

Tender Text



Note! Product picture may differ from actual product

Product No.: [12DJ3630](#)

BM 17-30N

High pressure booster modules are used for boosting, liquid transfer and circulation in systems under a high static pressure.

SP submersible pump with motor built into a stainless steel sleeve in a totally sealed construction.

Modules of different sizes can be combined and connected either in series or in parallel to meet exact Q/H requirements.

Liquid:

Pumped liquid: Water
Maximum liquid temperature: 40 °C
Liquid temperature during operation: 20 °C
Density: 998.2 kg/m³

Technical:

Actual calculated flow: 20.2 m³/h
Resulting head of the pump: 358.5 m
Curve tolerance: ISO9906:2012 3B

Materials:

Pump: Stainless steel
DIN W.-Nr. 1.4401
AISI 316
Impeller: Stainless steel
DIN W.-Nr. 1.4401
AISI 316
Motor: Stainless steel
1.4539 EN
AISI 904 L
Sleeve: Stainless steel
DIN W.-Nr. 1.4401
AISI 316
Rubber: NBR

Installation:

Maximum inlet pressure: 50 bar
Maximum outlet pressure: 80 bar
Flange standard: PJE
Pipe connection: 89 mm

Electrical data:

Rated power - P2: 26 kW
Mains frequency: 60 Hz
Rated voltage: 3 x 440-480 V
Service factor: 1.15
Rated current: 57,5-54,5 A



Company name:

Created by:

Phone:

Date:

20/02/2018

Start. method: direct-on-line

Enclosure class (IEC 34-5): IP54

Others:

Minimum efficiency index, MEI $\geq$ 0.70

Net weight: 167 kg

Gross weight: 236 kg

Shipping volume: 0.624 m³

Position	Qty.	Description
	1	BM 17-30N  Note! Product picture may differ from actual product Product No.: 12DJ3630 High pressure booster modules are used for boosting, liquid transfer and circulation in systems under a high static pressure. SP submersible pump with motor built into a stainless steel sleeve in a totally sealed construction. Modules of different sizes can be combined and connected either in series or in parallel to meet exact Q/H requirements. Liquid: Pumped liquid: Water Maximum liquid temperature: 40 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Technical: Actual calculated flow: 20.2 m³/h Resulting head of the pump: 358.5 m Curve tolerance: ISO9906:2012 3B Materials: Pump: Stainless steel DIN W.-Nr. 1.4401 AISI 316 Impeller: Stainless steel DIN W.-Nr. 1.4401 AISI 316 Motor: Stainless steel 1.4539 EN AISI 904 L Sleeve: Stainless steel DIN W.-Nr. 1.4401 AISI 316 Rubber: NBR Installation: Maximum inlet pressure: 50 bar Maximum outlet pressure: 80 bar Flange standard: PJE Pipe connection: 89 mm Electrical data: Rated power - P2: 26 kW Mains frequency: 60 Hz Rated voltage: 3 x 440-480 V Service factor: 1.15 Rated current: 57,5-54,5 A



Company name:

Created by:

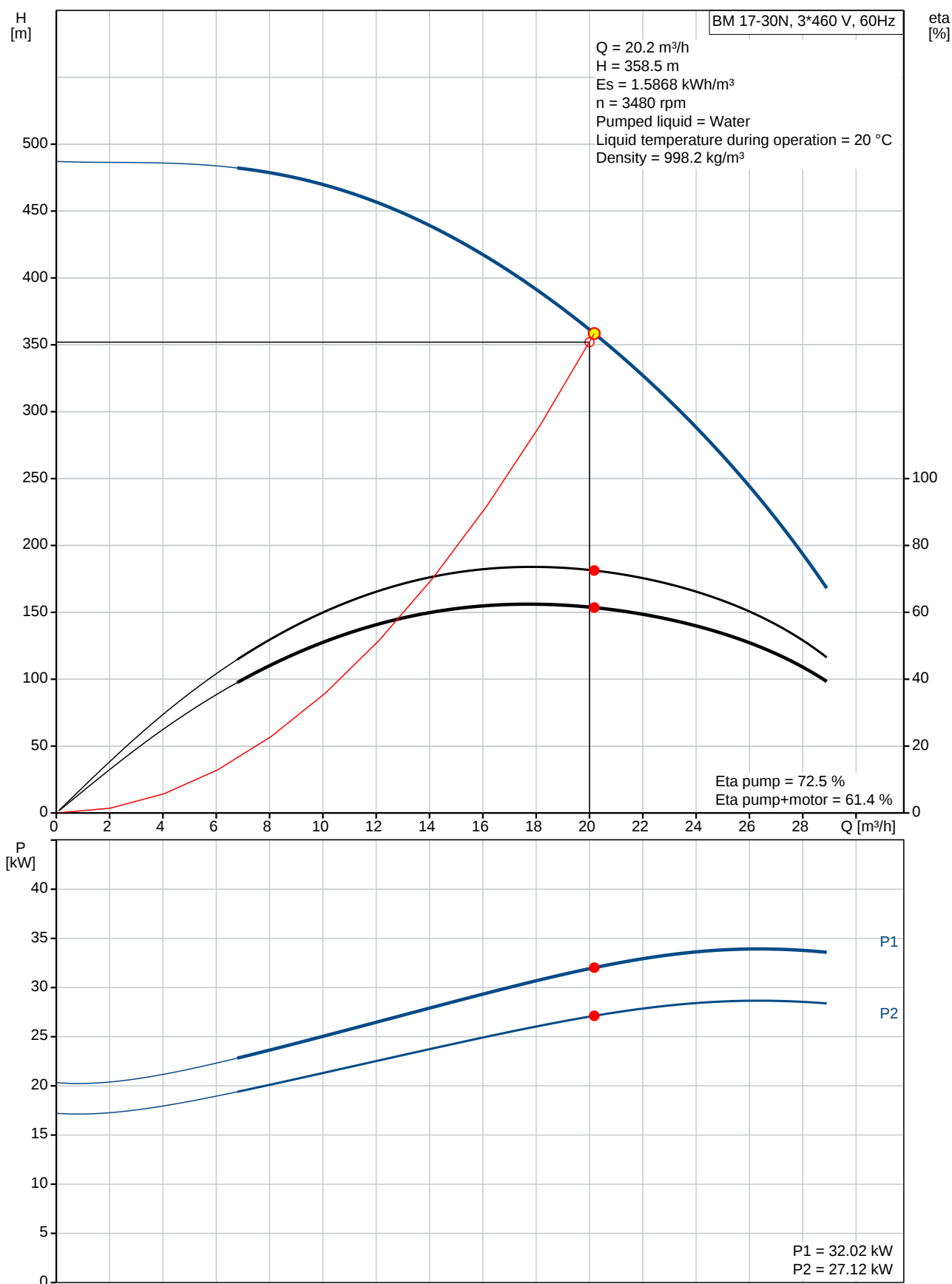
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Date:

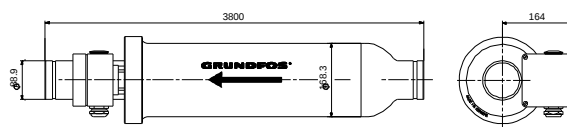
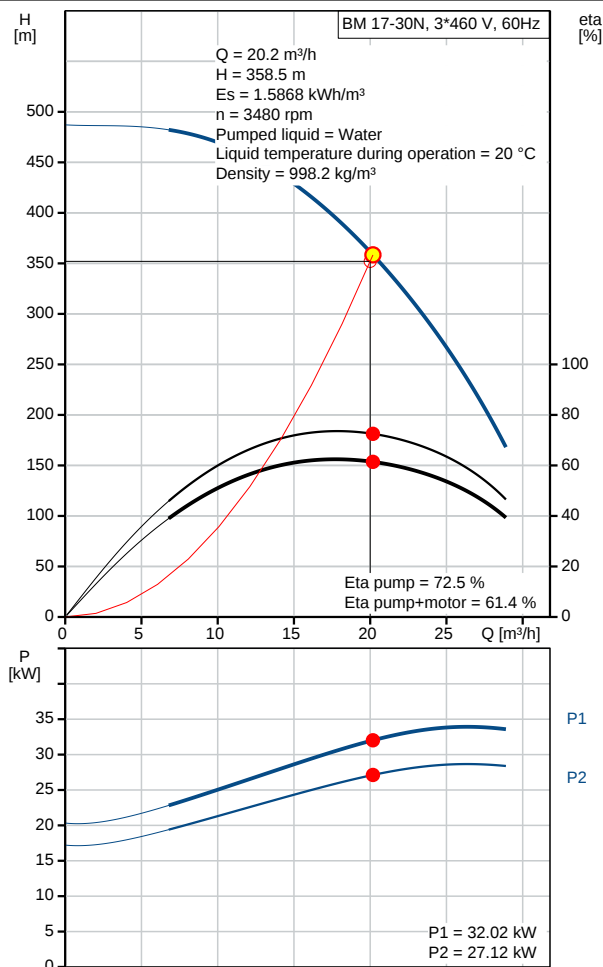
20/02/2018

