# Aftermarket Parts for Supported NE20 Pumps

Use this reference to identify the pump arrangement and drawing positions before requesting ACCA replacement components.

### MODEL IDENTIFICATION

## Example: 2NE20A

2 = stages | NE = family | 20 = size | A = construction suffix

### SUPPORTED STAGE CONFIGURATIONS

## 1, 2, 4, 6, 8, 10, 12

### FULL CROSS-SECTION

Pump, housing and bearing references

### PIN JOINT

Pins, sleeves, rings and seals

### GEAR JOINT

Complete joint and service references

### PACKING GLAND

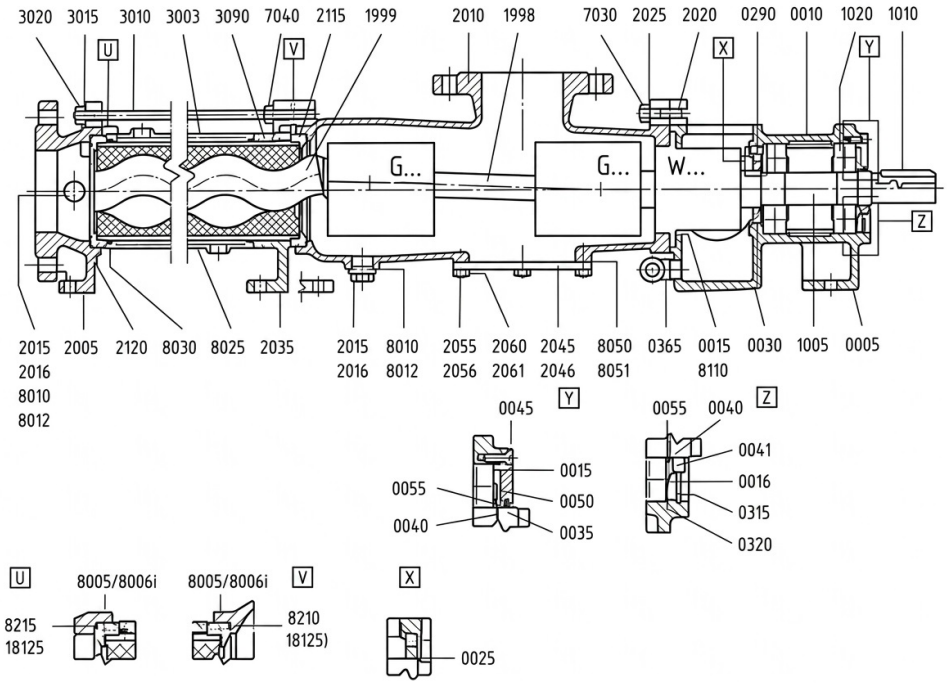
Packing, follower and flush parts

**Send the complete model, nameplate photo, joint photos, required component and operating conditions.**

ACCA does not cross-reference commission numbers. Selection is based on verified pump construction and dimensions.

# NE Pump Cross-Section and Position Table

Position numbers identify drawing locations, not OEM ordering numbers. Confirm construction variants against the pump-specific bill of materials.




## PARTS POSITION REFERENCE

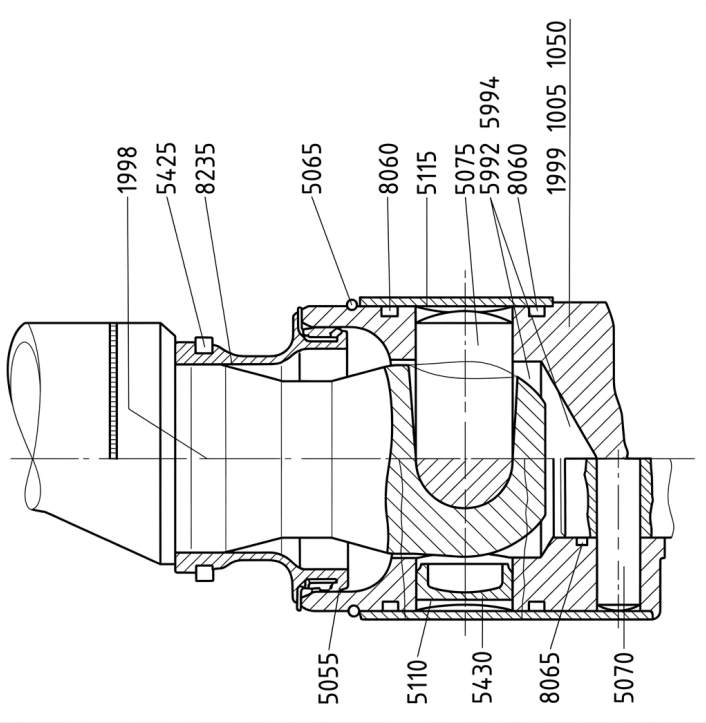
| POS | DESCRIPTION |
|---|---|
| 0005 | Bearing housing |
| 0010 | Distance sleeve |
| 0015/0016 | Bearing cover - construction variant |
| 0025 | Bearing retainer - verify construction |
| 0030 | Radial shaft seal |
| 0035 | Snap ring |
| 0040/0041 | Radial shaft seal - construction variant |
| 0045 | Cylindrical head screw |
| 0050 | Grease retaining ring |
| 0055 | Support disc / spacer |
| 0290 | Shaft sealing unit |
| 0315/0320 | Retaining-ring construction variant |
| 0365 | Drain / vent connection |
| 1005 | Drive shaft |
| 1010 | Key |

