

PARTS AND MAINTENANCE

Spare parts guide

Pickup tubes, rotor assemblies, seals and bearings for EHIK pitot tube pumps.



Pickup tubes · Rotor assemblies · Seals · Bearings

Technical support

EHIK pitot tube pumps

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sales@ehikpump.com
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+86 159 9881 1069



ehikpumps.com
Scan or click to
visit our website

ORDERING

How to order

1 Pump model and serial number

From the nameplate.

2 Lubrication type

Oil-lubricated (Appendix A) or grease-lubricated (Appendix B).

3 Part name and item number

Use the item number from the sectional drawing.

4 Quantity

5 Liquid and duty

For a wear-resistant pickup tube, tell us about the liquid and the particles.



Wear-resistant pickup tubes.

Tell us the liquid and the particles, and we recommend the coating.

Pickup tubes and rotor assemblies are in stock and ship after payment. We send a drawing to confirm the right part.

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MAINTENANCE

Recommended spare parts

Before an overhaul, make sure spare parts are available for everything to be replaced.

PART	WHEN TO REPLACE
Mechanical seal	Replace when it leaks.
Rotary seal	Replace if damaged or worn.
Oil slinger ring (oil-lubricated pumps)	Recommended spare for oil-lubricated pumps.
Bearings	Replace whenever removed. Removed bearings must not be reused.
O-rings	Replace after every disassembly.
Lip seals	Replace if damaged or worn.
Pickup tube	Especially for liquids that carry gas or impurities.

Check gaskets, O-rings, lip seals and rotary seals, and replace any that are damaged or worn.

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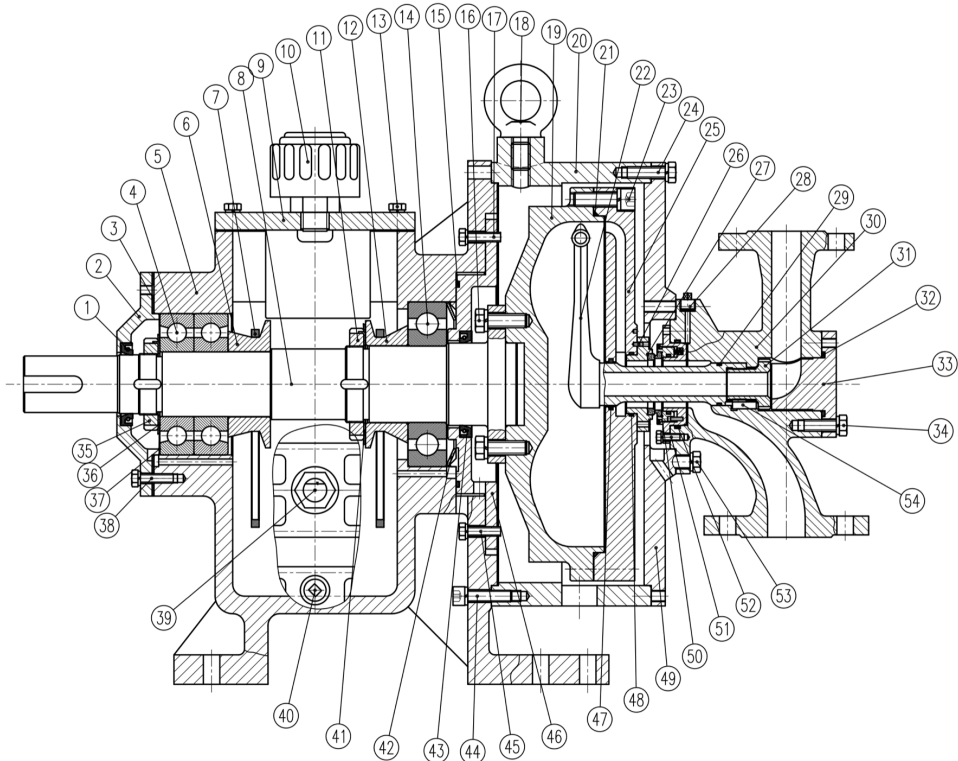


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SECTIONAL DRAWING

Oil-lubricated pump

Item numbers match the table below. When ordering parts, state the lubrication type and the item number.



