

Equivalent Non-OEM PC Pump Spare Parts Overview
Progressive Cavity Pump Pump Spare Parts

Subtor GmbH, Germany is a private owned company with factories in the south of Germany, in China and with sales centers in middle America and Asia. With over 20 years of experience, we manufacture **progressing cavity pumps**, using not only our own rubber formulations, we are designing and producing the rotor geometries with our own manufacturing know how. **Subtor Asia Pacific Pte Ltd**, based in Singapore is subsidiary of Subtor Group in South East Asia. Our Singapore operation is full service sales & marketing office with warehousing, after sales service and assembly services to meet the needs of our customers.

Key PC Pump Spare Parts

1. Rotors and Stators

Rotor: A helical metal screw (stainless steel, hardened steel, or coated).

Stator: An elastomer-lined sleeve (NBR, EPDM, FKM, or food-grade materials).

Applications: Sludge, adhesives, abrasive, or viscous fluids.

2. Universal Joints & Drive Shafts

Transmit torque while accommodating misalignment.

Available in stainless steel, tungsten carbide-coated, or other wear-resistant materials.

3. Mechanical Seals & Seal Kits

Single/Double Mechanical Seals: For leak-free operation in harsh conditions.

Lip Seals: For less demanding, low-pressure applications.

4. Inlet & Outlet Connections

Flanges, clamps, or threaded connections (DIN, ANSI, ISO standards).

Customizable for specific piping requirements.

5. Wear Plates & Liners

Protect pump housing from abrasion.

Materials: Ceramic, hardened steel, or polyurethane.

6. Gearboxes & Couplings

Ensure smooth power transmission.

Available for high-torque and high-speed applications.

7. Monitoring & Control Systems

Pressure sensors, temperature monitors, and smart controllers for predictive maintenance.

Why Subtor equivalent PC Spare Parts?

✓ Optimal Performance – Designed for exact pump models.

✓ Longer Service Life – High-quality materials reduce wear.

✓ Reduced Downtime – Reliable parts analysis failures.

✓ Warranty Protection

Industries Served

Wastewater & Sludge Handling
Food, Pharma & Cosmetics (FDA-compliant materials)
Chemical & Petrochemical (corrosion-resistant options)
Mining & Ceramics (abrasion-resistant designs)
Pulp & Paper

How To Select PC Pump Parts?

Progressive Cavity Pump Pump Spare Parts

Selecting the right NETZSCH pump parts requires careful consideration of your pump model, application, and the specific components needed. Here's a structured approach to ensure you choose the correct parts:

1. Identify Your Pump Model

Check the nameplate on the pump for the model and serial number

If the nameplate is missing, refer to:

Original documentation
Maintenance records

2. Determine the Part You Need

Common PC pump parts include:

Rotors & Stators (wear parts for progressing cavity pumps)
Stator Elastomers (NBR, EPDM, FKM/Viton, HNBR)
Mechanical Seals & Shaft Seals (single/double, cartridge seals)
Bearings & Bushings
Gearboxes & Drive Assemblies
Inlet & Outlet Connections (flanges, threaded, tri-clamp)
Monitoring & Control Systems (pressure sensors, temperature probes)

3. Consider Material Compatibility

Pumps handle various fluids, so material selection is critical:

Stator Elastomers:

NBR: Oil/fuel resistance

EPDM: Water/steam/chemical resistance

FKM (Viton): High temp/chemical resistance

Rotor Material: Stainless steel (1.4404/316), Duplex, S, Duplex, hardened steel, coated options

Seals & Gaskets: PTFE, Kalrez®, ceramic, tungsten carbide

4. Match Parts to Your Application

Flow Rate & Pressure: Affects rotor/stator sizing.

Fluid Type:

Abrasive slurries? → Hardened rotors & wear-resistant stators

Corrosive chemicals? → Chemically resistant elastomers (e.g., FKM)

Temperature Range: Some elastomers degrade at high temps (check specs).

5. Resources

Spare Parts List/Catalogs (downloadable PDFs for each pump series).

