Qty. | Description

1 MTR 1-15/15 A-W-A-HUUV



Product No.: On request

Multistage, immersible, self-priming, centrifugal pump for vertical installation in tanks etc.

The pump head and base are in cast iron – all other wetted parts are in stainless steel. The pump has the following characteristics:

- Dimensions according to DIN 5440.
- · Impellers, intermediate chambers and spline shaft are made of Stainless steel.
- Mechanical shaft seal according to EN 12756.
- Power transmission via sintered metal split coupling.

A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. The pump is fitted with a 3-phase, fan-cooled asynchronous motor.

Controls:

Frequency converter: NONE

Liquid:

Pumped liquid: Water
Liquid temperature range: -10 .. 90 °C
Selected liquid temperature: 20 °C
Density: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 2864 rpm

Rated flow: 30 l/min
Rated head: 68.7 m
Chambers: 15
Drainage back to tank: N
Pump orientation: Vertical
Code for shaft seal: HUUV
Approvals: CE.EAC

Curve tolerance: ISO9906:2012 3B

Materials:

Pump head: Cast iron

EN 1561 EN-GJL-200

ASTM A48-25B

Impeller: Stainless steel

EN 1.4301 AISI 304

Installation:

t max amb: 60 °C Maximum operating pressure: 25 bar Max pressure at stated temp: 25 bar

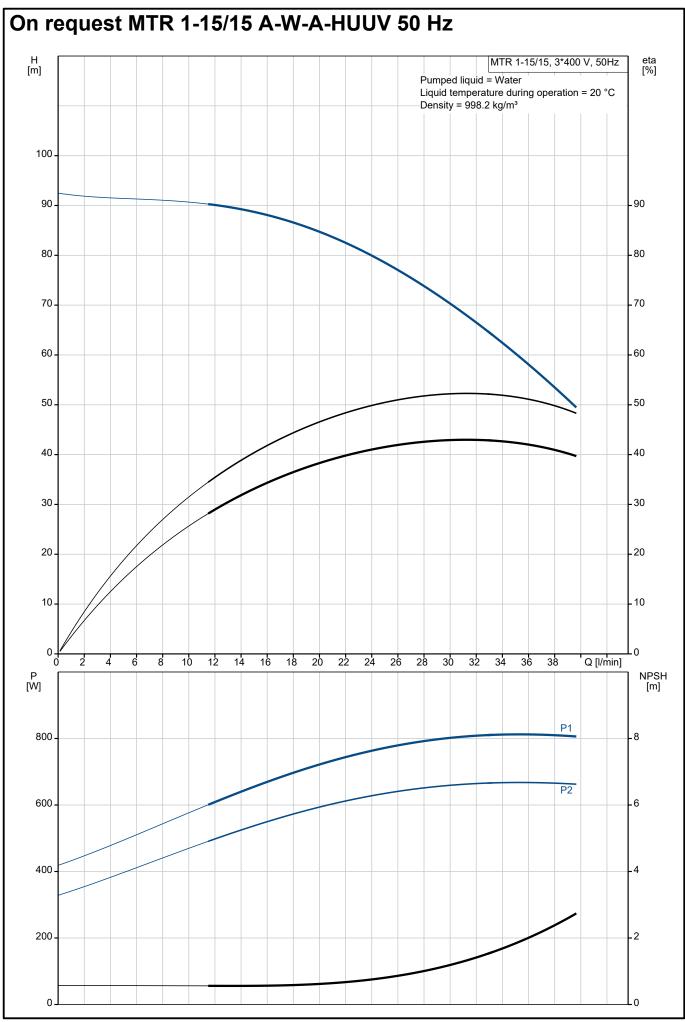
Max pressure at stated temp: 25 bar / 90 °C
Type of connection: G internal thread

Size of outlet connection: 1 1/4 inch Immersion depth: 394 mm Flange size for motor: FT100

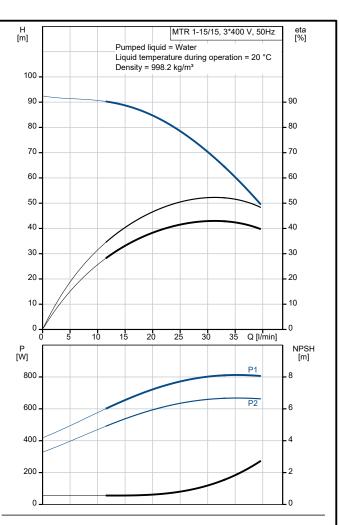
Electrical data:

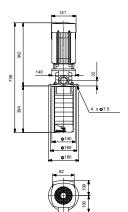
Motor standard: IEC
Motor type: 80A
IE Efficiency class: IE3
Rated power - P2: 0.75 kW

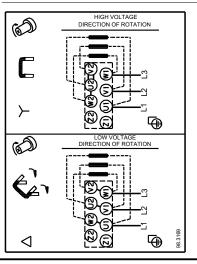
Description Mains frequency: 50 Hz Suitable for 50/60 Hz: Ν 3 x 220-240D/380-415Y V Rated voltage: Rated current: 3.30/1.90 A Starting current: 580-620 % Cos phi - power factor: 0.81-0.71 Rated speed: 2840-2870 rpm Efficiency: IE3 80,7% Motor efficiency at full load: 80.7 % 82.7 % Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: 81.7 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor No: 85U05104 Others: Terminal box position: Minimum efficiency index, MEI ≥: 0.70 Net weight: 15 kg Gross weight: 18.6 kg Shipping volume: 0.077 m³ Danish VVS No.: 386961015 Country of origin: HU Custom tariff no.: 84137075



Description Value General information: MTR 1-15/15 AA-W-A-HUUV Product No: On request EAN number: On request Technical: 2864 rpm Pump speed on which pump data are based: 2864 rpm Rated flow: 30 l/min Rated head: 68.7 m Chambers: 15 Impellers: 15 Number of reduced-diameter impellers: 0 Drainage back to tank: N Pump orientation: Vertical Code for shaft seal: HUUV Approvals: CE,EAC Curve tolerance: IS09906:2012 3B Pump version: A Model: A Materials: Cast iron Pump head: Cast iron Pump head: Cast iron Pump head: ASTM A48-25B Impeller: Alsi 304 Material code: A Material code: A Maximum operating pressure: 25 bar Max pressure at stated temp: </th <th></th> <th></th>				
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Density: 998.2 kg/m³ Electrical data: IEC Motor standard: IEC Motor type: 80A IE Efficiency class: IE3 Rated power - P2: 0.75 kW Mains frequency: 50 Hz Suitable for 50/60 Hz: N Rated voltage: 3 x 220-240D/380-415Y Rated current: 3.30/1.90 A Starting current: 580-620 % Cos phi - power factor: 0.81-0.71 Rated speed: 2840-2870 rpm Efficiency: IE3 80,7% Motor efficiency at full load: 80.7 % Motor efficiency at 3/4 load: 82.7 % Motor efficiency at 1/2 load: 81.7 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Built-in motor protection: NONE Motor No: 85U05104	Liquid temperature range:	-10 90 °C		
Electrical data: IEC Motor type: 80A IE Efficiency class: IE3 Rated power - P2: 0.75 kW Mains frequency: 50 Hz Suitable for 50/60 Hz: N Rated voltage: 3 x 220-240D/380-415Y Rated current: 3.30/1.90 A Starting current: 580-620 % Cos phi - power factor: 0.81-0.71 Rated speed: 2840-2870 rpm Efficiency: IE3 80,7% Motor efficiency at full load: 80.7 % Motor efficiency at 1/2 load: 81.7 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Built-in motor protection: NONE Motor No: 85U05104	Selected liquid temperature:	20 °C		
Motor standard: IEC Motor type: 80A IE Efficiency class: IE3 Rated power - P2: 0.75 kW Mains frequency: 50 Hz Suitable for 50/60 Hz: N Rated voltage: 3 x 220-240D/380-415Y Rated current: 3.30/1.90 A Starting current: 580-620 % Cos phi - power factor: 0.81-0.71 Rated speed: 2840-2870 rpm Efficiency: IE3 80,7% Motor efficiency at 1/2 load: 80.7 % Motor efficiency at 1/2 load: 81.7 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Built-in motor protection: NONE Motor No: 85U05104	Density:	998.2 kg/m³		
Motor type: 80A IE Efficiency class: IE3 Rated power - P2: 0.75 kW Mains frequency: 50 Hz Suitable for 50/60 Hz: N Rated voltage: 3 x 220-240D/380-415Y Rated current: 3.30/1.90 A Starting current: 580-620 % Cos phi - power factor: 0.81-0.71 Rated speed: 2840-2870 rpm Efficiency: IE3 80,7% Motor efficiency at full load: 80.7 % Motor efficiency at 1/2 load: 81.7 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Built-in motor protection: NONE Motor No: 85U05104	Electrical data:			
IE Efficiency class:	Motor standard:	IEC		
Rated power - P2: 0.75 kW Mains frequency: 50 Hz Suitable for 50/60 Hz: N Rated voltage: 3 x 220-240D/380-415Y V Rated current: 3.30/1.90 A Starting current: 580-620 % Cos phi - power factor: 0.81-0.71 Rated speed: 2840-2870 rpm Efficiency: IE3 80,7% Motor efficiency at full load: 80.7 % Motor efficiency at 3/4 load: 82.7 % Motor efficiency at 1/2 load: 81.7 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Built-in motor protection: NONE Motor No: 85U05104	Motor type:	80A		
Rated power - P2: 0.75 kW Mains frequency: 50 Hz Suitable for 50/60 Hz: N Rated voltage: 3 x 220-240D/380-415Y V Rated current: 3.30/1.90 A Starting current: 580-620 % Cos phi - power factor: 0.81-0.71 Rated speed: 2840-2870 rpm Efficiency: IE3 80,7% Motor efficiency at full load: 80.7 % Motor efficiency at 3/4 load: 82.7 % Motor efficiency at 1/2 load: 81.7 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Built-in motor protection: NONE Motor No: 85U05104	IE Efficiency class:	IE3		
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Motor efficiency at full load: Motor efficiency at 3/4 load: 82.7 % Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85): Built-in motor protection: Motor No: 85.07 % 82.7 % No.7 % 81.7 % No.7 % St. 10 % No.7 % No.		•		
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Motor efficiency at 1/2 load: 81.7 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Built-in motor protection: NONE Motor No: 85U05104				
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Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Built-in motor protection: NONE Motor No: 85U05104	-	81.7 %		
Insulation class (IEC 85): F Built-in motor protection: NONE Motor No: 85U05104		2		
Built-in motor protection: NONE Motor No: 85U05104	Enclosure class (IEC 34-5):	55 Dust/Jetting		
Motor No: 85U05104	Insulation class (IEC 85):	F		
	Built-in motor protection:	NONE		
Controls:	Motor No:	85U05104		
	Controls:			

