

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

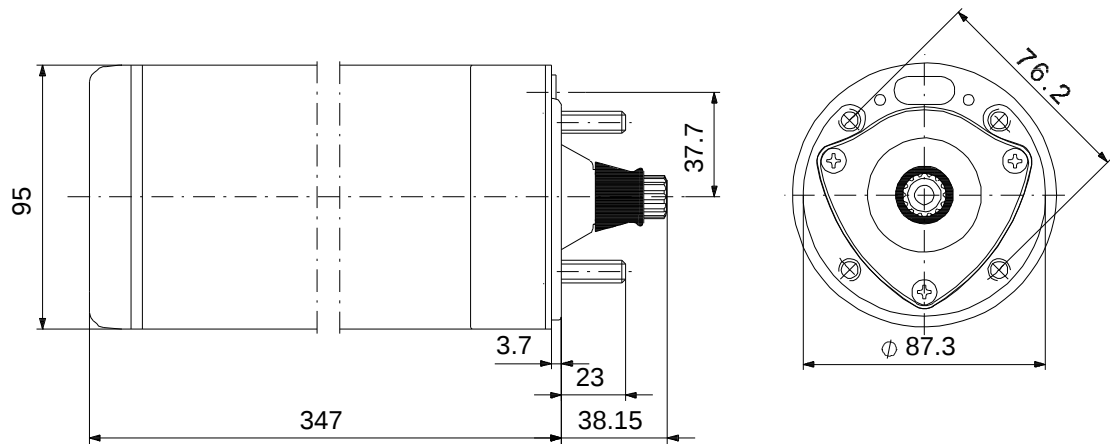


MS 402

Submersible motors

Note! Product picture may differ from actual product

Conditions of Service	Pump Data	Motor Data
Flow: _____	Approvals: CE,EAC,CSACOMP,UR	Rated power - P2: 0.75 kW
Head: _____	Product number: 96465610	Rated voltage: 230 V
Efficiency: _____		Mains frequency: 60 Hz
Liquid: _____		Enclosure class: IP68
Temperature: _____		Insulation class: B
NPSH required: _____		Motor protection: CONTACT
Viscosity: _____		Thermal protection: internal
Specific Gravity: _____		Motor type: MS402



Materials:

Motor: Stainless steel
1.4301 EN
AISI 304

Tender Text



Note! Product picture may differ from actual product

Product No.: [96465610](#)

MS 402

The motor is a 1-phase motor of the canned type with sand shield, liquid-lubricated bearings and pressure equalizing diaphragm.

Technical:

Shaft seal for motor: LIPSEAL
Approvals on nameplate: CE,EAC,CSACOMP,UR
Motor version: T40

Materials:

Motor: Stainless steel
1.4301 EN
AISI 304

Installation:

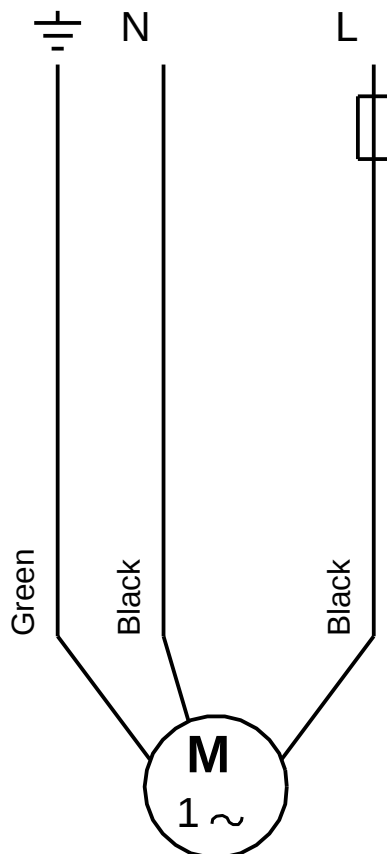
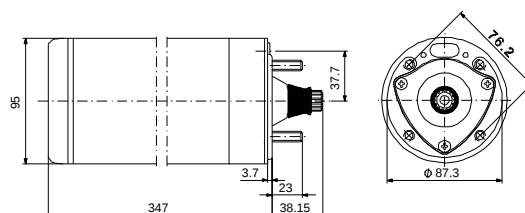
Maximum ambient pressure: 15 bar
Motor diameter: 4 inch