| POS | DESCRIPTION |
|---|---|
| 1020 | Bearing |
| 1998 | Connecting rod |
| 1999 | Rotor |
| 2005 | Discharge housing |
| 2010 | Suction / pump housing |
| 2015/2016 | Screw plug - construction variant |
| 2020 | Hex screw |
| 2025 | Washer |
| 2035 | Support foot |
| 2045/2046 | Housing fastener - variant |
| 2055/2056 | Housing fastener - variant |
| 2060/2061 | Housing fastener - variant |
| 2115 | Connecting-rod guard / sleeve |
| 2120 | Housing gasket / seal |
| 3003 | Stator sleeve / jacket |

| POS | DESCRIPTION |
|---|---|
| 3010 | Through-bolt |
| 3015 | Washer |
| 3020 | Hex nut |
| 3090 | Stator clamping component |
| 7030 | Gland bolt / stud |
| 7040 | Packing ring |
| 8010/8012 | Sealing ring - variant |
| 8025 | O-ring |
| 8030 | O-ring for jacketed stator |
| 8050/8051 | Joint O-ring - variant |
| 8110 | Gasket / sealing ring |
| 8210/8215 | Mechanical-seal component - variant |
| 8005/8006i | Flat gasket / O-ring variant |
| 18125 | Mechanical-seal component - verify |

# NE Pin Joint Parts

Position numbers identify drawing locations, not OEM ordering numbers. Confirm construction variants against the pump-specific bill of materials.



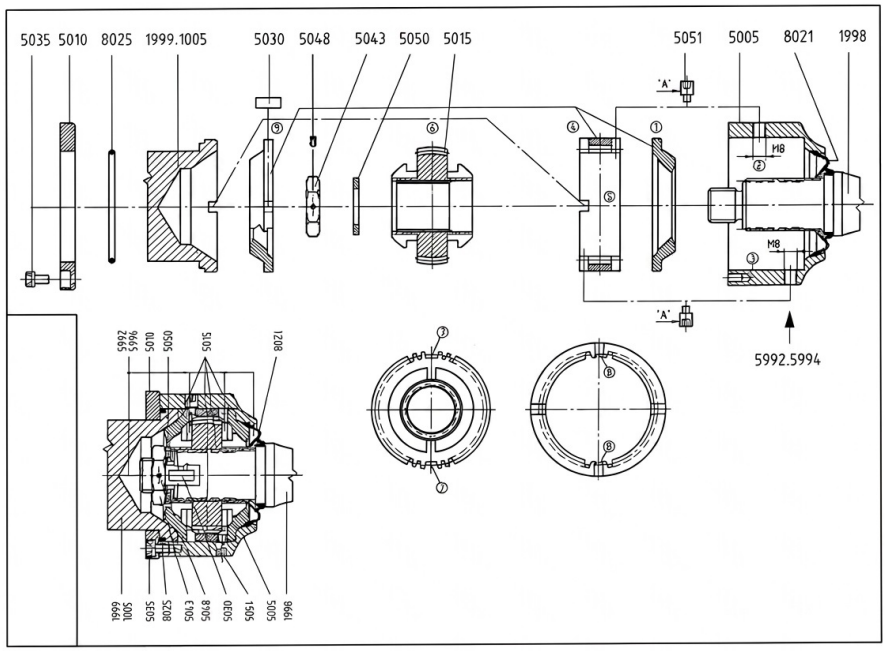

## PARTS POSITION REFERENCE

| POS | DESCRIPTION |
|---|---|
| 1998 | Connecting rod |
| 5425 | Clamp ring |
| 8235 | SM pin-joint seal |
| 5065 | Snap ring |
| 8060 | O-ring |
| 5115 | Sleeve |
| 5075 | Pin |

| POS | DESCRIPTION |
|---|---|
| 5992/5994 | Joint-head construction variant |
| 1005/1050 | Drive shaft / connecting shaft |
| 1999 | Rotor |
| 5055 | Joint-head component - verify |
| 5110 | Support ring |
| 5430 | Retaining ring |
| 5070 | Pin-joint component - verify |

# NE Single-Sealed Gear Joint Parts

Position numbers identify drawing locations, not OEM ordering numbers. Confirm construction variants against the pump-specific bill of materials.