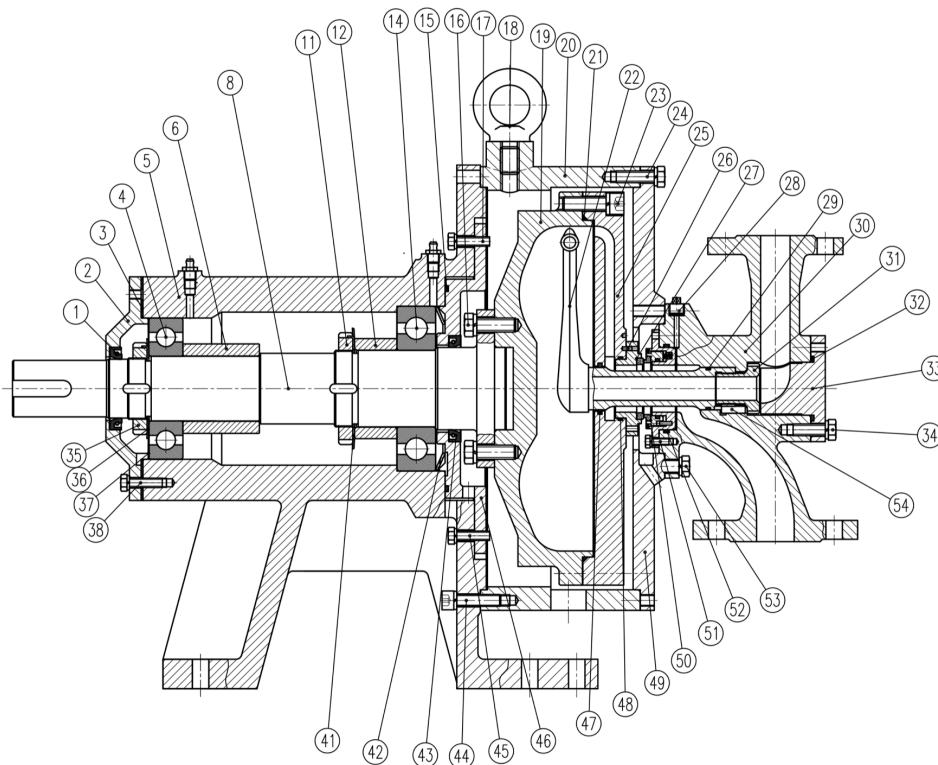
Appendix A · Oil-lubricated pump

Item	Part	Item	Part	Item	Part
1	Rear lip seal	19	Rotor disc	37	Copper adjusting shim
2	Rear bearing cover	20	Pump casing	38	Rear bearing cover bolt
3	Adjusting shim	21	Rotor sealing ring	39	Oil sight glass
4	Rear bearing	22	Pickup tube	40	Oil drain plug
5	Bearing housing	23	Rotor screw	41	Front lock washer
6	Rear oil-retaining ring	24	Pump cover bolt	42	Disc spring
7	Oil slinger ring	25	Rotor cover	43	Front lip seal
8	Pump shaft	26	Mechanical seal locating pin	44	Pump casing screw
9	Oil reservoir cover	27	Mechanical seal rotating ring	45	Front bearing cover bolt
10	Breather	28	Flush port plug	46	Front bearing cover
11	Front bearing locknut	29	Pickup tube seal	47	Rotary seal
12	Front oil-retaining ring	30	Suction/discharge manifold	48	Rotating ring sealing ring
13	Oil reservoir cover bolt	31	Pickup tube locknut	49	Pump cover
14	Front bearing	32	End cap sealing ring	50	Mechanical seal stationary ring
15	Bearing cover sealing ring	33	End cap	51	Mechanical seal screw
16	Main shaft bolt	34	End cap bolt	52	Stationary ring sealing ring
17	Front bearing cover bolt	35	Rear bearing locknut	53	Manifold bolt
18	Lifting eyebolt	36	Rear lock washer	54	Pickup tube key

SECTIONAL DRAWING

Grease-lubricated pump

Item numbers match the table below. When ordering parts, state the lubrication type and the item number.



Appendix B · Grease-lubricated pump

Item	Part	Item	Part	Item	Part
1	Rear lip seal	21	Rotor sealing ring	37	Copper adjusting shim
2	Rear bearing cover	22	Pickup tube	38	Rear bearing cover bolt
3	Adjusting shim	23	Rotor screw	41	Front lock washer
4	Rear bearing	24	Pump cover bolt	42	Disc spring
5	Bearing housing	25	Rotor cover	43	Front lip seal
6	Rear shaft sleeve	26	Mechanical seal locating pin	44	Pump casing screw
8	Pump shaft	27	Mechanical seal rotating ring	45	Front bearing cover bolt
11	Front bearing locknut	28	Flush port plug	46	Front bearing cover
12	Front shaft sleeve	29	Pickup tube seal	47	Rotary seal
14	Front bearing	30	Suction/discharge manifold	48	Rotating ring sealing ring
15	Bearing cover sealing ring	31	Pickup tube locknut	49	Pump cover
16	Main shaft bolt	32	End cap sealing ring	50	Mechanical seal stationary ring
17	Front bearing cover bolt	33	End cap	51	Mechanical seal screw
18	Lifting eyebolt	34	End cap bolt	52	Stationary ring sealing ring
19	Rotor disc	35	Rear bearing locknut	53	Manifold bolt
20	Pump casing	36	Rear lock washer	54	Pickup tube key

REPLACEMENT PARTS

Parts for Roto-Jet pumps



✓ **Replacement pickup tubes and rotor assemblies from stock**

✓ **No old pickup tube to return**

✓ **Wear-resistant coated pickup tubes**

In liquids with a high content of hard particles, ordinary pickup tubes may need replacement in 1–3 weeks; EHIK coated tubes can extend this to 2–3 months.

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