

Date: 19/01/2021

Qty. | Description

1 | CRT 4-12 A-P-A-E-AUUE



Product No.: 96100773

Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation.

The pump has the following characteristics:

- Impellers, intermediate chambers and outer

Impeller: sleeve are made of Titanium.

Pump housing: - Pump head cover and base are made of Titanium.

- The shaft seal has assembly length

according to EN 12756.

- Power transmission is via cast iron split

coupling.

Flange standard: - Pipework connection is via PJE

flanges/couplings.

Phase: The motor is a 1-phase AC motor.

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: 2900 rpm

Rated flow: 6 m³/h
Rated head: 63.7 m
Primary shaft seal: AUUE
Approvals on nameplate: CE,TR

Curve tolerance: ISO9906:2012 3B

Materials:

Pump housing: Titanium

ASTM B 265

Impeller: Titanium

ASTM B 265

Bush material: NONE

Installation:

Maximum ambient temperature: 40 °C

Max pressure at stated temp: 25 bar / 120 °C

25 bar / -20 °C

Flange standard: PJE
Pipe connection: 42,4 mm
Flange size for motor: FT115

Electrical data:



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Motor type: 90LC Rated power - P2: 2.2 kW Power (P2) required by pump: 2.2 kW

2.2 kW

Mains frequency: 50 Hz Rated voltage: 1 x 22

1 x 220-230/240 V 14,0-13,6/12,6 A

Rated current: 14,0-1
Starting current: 330 %
Cos phi - power factor: 1.00

Rated speed: 2730/2720 rpm

Motor efficiency at full load: 75 %

Number of poles: 2

Enclosure class (IEC 34-5): 55 Dust/Jetting

Insulation class (IEC 85): F

Motor No: 85215708

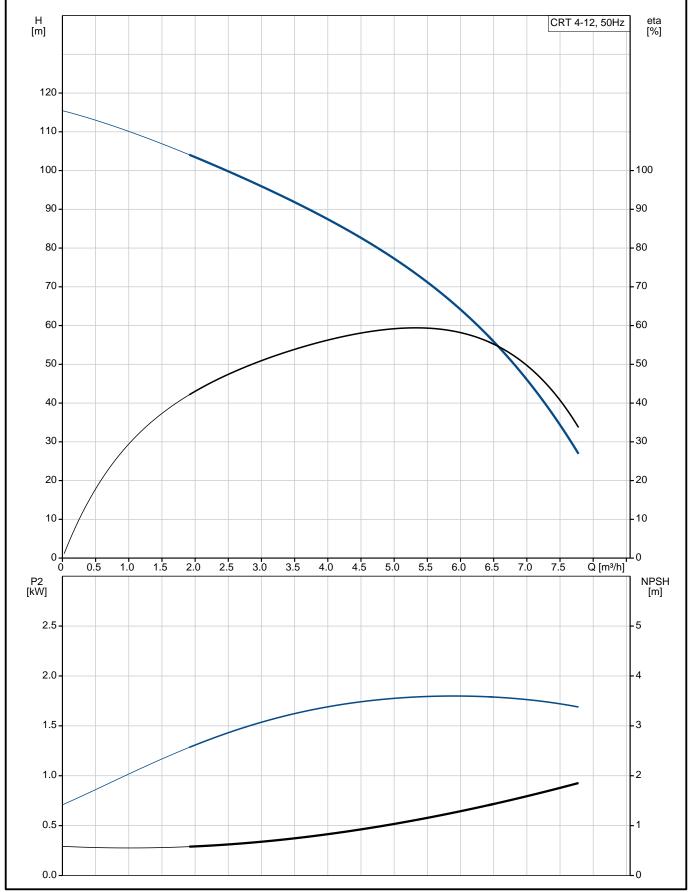
Others:

Minimum efficiency index, MEI ≥: 0.7
Net weight: 36.6 kg
Gross weight: 41.6 kg



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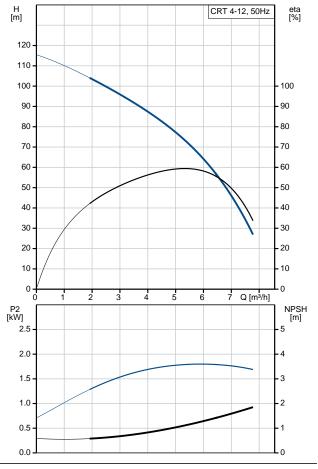
96100773 CRT 4-12 A-P-A-E-AUUE 50 Hz

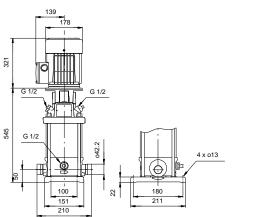


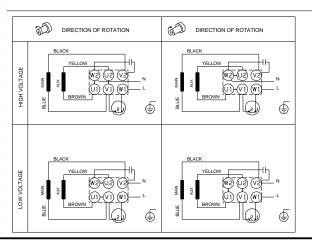


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Description	Value
General information:	ODT 4.40
Product name:	CRT 4-12 A-P-A-E-AUUE
Product No:	96100773
EAN number:	5700395848885
Price:	
Technical:	
Pump speed on which pump data are based:	2900 rpm
Rated flow:	6 m³/h
Rated head:	63.7 m
Maximum head:	121 m
Head max:	121 m
Stages:	12
Impellers:	12
Primary shaft seal:	AUUE
Approvals on nameplate:	CE,TR
Curve tolerance:	ISO9906:2012 3B
Pump version:	Α
Model:	Α
Materials:	
Pump housing:	Titanium
Pump housing:	ASTM B 265
Impeller:	Titanium
Impeller:	ASTM B 265
Material code:	A
Code for rubber:	E
Bush material:	NONE
Installation:	
Maximum ambient temperature:	40 °C
Max pressure at stated temp:	25 bar / 120 °C
Max pressure at stated temp:	25 bar / -20 °C
Flange standard:	PJE
Pipe connection:	42,4 mm
Flange size for motor:	FT115
Connect code:	Р
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-20 120 °C
	20 °C
Selected liquid temperature:	20 0
Selected liquid temperature: Density:	
Selected liquid temperature: Density: Electrical data:	998.2 kg/m³
Density: Electrical data:	
Density:	998.2 kg/m³
Density: Electrical data: Motor type: Rated power - P2:	998.2 kg/m³
Density: Electrical data: Motor type: Rated power - P2: Power (P2) required by pump:	998.2 kg/m³ 90LC 2.2 kW
Density: Electrical data: Motor type: Rated power - P2: Power (P2) required by pump: Power (P2) required by pump:	998.2 kg/m³ 90LC 2.2 kW 2.2 kW
Density: Electrical data: Motor type: Rated power - P2: Power (P2) required by pump: Power (P2) required by pump: Mains frequency:	998.2 kg/m³ 90LC 2.2 kW 2.2 kW 2.2 kW
Density: Electrical data: Motor type: Rated power - P2: Power (P2) required by pump: Power (P2) required by pump:	998.2 kg/m³ 90LC 2.2 kW 2.2 kW 2.2 kW 50 Hz 1 x 220-230/240 V
Density: Electrical data: Motor type: Rated power - P2: Power (P2) required by pump: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current:	998.2 kg/m³ 90LC 2.2 kW 2.2 kW 2.2 kW 50 Hz 1 x 220-230/240 V 14,0-13,6/12,6 A
Density: Electrical data: Motor type: Rated power - P2: Power (P2) required by pump: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current: Starting current:	998.2 kg/m³ 90LC 2.2 kW 2.2 kW 2.2 kW 50 Hz 1 x 220-230/240 V 14,0-13,6/12,6 A 330 %
Density: Electrical data: Motor type: Rated power - P2: Power (P2) required by pump: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor:	998.2 kg/m³ 90LC 2.2 kW 2.2 kW 2.2 kW 50 Hz 1 x 220-230/240 V 14,0-13,6/12,6 A 330 % 1.00
Density: Electrical data: Motor type: Rated power - P2: Power (P2) required by pump: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed:	998.2 kg/m³ 90LC 2.2 kW 2.2 kW 2.2 kW 50 Hz 1 x 220-230/240 V 14,0-13,6/12,6 A 330 % 1.00 2730/2720 rpm
Density: Electrical data: Motor type: Rated power - P2: Power (P2) required by pump: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Motor efficiency at full load:	998.2 kg/m³ 90LC 2.2 kW 2.2 kW 2.2 kW 50 Hz 1 x 220-230/240 V 14,0-13,6/12,6 A 330 % 1.00 2730/2720 rpm 75 %
Density: Electrical data: Motor type: Rated power - P2: Power (P2) required by pump: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Motor efficiency at full load: Number of poles:	998.2 kg/m³ 90LC 2.2 kW 2.2 kW 50 Hz 1 x 220-230/240 V 14,0-13,6/12,6 A 330 % 1.00 2730/2720 rpm 75 % 2
Density: Electrical data: Motor type: Rated power - P2: Power (P2) required by pump: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Motor efficiency at full load: Number of poles: Enclosure class (IEC 34-5):	998.2 kg/m³ 90LC 2.2 kW 2.2 kW 50 Hz 1 x 220-230/240 V 14,0-13,6/12,6 A 330 % 1.00 2730/2720 rpm 75 % 2 55 Dust/Jetting
Density: Electrical data: Motor type: Rated power - P2: Power (P2) required by pump: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Motor efficiency at full load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85):	998.2 kg/m³ 90LC 2.2 kW 2.2 kW 50 Hz 1 x 220-230/240 V 14,0-13,6/12,6 A 330 % 1.00 2730/2720 rpm 75 % 2 55 Dust/Jetting F
Density: Electrical data: Motor type: Rated power - P2: Power (P2) required by pump: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Motor efficiency at full load: Number of poles: Enclosure class (IEC 34-5):	998.2 kg/m³ 90LC 2.2 kW 2.2 kW 50 Hz 1 x 220-230/240 V 14,0-13,6/12,6 A 330 % 1.00 2730/2720 rpm 75 % 2 55 Dust/Jetting