6. Consult us for Support

If unsure:

Contact our Technical Support (provide pump model, serial #, fluid details).

Reach out to us for part cross-referencing.

7. Ordering the Correct Part

Use the exact OEM part number (e.g., 123.456.789).

Verify dimensions (rotor diameter, stator bore, shaft size).

For older pumps, check if parts are still available or if upgrades exist.

Common Mistakes to Avoid

Assuming all rotors/stators are interchangeable (Netzsch has multiple series).

Overlooking elastomer compatibility with the pumped fluid.

Ignoring seal/bearing specifications for pressure/temperature conditions.

Need Help?

If you provide your NETZSCH pump model, application (fluid, temp, pressure), and the part needed, I can guide you further!

Would you like assistance finding a specific part number or know more information for Netzsch PC pump parts models?

Model Numbering System

PC Pump Spare Parts

Purchasing the right NETZSCH PC pump parts starts with knowing your exact model (e.g., NM090SY02S12B). Each digit specifies critical details, Please kindly see model No system as follow:

Example:

Series Code:	N M 0 9 0 S Y 0 2 S 1 2 B
Field	Description
Pump Model	015, 021, 031, 038, 045, 053, 063, 076, 090, 105, 125, 148
Drive Type	S – Standard bearing frame B – Direct drive
Inlet Type	Y – Standard flanged inlet F – With screw feeder O – Hopper type P – Crushing feeder T – Vertical
Number of Stages	01 – 1-stage 02 – 2-stage 03 – 3-stage 04 – 4-stage

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Field	Description
Cross-Section Geometry	S – 1/2 standard (round rotor) L – Long pitch (double flow rate)
Max. Working Pressure	Pressure ratings: 04, 08, 12, 18, 24 (bar)
Coupling Type	B – Pin coupling Z – Cross coupling K – Gear coupling

Key Notes:

All dimensions and specifications adhere to engineering standards.

For custom configurations, consult technical support with your application requirements.

To avoid mistakes in delivery, please identify the parts by their position number shown in the spare parts list or on the sectional drawing.

NM Series PC Pump Spare Parts - Model Comparison Netzsch PC Pump Spare Parts

The NM series offers multiple models: NM031 (0.1-2 m³/h), NM053 (1-10 m³/h), and NM090 (5-40 m³/h). Each features hardened steel rotors and elastomer stators for handling viscous/solid-laden media. Pressure ratings vary from 12-24 bar across models. NM076 excels in food applications, while NM090 suits heavy-duty industrial use. All models maintain NETZSCH's precision engineering for reliable performance in chemical, oil & gas, and wastewater treatment. Follow is a list of models that Subtor service with Stators, rotors and drive end parts for NM series:

Netzsch Pump Model	Series	Pressure and Joint	Stages
NM003	NM	11S	2
NM005	NM	06S	6
NM008	NM	03S	3
NM011	NM	02S	2
NM015	NM	01S	1
NM015	NM	02S	2
NM021	NM	01S	1
NM021	NM	02S	2
NM031	NM	01S	1
NM031	NM	02S	2

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NM038	NM	01S	1
NM038	NM	02S	2
NM045	NM	01S	1
NM045	NM	02S	2
NM045	NM	03S	3
NM045	NM	04S	4
NM053	NM	01S	1
NM053	NM	02S	2
NM053	NM	04S	4
NM063	NM	01S	1
NM063	NM	02S	2
NM063	NM	04S	4
NM076	NM	01S	1
NM076	NM	02S	2
NM090	NM	01S	1
NM090	NM	02S	2
NM090	NM	03S	3
NM105	NM	01S	1
NM105	NM	02S	2
NM125	NM	01S	1
NM045	NM	01S	1
NM063	NM	01S	1
NM063	NM	02S	2
NM076	NM	01S	1
NM076	NM	02S	2
NM090	NM	01S	1
NM090	NM	02S/03S/04S	2