Electrical data:

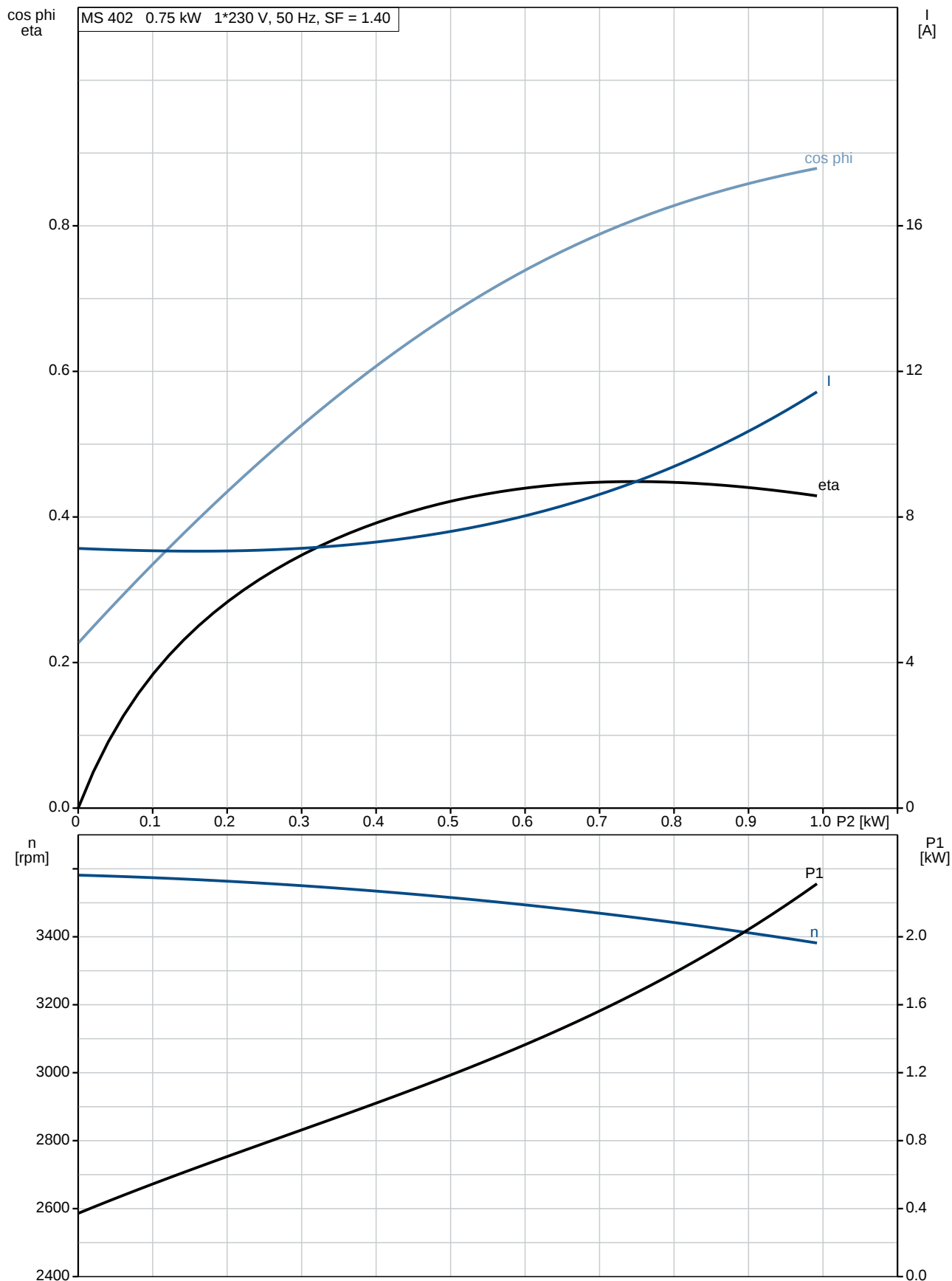
Motor type: MS402
Type of motor: CSIR
Rated power - P2: 0.75 kW
Mains frequency: 60 Hz
Rated voltage: 1 x 230 V
Voltage tolerance: +10/-10 %
Service factor: 1.40
Rated current: 9.8 A
Maximum current consumption: 9.8 A
Starting current: 430 %
Cos phi - power factor: 0.82
Rated speed: 3450 rpm
Rated full-load torque: 2.88 Nm
Locked-rotor torque: 160 %
Breakdown torque: 190 %
Moment of inertia: 0.0006 kg m²
Capacitor size - start: 120 µF/220 V
Start. method: direct-on-line
Enclosure class (IEC 34-5): IP68
Insulation class (IEC 85): B
Built-in temp. transmitter: no