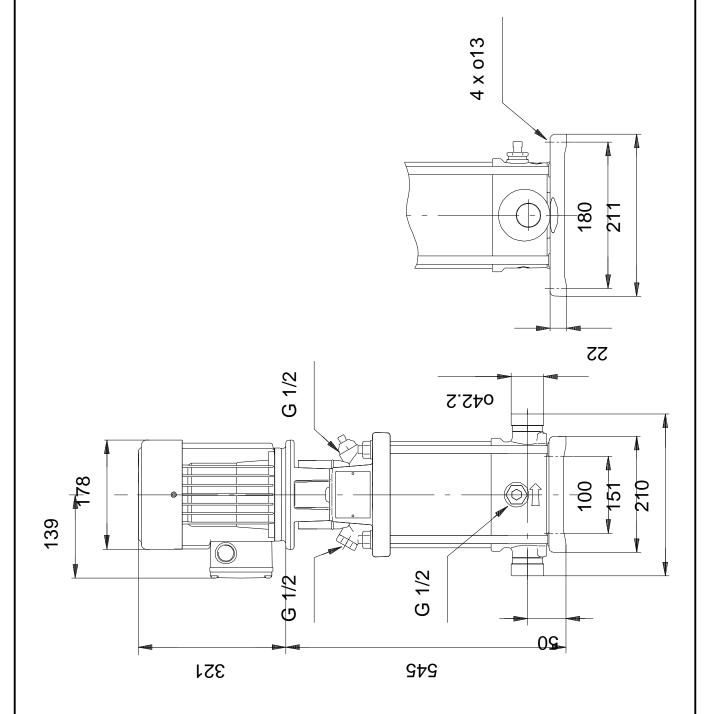
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Description	Value
Minimum efficiency index, MEI ≥:	0.7
Net weight:	36.6 kg
Gross weight:	41.6 kg



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



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