

Submittal Data

PROJECT: _____	UNIT TAG: _____	QUANTITY: _____
REPRESENTATIVE: _____	TYPE OF SERVICE: _____	DATE: _____
ENGINEER: _____	SUBMITTED BY: _____	DATE: _____
CONTRACTOR: _____	APPROVED BY: _____	DATE: _____
	ORDER NO.: _____	DATE: _____



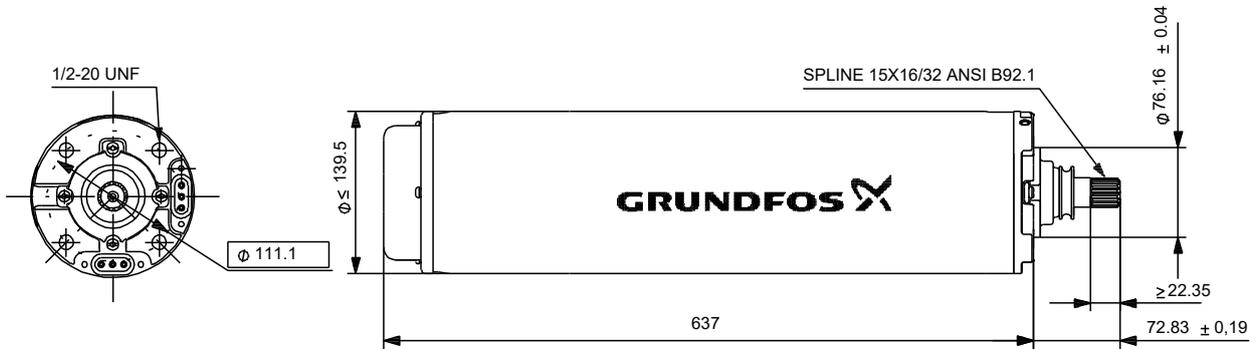
MS6000REST40

Submersible motors

Note! Product picture may differ from actual product

Conditions of Service	Pump Data	Motor Data
	Approvals: CE, GOST2 Product number: On request	Rated power - P2: 11 kW Rated voltage: 340-380 V Mains frequency: 50 Hz Enclosure class: IP68 Insulation class: F Motor protection: NONE Thermal protection: external Motor type: MS6000

Submittal Data



Materials:

Motor: Stainless steel
Motor: DIN W.-Nr. 1.4539
Motor: AISI 904 L

Qty. Description

1 **MS6000REST40**



Note! Product picture may differ from actual product

Product No.: On request

The motor is a 3-phase motor of the canned type with sand shield, liquid-lubricated bearings and pressure equalizing diaphragm.

Liquid:

Max liquid t at 0.15 m/sec: 40 °C

Technical:

Shaft seal for motor: SIC/SICFKM

Approvals: CE,GOST2

CE approved (Yes/No): Y

Motor version: T40

Materials:

Motor: Stainless steel
DIN W.-Nr. 1.4539
AISI 904 L

Installation:

Maximum ambient pressure: 60 bar

Motor diameter: 6 inch

Electrical data:

Motor type: MS6000

Rated power - P2: 11 kW

Mains frequency: 50 Hz

Rated voltage: 3 x 340-380 V

Voltage tolerance: +6/-10 %

Rated current: 29.0-27.0 A

Starting current: 430-540 %

Cos phi - power factor: 0.85-0.80

Rated speed: 2830-2880 rpm

Rated full-load torque: 37 Nm

Locked-rotor torque: 130-180 %

Breakdown torque: 220-290 %

Moment of inertia: 0.0057 kg m²

Axial load max: 27 kN

Start. method: direct-on-line

Enclosure class (IEC 34-5): IP68

Insulation class (IEC 85): F

Built-in temp. transmitter: yes

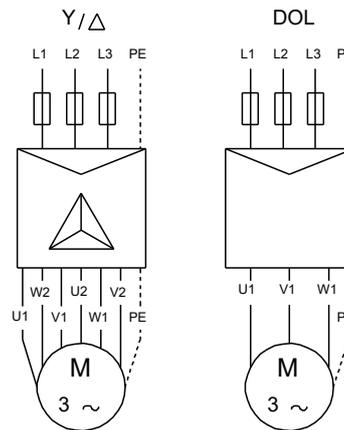
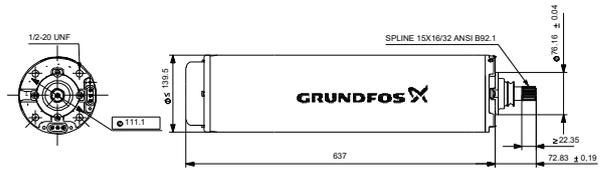
Winding resistance: 1.027 ohm

Windings: Enamelled

Others:

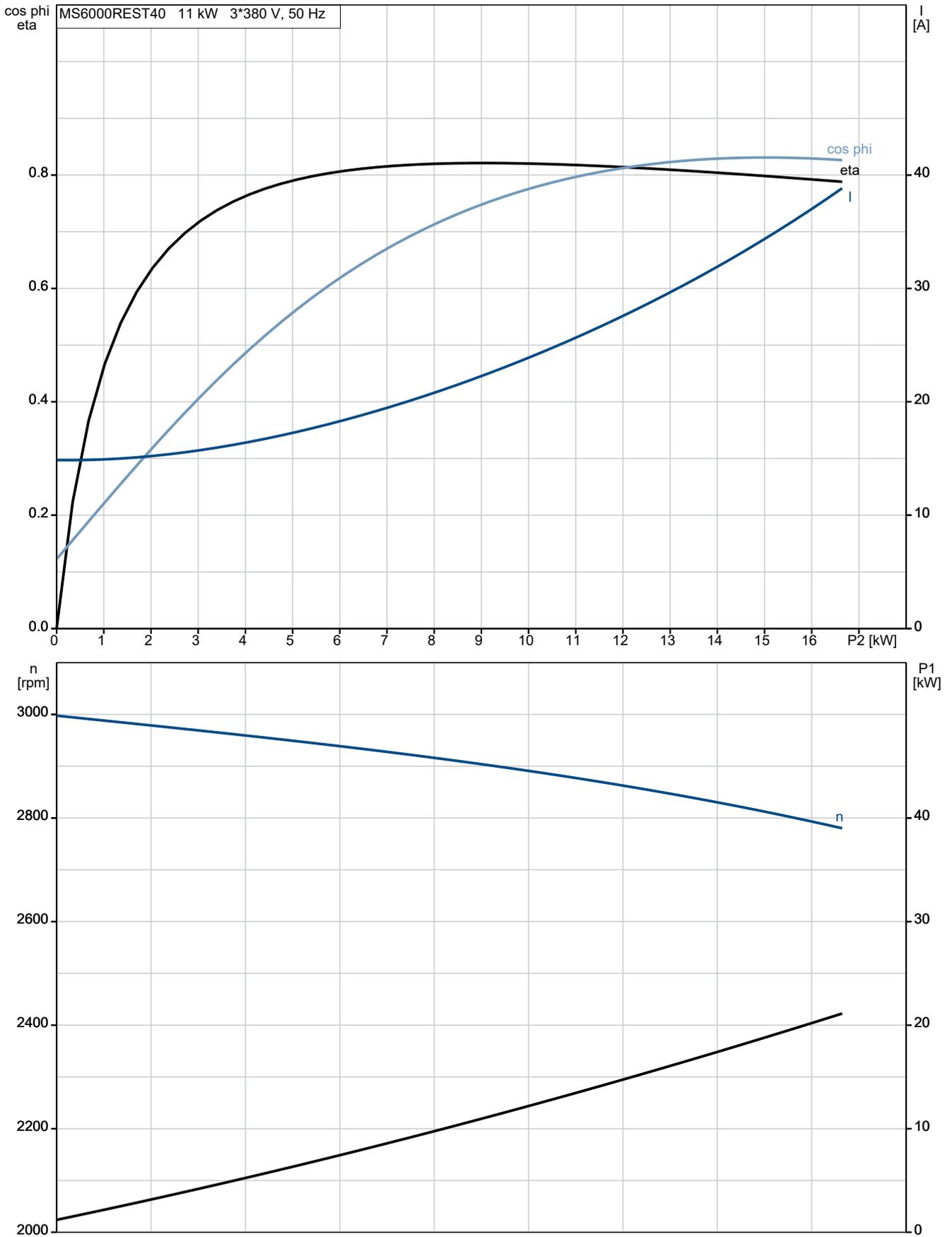
Net weight: 46 kg

Description	Value
General information:	
Product name:	MS6000REST40
Product No:	On request
EAN number:	On request
Technical:	
Shaft seal for motor:	SIC/SICFKM
Approvals:	CE,GOST2
CE approved (Yes/No):	Y
Model:	C
Motor version:	T40
Materials:	
Motor:	Stainless steel
Motor:	DIN W.-Nr. 1.4539
Motor:	AISI 904 L
Installation:	
Maximum ambient pressure:	60 bar
Motor diameter:	6 inch
Staybolt:	1/2-20 UNF
Liquid:	
Max liquid t at 0.15 m/sec:	40 °C
Electrical data:	
Motor type:	MS6000
Rated power - P2:	11 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 340-380 V
Voltage tolerance:	+6/-10 %
Rated current:	29.0-27.0 A
Starting current:	430-540 %
Cos phi - power factor:	0.85-0.80
Rated speed:	2830-2880 rpm
Rated full-load torque:	37 Nm
Locked-rotor torque:	130-180 %
Breakdown torque:	220-290 %
Moment of inertia:	0.0057 kg m ²
Axial load max:	27 kN
Start. method:	direct-on-line
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	F
Built-in motor protection:	NONE
Thermal protec:	external
Built-in temp. transmitter:	yes
Winding resistance:	1.027 ohm
Windings:	Enamelled
Others:	
Net weight:	46 kg