Position	Qty.	Description
	1	MS 402  Note! Product picture may differ from actual product Product No.: 96465610 The motor is a 1-phase motor of the canned type with sand shield, liquid-lubricated bearings and pressure equalizing diaphragm. Technical: Shaft seal for motor: LIPSEAL Approvals on nameplate: CE,EAC,CSACOMP,UR Motor version: T40 Materials: Motor: Stainless steel 1.4301 EN AISI 304 Installation: Maximum ambient pressure: 15 bar Motor diameter: 4 inch Electrical data: Motor type: MS402 Type of motor: CSIR Rated power - P2: 0.75 kW Mains frequency: 60 Hz Rated voltage: 1 x 230 V Voltage tolerance: +10/-10 % Service factor: 1.40 Rated current: 9.8 A Maximum current consumption: 9.8 A Starting current: 430 % Cos phi - power factor: 0.82 Rated speed: 3450 rpm Rated full-load torque: 2.88 Nm Locked-rotor torque: 160 % Breakdown torque: 190 % Moment of inertia: 0.0006 kg m² Capacitor size - start: 120 µF/220 V Start. method: direct-on-line Enclosure class (IEC 34-5): IP68 Insulation class (IEC 85): B Built-in temp. transmitter: no

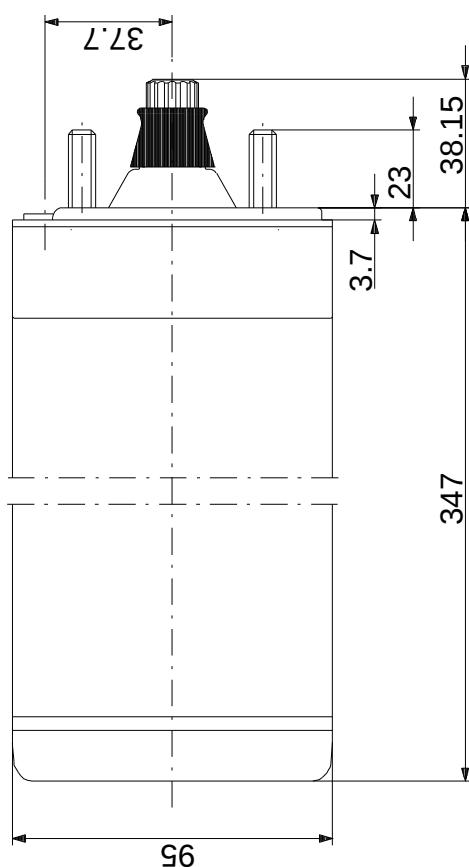
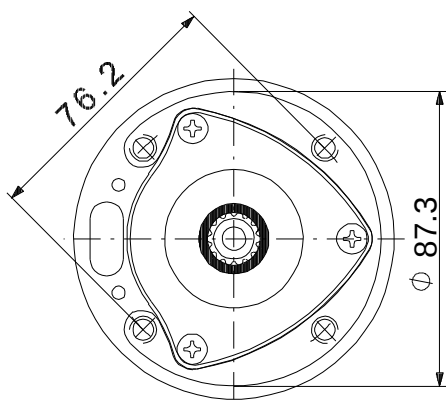
Description	Value
General information:	
Product name:	MS 402
Product No:	96465610
EAN number:	5700394859363
Technical:	
Shaft seal for motor:	LIPSEAL
Approvals on nameplate:	CE,EAC,CSACOMP,UR
Model:	B
Motor version:	T40
Materials:	
Motor:	Stainless steel
	1.4301 EN
	AISI 304
Installation:	
Maximum ambient pressure:	15 bar
Motor diameter:	4 inch
Staybolt:	5/16-24 UNF
Electrical data:	
Motor type:	MS402
Type of motor:	CSIR
Rated power - P2:	0.75 kW
KVA code:	K
Mains frequency:	60 Hz
Rated voltage:	1 x 230 V
Voltage tolerance:	+10/-10 %
Service factor:	1.40
Rated current:	9.8 A
Maximum current consumption:	9.8 A
Starting current:	430 %
Cos phi - power factor:	0.82
Rated speed:	3450 rpm
Rated full-load torque:	2.88 Nm
Locked-rotor torque:	160 %
Breakdown torque:	190 %
Moment of inertia:	0.0006 kg m ²
Axial load max:	350 kg
Capacitor size - start:	120 µF/220 V
Start. method:	direct-on-line
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	B
Motor protec:	CONTACT
Thermal protec:	internal
Built-in temp. transmitter:	no
R a:	2.90 ohm
R s1:	11.0 ohm