Position	Qty.	Description
		Start. method: direct-on-line Enclosure class (IEC 34-5): IP54 Others: Minimum efficiency index, MEI $\geq$: 0.70 Net weight: 167 kg Gross weight: 236 kg Shipping volume: 0.624 m³

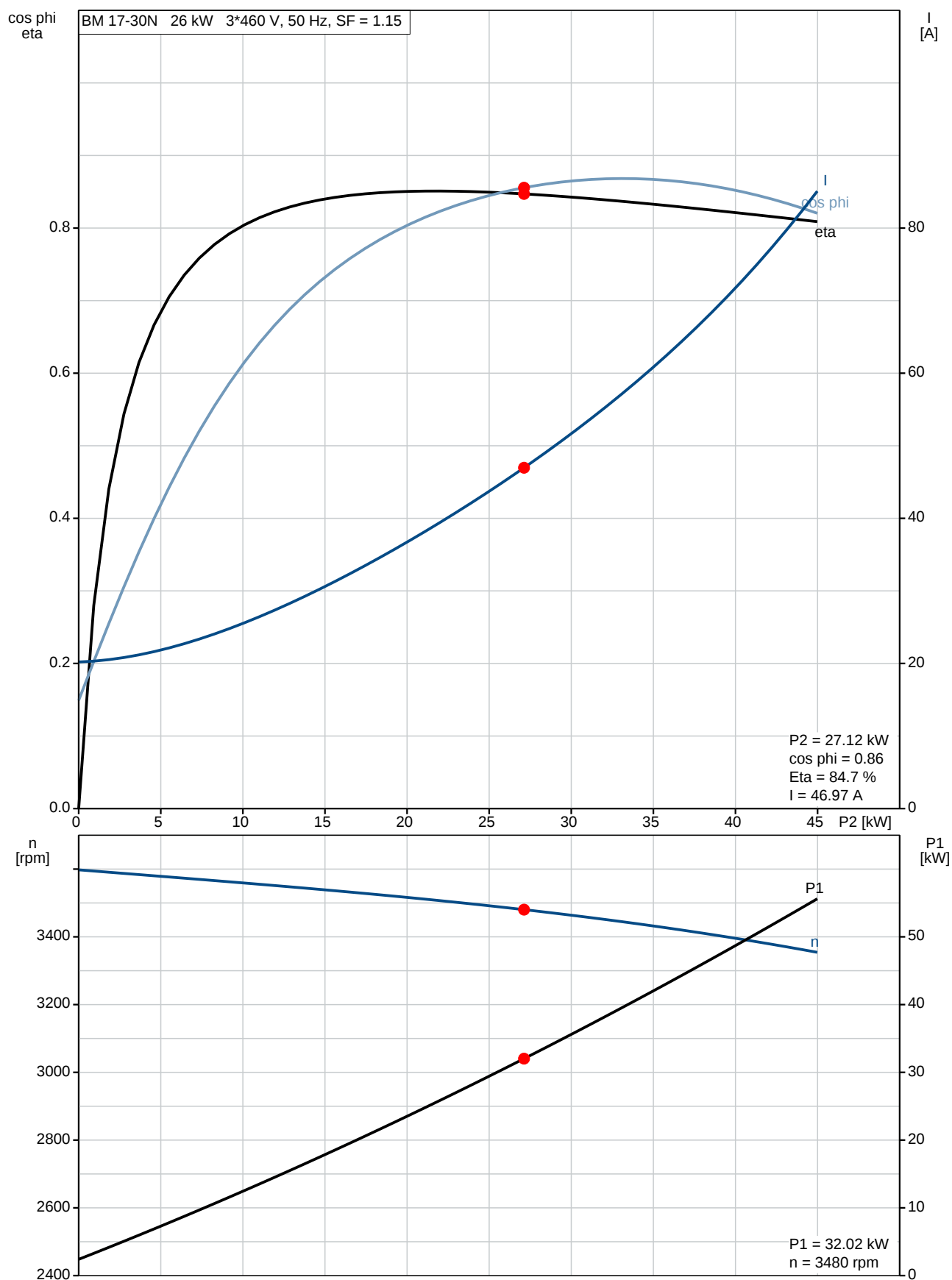
12DJ3630 BM 17-30N 60 Hz



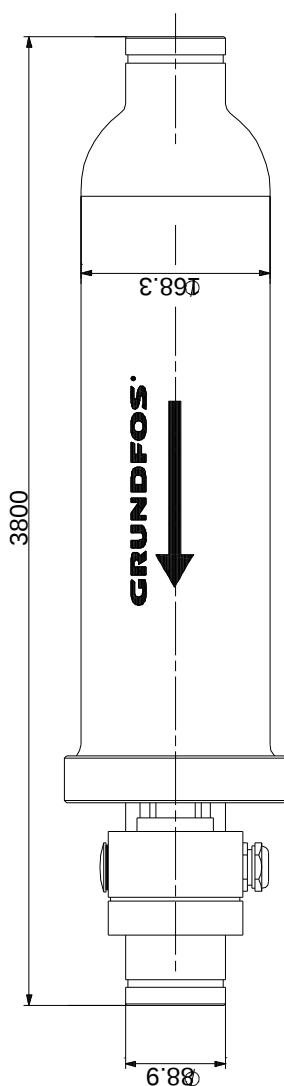
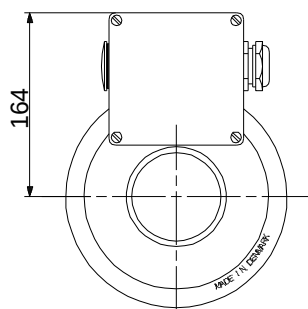
Description	Value
General information:	
Product name:	BM 17-30N
Product No:	12DJ3630
EAN number:	5700392889867
Technical:	
Actual calculated flow:	20.2 m³/h
Resulting head of the pump:	358.5 m
Stages:	30
Curve tolerance:	ISO9906:2012 3B
Model:	E
Materials:	
Pump:	Stainless steel DIN W.-Nr. 1.4401 AISI 316
Impeller:	Stainless steel DIN W.-Nr. 1.4401 AISI 316
Motor:	Stainless steel 1.4539 EN AISI 904 L
Sleeve:	Stainless steel DIN W.-Nr. 1.4401 AISI 316
Rubber:	NBR
Installation:	
Maximum inlet pressure:	50 bar
Maximum outlet pressure:	80 bar
Flange standard:	PJE
Pipe connection:	straight 89 mm
Liquid:	
Pumped liquid:	Water
Maximum liquid temperature:	40 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Rated power - P2:	26 kW
Mains frequency:	60 Hz
Rated voltage:	3 x 440-480 V
Service factor:	1.15
Rated current:	57,5-54,5 A
Start. method:	direct-on-line
Enclosure class (IEC 34-5):	IP54
Motor No:	78195119
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	167 kg
Gross weight:	236 kg
Shipping volume:	0.624 m³



12DJ3630 BM 17-30N 60 Hz



12DJ3630 BM 17-30N 60 Hz



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



Company name:

Created by:

Phone:

Date:

20/02/2018

Order Data:

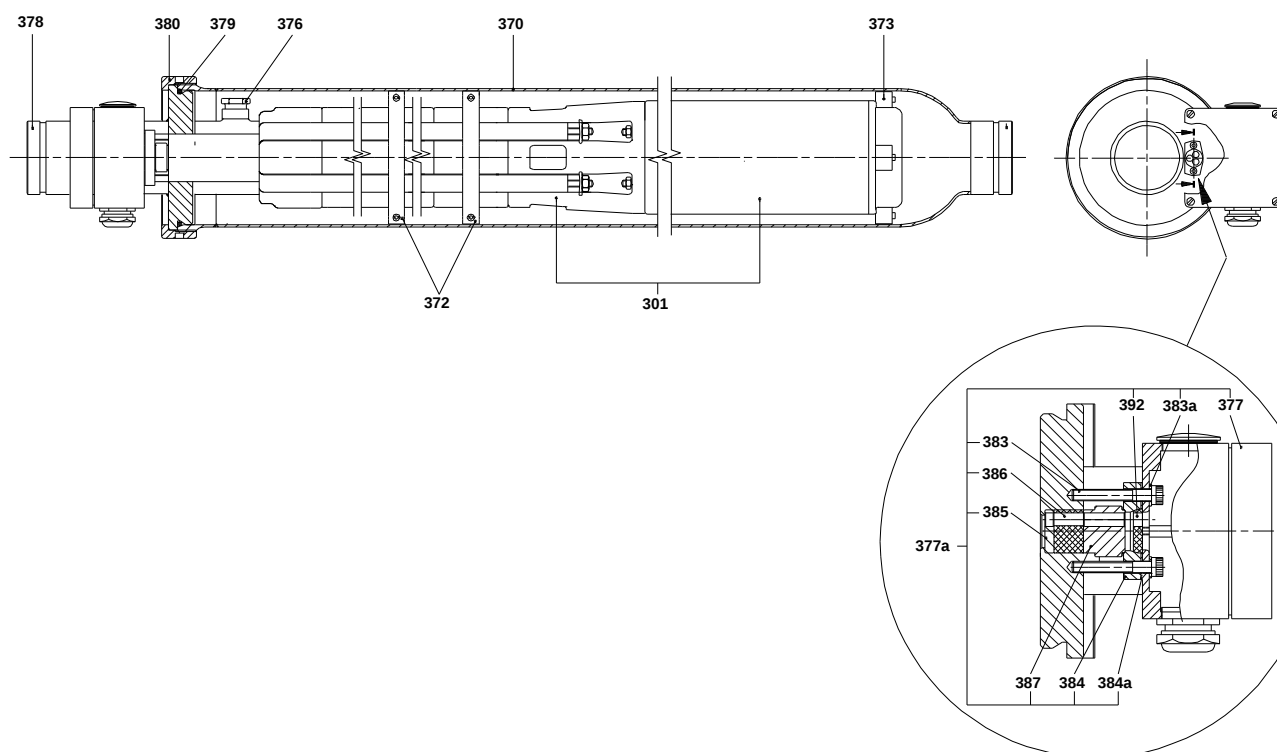
Product name: BM 17-30N

Amount: 1

Product No: 12DJ3630

Total: Price on request

Sectional drawing (TM031116 1105)



Parts list BM 17-30N, Product No. 12DJ3630

Valid from 14.6.2014 (1424)

Pos	Description	Annotation	Classification Data	Part no.	Qty.	Unit
-	Booster module				1	pcs
- 18	Air vent screw				1	
	Plug					
	Spindle					
23a	Plug				1	
100	O-ring		Diameter: 16,3		2	
			Material type: FKM			
			Thickness: 2,4			
370	Sleeve cpl.				1	
376	Bypass valve cpl.				1	
378	Discharge pipe				1	
379	O-ring		Diameter: 158,12		1	
			Material type: VITON			
			Thickness: 5,33			
380	Union nut				1	
- 301	Pump				1	
+	Pump w/o motor				1	
-	Motor				1	
	Gasket					
	Motor liquid					
	Motor liquid					
	Flange cpl.					
	Thrust bearing housing					
	Temperature sensor					
	Hex socket head cap screw					
	Rotor can cpl.					
1	Stator					
2	Shaft w/rotor					
2a	Upthrust ring					
3	Thrust bearing					
4	Radial bearing					
5	Radial bearing					
6	Thrust bearing					
7	Clamping flange					
7	Clamping flange					
13	Bottom cover					
22a	Slot pan head screw					
25a	Hex socket head cap screw					
27	Sand shield					
28	Washer					
32	Shaft seal					
41	Hex socket head cap screw					
42	Stop					
45	Shaft adjusting					
46	Socket button head screw					
48	Cross recess Pan head screw					
49	Lock ring					
20	Motor cable				1	
372	Supporting ring			1	1	pcs
- 373	Kit, centrerer cpl.			1	1	pcs
	Screw				4	
	Centrerer parts				4	
46	Gasket				4	



Company name:

Created by:

Phone:

Date:

20/02/2018

Pos	Description	Annotation	Classification Data	Part no.	Qty.	Unit
- 377a	Terminal box cpl.				1	pcs
377	Terminal box				1	
378	Plug				1	
383	Hex socket head cap screw				2	
383a	Washer		Internal diameter: 8,4		2	
			Outer diameter: 14,6			
			Thickness: 0,8			
384	Clamp				1	
384a	Gasket				1	
385	Washer				1	
386	Plug				1	
392	Rubber plug				1	