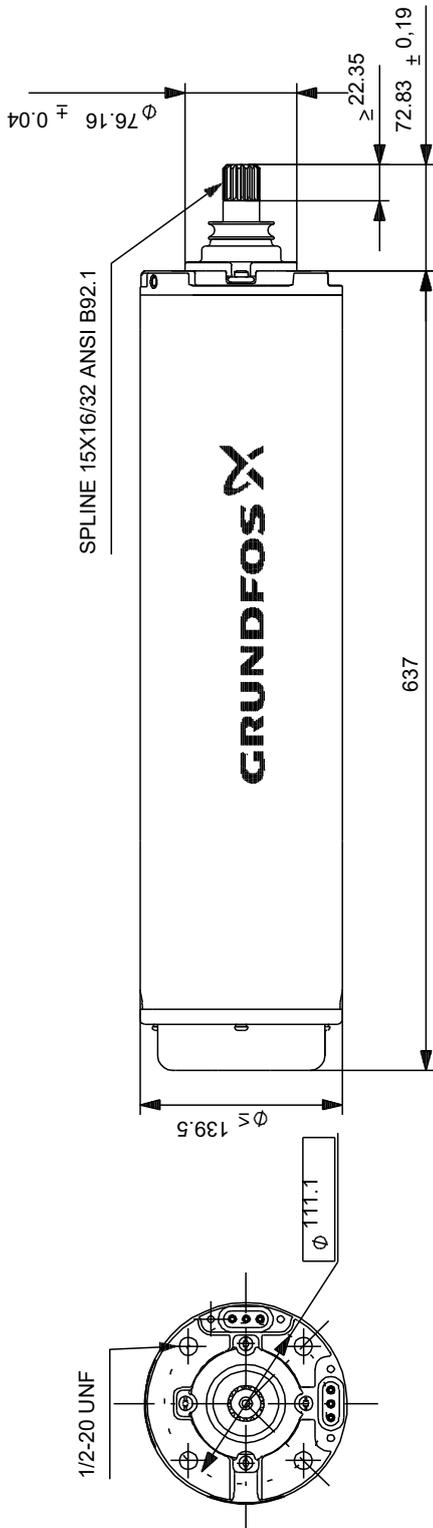


U1, W2	Brown
V1, U2	Black
W1, V2	Grey

On request MS6000REST40 50 Hz

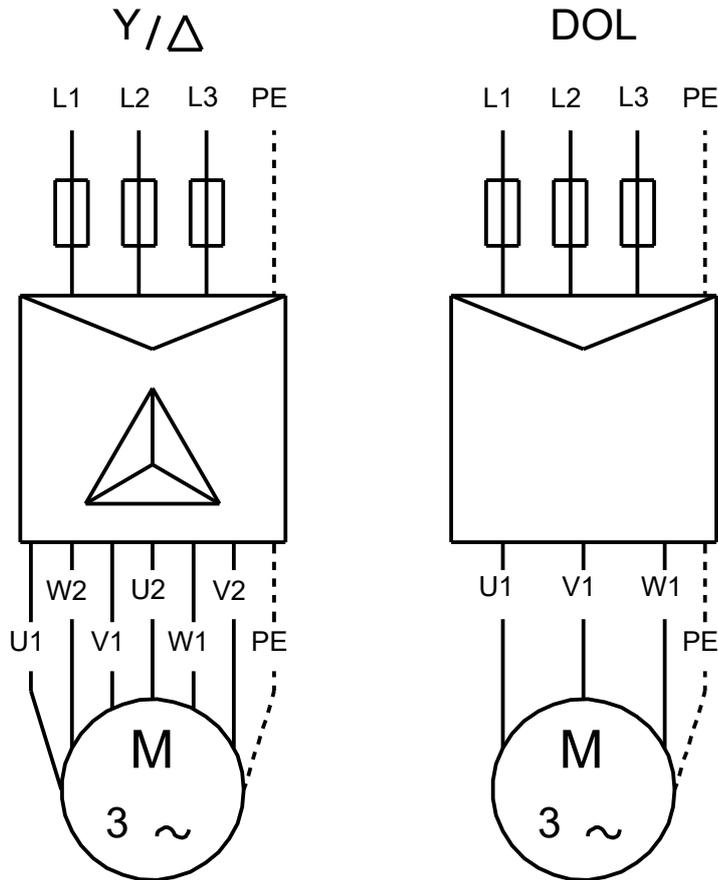


On request MS6000REST40 50 Hz



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

On request MS6000REST40 50 Hz



U1, W2	Brown
V1, U2	Black
W1, V2	Grey

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



Ordering data

On request MS6000REST40 50 Hz

Product No.: On request

Company name: Al Mawared Engineering & Trading S.A.E (MET)

Date: 10/8/2023

Created by: Mostafa Mohamed

Phone: 02 26421242 - 01223033998

Fax:

Project:

Client Number:

Contact:

Reference Number:

Electrical data:

Frequency	50 Hz	-
Rated motor voltage	340-380 V	-
Rated motor power	11 kW	-
Rated motor speed	2830-2880 rpm	-
Rated motor torque	37 Nm	-
Wiring connection	-	-
Rated motor current	29.0-27.0 A	-
Max motor current	-	-
Efficiency class	-	-
Full load Efficiency %	-	-
Power factor	0.85-0.80	-
Starting- / Rated motor current <small>(50/60 Hz)</small>		/
Breakdown- / Rated motor torque <small>(50/60 Hz)</small>		220-290 / %
Starting- / Rated motor torque <small>(50/60 Hz)</small>		/

Mechanical data:

Moment of inertia 0.0057 kg m²

Ambient conditions:

Ambient temperature	
Altitude above sea level	1000 m
Approvals and specifications	IEC 60034

General data:

Frame size	MS6000
Type of construction	-
Weight, without optional accessories	46 kg
Frame material	-
Degree of protection	IP IP68
Max liquid t at 0.15 m/sec	40
Vibration class	
Duty type	S1
Direction of rotation	CCW

Protection:

Built-in protection	-
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