96465610 MS 402 60 Hz

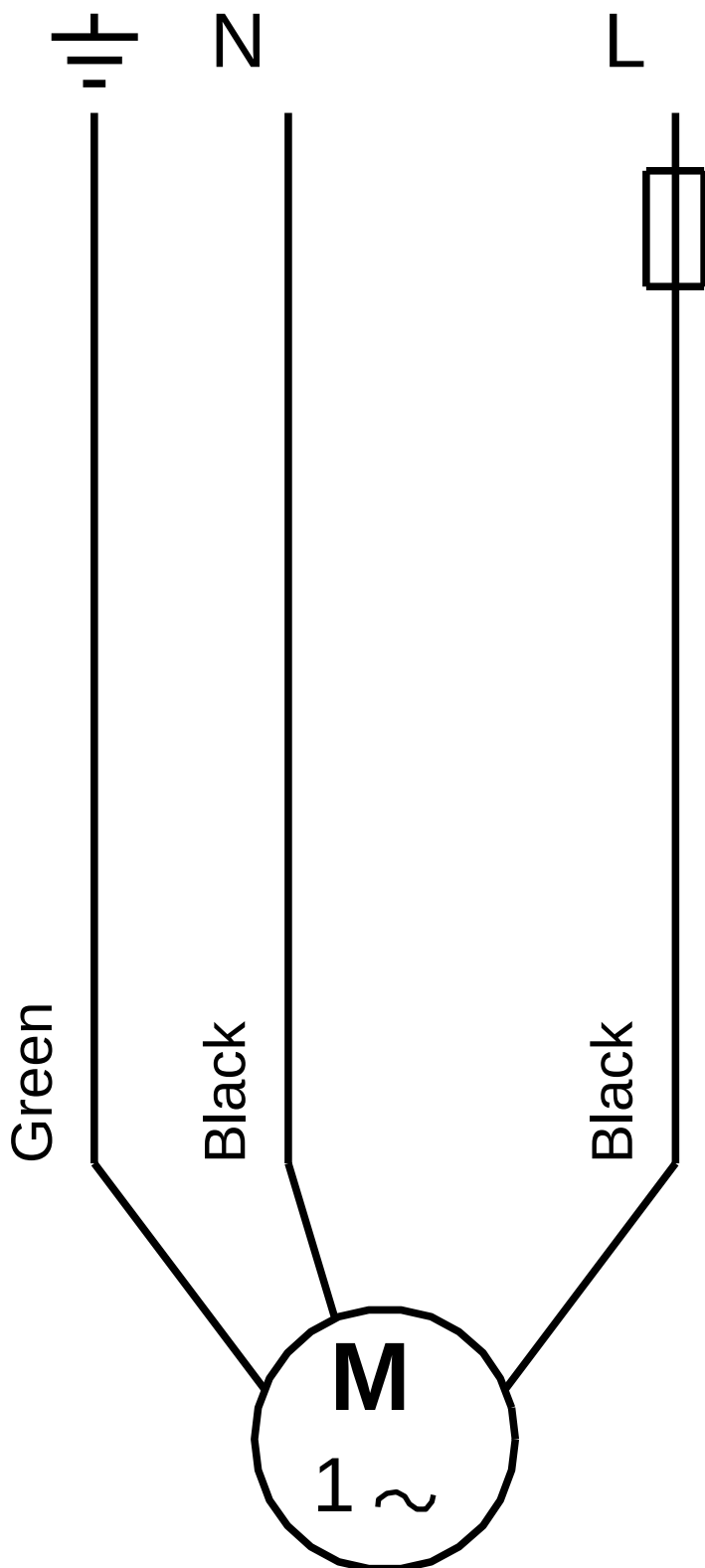


96465610 MS 402 60 Hz



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

96465610 MS 402 60 Hz



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



