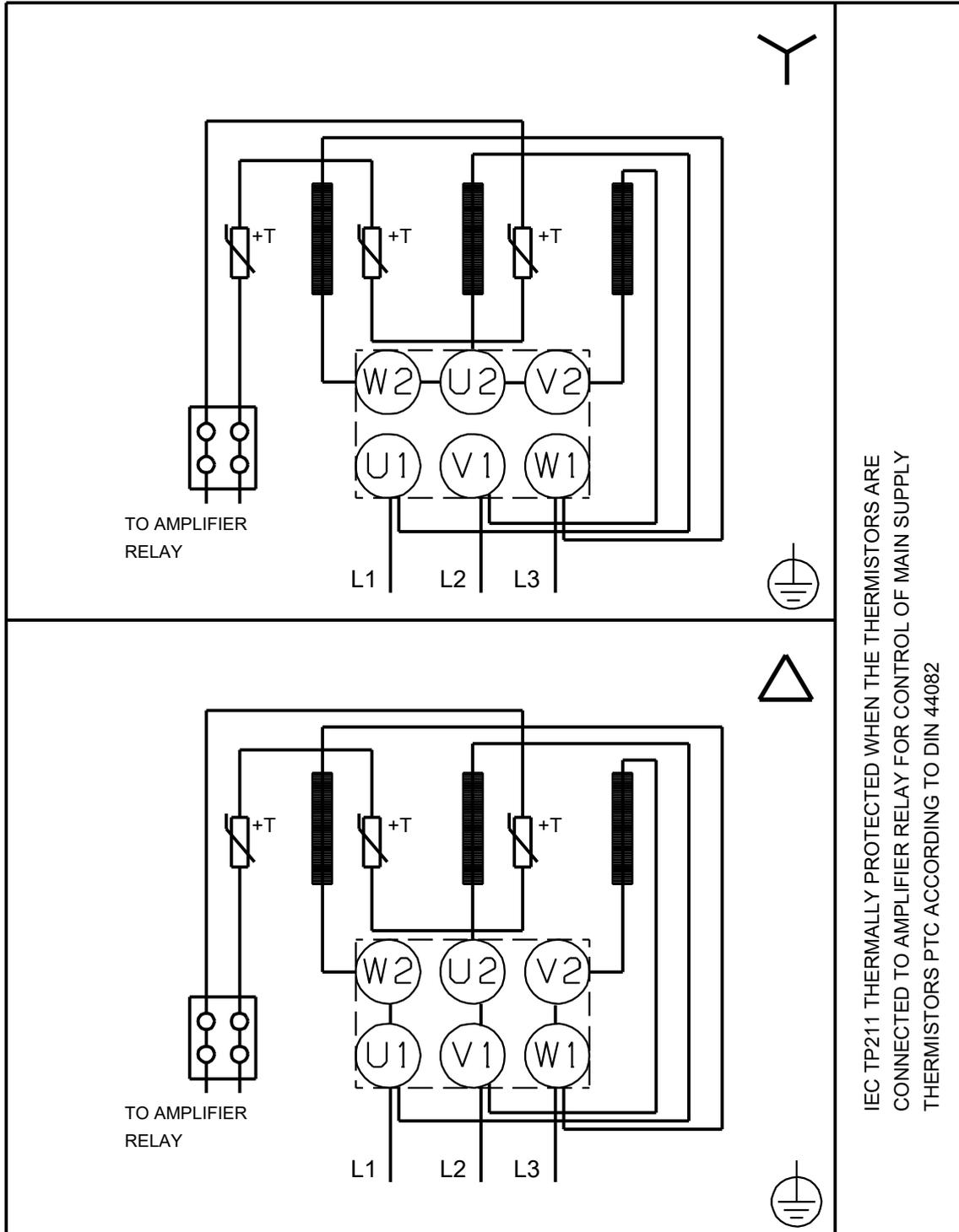
Description	Value
Maximum ambient temperature:	55 °C
Maximum operating pressure:	16 bar
Max pressure at stated temp:	16 bar / 120 °C
Type of connection:	DIN
Size of inlet connection:	DN 100
Size of outlet connection:	DN 100
Pressure rating for connection:	PN 16
Flange size for motor:	FF350
Connect code:	F
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m ³
Electrical data:	
Motor standard:	11
Motor type:	SIEMENS
IE efficiency class:	IE3
Rated power - P2:	30 kW
Over/undersize motor:	1 step oversized motor
Mains frequency:	50 Hz
Rated voltage:	3 x 380-420D/660-725Y V
Service factor:	1
Rated current:	53/31 A
Starting current:	700-700 %
Cos phi - power factor:	0.87
Rated speed:	2955 rpm
IE efficiency:	IE3 93,3%
Motor efficiency at full load:	93.3-93.3 %
Motor efficiency at 3/4 load:	93.5-93.5 %
Motor efficiency at 1/2 load:	92.9-92.9 %
Number of poles:	2
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	81U15332
Controls:	
Frequency converter:	NONE
Pressure sensor:	N
Others:	
Air vent position:	12 o'clock
Terminal box position:	6
Minimum efficiency index, MEI ≥:	0.7
Net weight:	341 kg
Gross weight:	404 kg
Shipping volume:	1.14 m ³
Thrust handling device:	N

CRN 95-3 B-F-A-E-HQQE 50 Hz



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

CRN 95-3 B-F-A-E-HQQE 50 Hz



IEC TP211 THERMALLY PROTECTED WHEN THE THERMISTORS ARE
CONNECTED TO AMPLIFIER RELAY FOR CONTROL OF MAIN SUPPLY
THERMISTORS PTC ACCORDING TO DIN 44082

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