



JOHNSON PUMP
AN SPX BRAND

Instruction Manual
Flexible Impeller Pumps
bronze, high speed

F6B-9

10-24805-01



Read and understand this manual prior to
operating or servicing this product.

IB-519/R01 (1011)

SPX®

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English

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Self-priming, flexible impeller pump of bronze, high speed

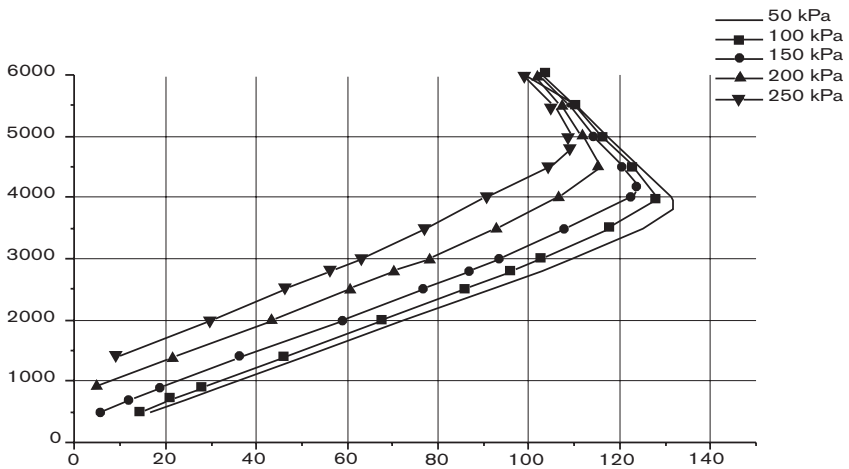
Typical applications

Engine cooling

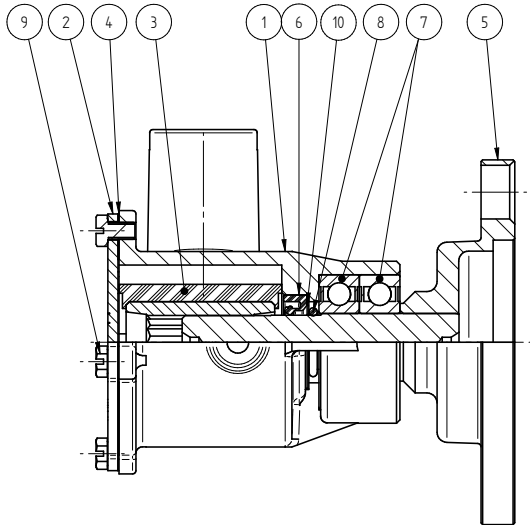
Design features

Body: Bronze
Impeller: EPDM
Shaft: Stainless steel
The shaft is mounted with two permanently lubricated ball bearings
Seal: Lip seal
Cam: Full
Connection: $\varnothing 31,8 \text{ mm} / 1\frac{1}{4}''$

Performance curve



Service instructions



| Pos | Nos | Description | Art.no |
|-----|-----|---------------------------------|-------------|
| 1 | 1 | Body F6B-9 1/1-CAM | 01-24713-1 |
| 2 | 1 | Endcover F5B/F6B-9 | 01-45312-1 |
| 3 | 1 | Impeller | 08-812B-1 |
| 4 | 1 | Gasket F5B/F6B-9 | 01-45315 |
| 5 | 1 | Carrier complete | 04-46408-01 |
| 5 | 1 | Carrier complete | 04-46408-02 |
| 6 | 1 | Lip seal 16x28x7 DPSM | 0.2233.001 |
| 7 | 2 | Ball bearing 6203 2 RS1 ST | 0.3431.742 |
| 8 | 1 | O-ring 15.3x2.4 | 0.2173.402 |
| 9 | 4 | Screw M5x8 DIN933 Slotted brass | 0.0141.502 |
| 10 | 1 | Washer F5B/F6B/F7B | 01-45680 |

Disassembly

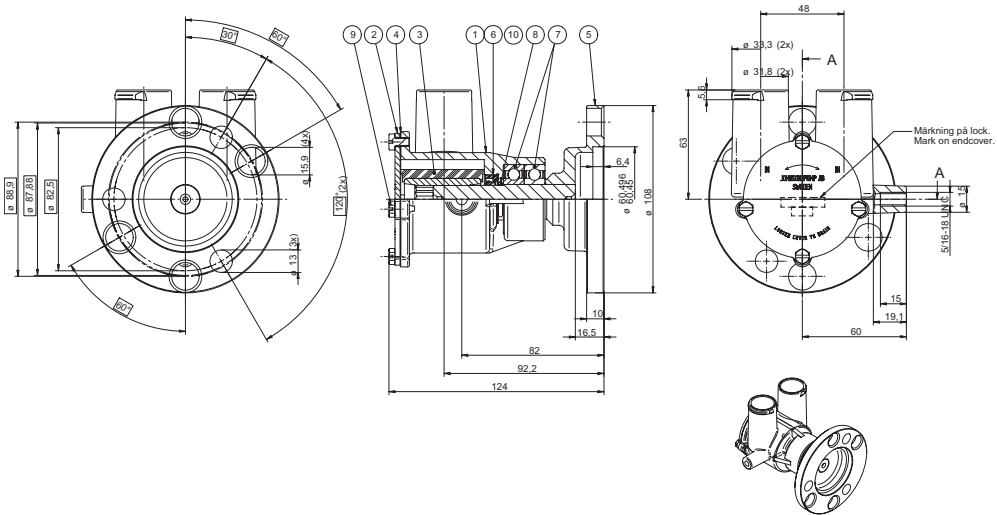
1. Remove the endcover and the gasket.
2. Pull out the impeller using two screw drivers or other suitable implements.
3. Remove the lip seal.
4. Remove the shaft with ball bearings by pressing on the shaft end from the impeller side.
5. Remove the ball bearings. Do not press the ball bearings over the sealing surface.
6. Remove the o-ring from the shaft.

Assembly

1. Mount the ball bearings on the shaft. Do not press the ball bearings over the sealing surface.
2. Mount the o-ring on the shaft.
3. Press the shaft with ball bearings into the body.
4. Mount the lip seal (spring towards the impeller).
5. Lubricate the impeller with JP Impeller Lubricant and fit it with a rotating movement in the intended direction of rotation.
6. Fit the gasket before mounting the endcover.

Waste handling material recycling

At the products end of life, please dispose of the product according to applicable law. Where applicable, please disassemble the product and recycle the parts material.





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