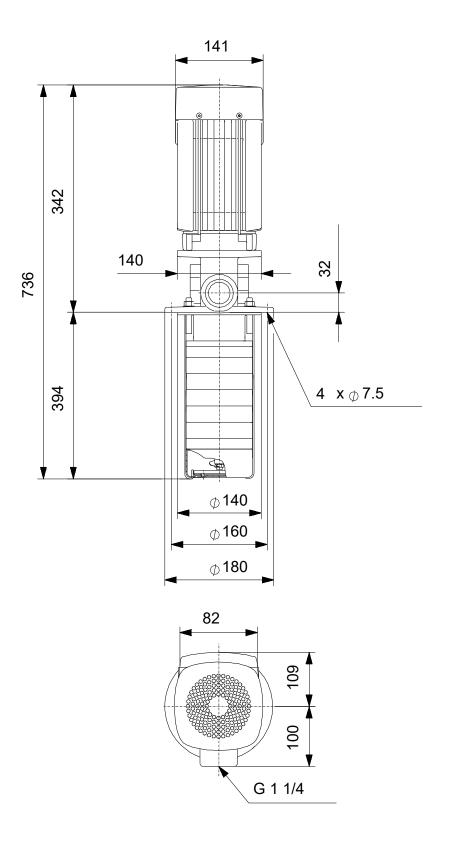






Description	Value
Frequency converter:	NONE
Others:	
Terminal box position:	6
Minimum efficiency index, MEI ≥:	0.70
Net weight:	15 kg
Gross weight:	18.6 kg
Shipping volume:	0.077 m³
Danish VVS No.:	386961015
Country of origin:	HU
Custom tariff no.:	84137075

On request MTR 1-15/15 A-W-A-HUUV 50 Hz



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

On request MTR 1-15/15 A-W-A-HUUV 50 Hz **HIGH VOLTAGE DIRECTION OF ROTATION** LOW VOLTAGE **DIRECTION OF ROTATION** Note! All units are in [mm] unless others are stated.

	Order Data:						
Position	Your pos.	Product name	Amount	Product No	Total		
		MTR 1-15/15	1	On request	Price on request		
					request		