Company name:

Created by:

Phone:

Date:

21/02/2018

Order Data:

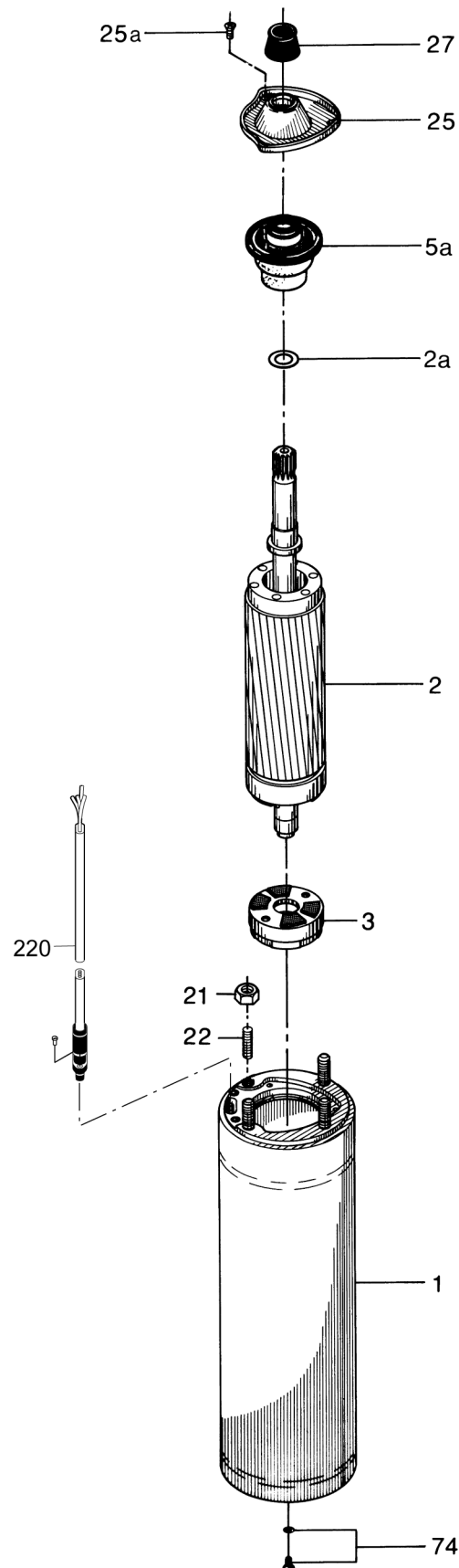
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Amount: 1