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NM105	NM	01S	1
NM105	NM	02S	2
NM105	NM	04S	4
NM125	NM	01S	1
NM125	NM	02S	2
NM015	NM	01L	1
NM021	NM	01L	1
NM031	NM	01L	1
NM038	NM	01L	1
NM045	NM	01L	1
NM053	NM	01L	1
NM063	NM	01L	1
NM076	NM	01L	1
NM090	NM	01L	1
NM105	NM	01L	1
NM125	NM	01L	1

PC Pump Spare Parts Drawing Parts No Progressing Cavity Pumps

The PC pump parts Pos. No. is a unique identifier for genuine spare parts, ensuring compatibility and performance. Always verify this number when ordering replacements to avoid errors. It specifies material, dimensions, and technical details, critical for pumps and grinding systems. Cross-check with manuals or our support for accuracy. Using correct Pos. No. guarantees optimal equipment lifespan and reduces downtime.

Subtor PC Pump Parts Purchase FAQs Professional Manufacturer is over 15 years

Here's a comprehensive list of potential questions and answers for customers inquiring about (compatible/aftermarket) PC Pump parts, along with professional responses to address concerns about quality, pricing, and performance:

1. Definition & Quality

Q: Are your equivalent PC Pump parts identical to OEM?

A: Our aftermarket parts are high-precision engineered replacements designed to match OEM specifications for fit and function.

Q: How do you ensure the quality of non-OEM parts?

A: We are Sourced from ISO-certified manufacturers.
Test critical dimensions and materials (e.g., rotor-stator tolerances)
Provide sample testing reports upon request.

2. Pricing & Cost Savings

Q: What's the price difference compared to genuine NETZSCH parts?

A: Aftermarket parts typically cost 20–40% less than OEM, offering significant savings for non-critical applications or budget-conscious projects.

Q: Do you offer bulk discounts for compatible parts?

A: Yes, we provide scalable discounts for large orders. Contact us for a non-obligated pricing quote.

3. Compatibility & Performance

Q: Will aftermarket parts void my pump's warranty?

A: Our parts are designed to meet OEM specs but are not OEM-certified, ensure complete compatibility

Q: How do I confirm compatibility with my PC pump model?

A: Provide your pump's model number, serial number, or OEM part number, and our team will cross-reference it with our aftermarket database.

4. Durability & Lifespan

Q: What's the expected lifespan of non-genuine parts vs. OEM?

A: Lifespan depends on operating conditions (e.g., fluid abrasiveness, temperature). Our aftermarket parts typically achieve 70–90% of OEM lifespan in standard applications but may vary in extreme environments.

Q: Are materials identical to OEM (e.g., stator elastomers)?

A: We use equivalent-grade materials (e.g., NBR, Viton) but may not replicate proprietary NETZSCH formulations. Specify your fluid/operating conditions for tailored recommendations.

5. Lead Time & Availability

Q: Are aftermarket parts faster to ship than OEM?

A: Yes! We stock most common replacements for same-day shipment, whereas OEM parts may have longer lead times.

6. Technical Support & Documentation

Q: Do you provide installation instructions or CAD drawings?

A: Yes, we offer technical datasheets, 2D drawings, and step-by-step guides for our compatible parts.

7. Certifications & Compliance

Q: Are your aftermarket parts certified (e.g., ISO, FDA)?

A: Select parts meet ISO 9001 and industry-specific standards (e.g., FDA-compliant materials available on request). Ask for documentation.

Q: Can you provide material test reports (MTRs)?

A: MTRs are available for critical components (e.g., metallurgical tests for shafts, charges applied).

8. Customization Options

Q: Can you modify aftermarket parts (e.g., hardness, coatings)?

A: Yes! We offer:

Custom elastomers (e.g., high-abrasion stators)

Coatings (e.g., tungsten carbide for shafts)

Dimensional adjustments (provide drawings).

9. After-Sales Support

Q: What warranty do you offer on aftermarket parts?

A: We provide a 6-month warranty against manufacturing defects (excludes wear-and-tear).

We manufacture 100% OEM-compatible NETZSCH PC pump parts (rotors, stators, seals) with precision machining, premium materials, and cost savings. Contact us today for quotes!