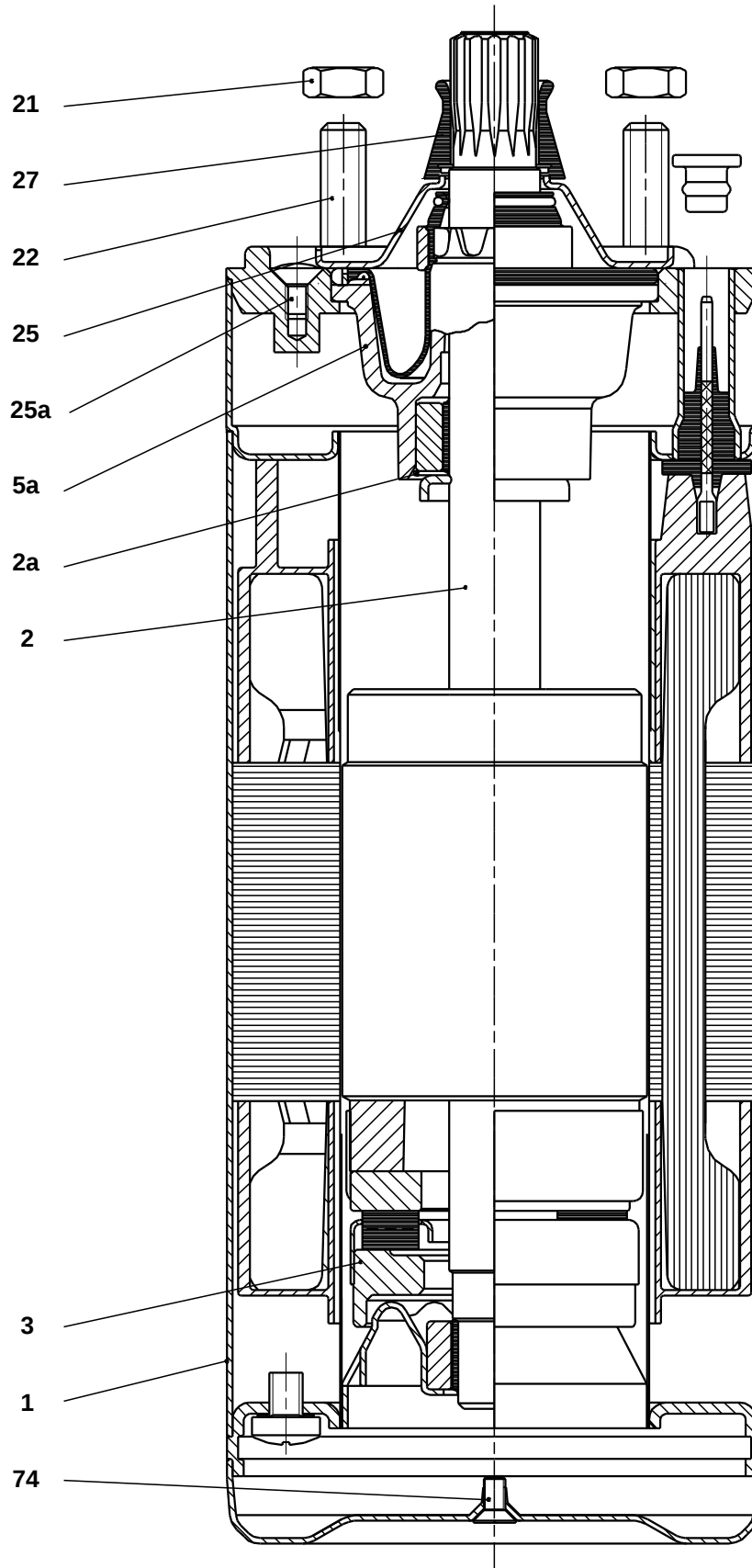
Product No: 96465610

Total: Price on request

Exploded view



Sectional drawing





Company name:

Created by:

Phone:

Date:

21/02/2018

Parts list MS 402, Product No. 96465610

Valid from 1.12.1994 (9448)

Pos	Description	Annotation	Classification Data	Part no.	Qty.	Unit
-	Motor				1	pcs
	Stator cpl.				1	
2	Shaft w/rotor				1	
2a	Lock ring				1	
3	Thrust ring support cpl.				1	
5a	Radial bearing				1	
21	Hex nut		Thread: 5/16"		4	
22	Staybolt				4	
25	Cover plate				1	
25a	Cross recess countersunk screw				3	
27	Sand shield				1	
74	Socket countersunk screw				1	
20	Motor cable		Length (M): 1,25M		1	pcs