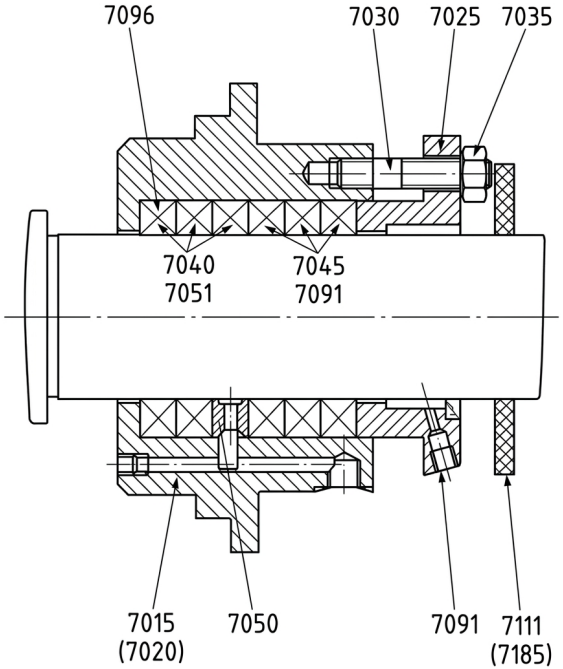

## PARTS POSITION REFERENCE

| POS | DESCRIPTION |
|---|---|
| **5035** | Cylindrical head screw |
| **5010** | Gear-joint retaining component |
| **8025** | O-ring |
| **1999/1005** | Rotor / drive-shaft end |
| **5030** | Key |
| **5048** | Set screw |
| **5043** | Hex nut |

| POS | DESCRIPTION |
|---|---|
| **5050** | Washer |
| **5015** | Complete gear joint |
| **5051** | Drain plug |
| **5005** | Joint shell |
| **8021** | SM seal |
| **1998** | Connecting rod |
| **5992/5994** | Gear-joint construction variant |

# NE Packing Gland and Seal Housing Parts

Position numbers identify drawing locations, not OEM ordering numbers. Confirm construction variants against the pump-specific bill of materials.



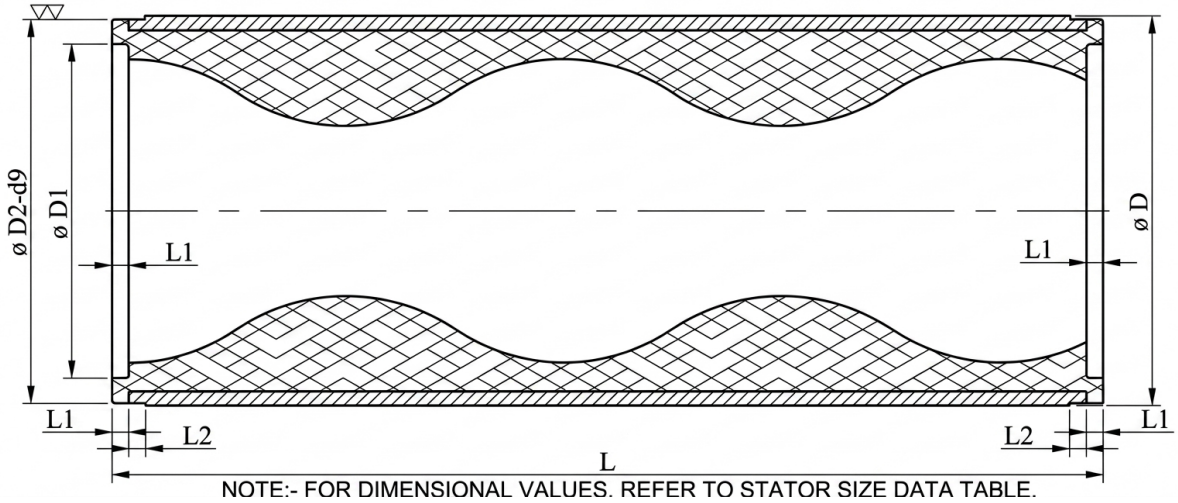

## PARTS POSITION REFERENCE

| POS | DESCRIPTION |
|---|---|
| **7015/7020** | Stuffing-box housing - variant |
| **7025** | Gland follower |
| **7030** | Gland bolt / stud |
| **7035** | Hex nut |
| **7040** | Packing rings |
| **7045** | Packing spacer ring |

| POS | DESCRIPTION |
|---|---|
| **7050** | Throttle / support ring |
| **7051** | Lantern ring |
| **7091** | Flush / lubrication connection |
| **7096** | Stuffing-box bushing |
| **7111/7185** | Thrower - construction variant |

# NE20 Bonded Stator Reference

Verify the existing stator, end construction, elastomer, geometry and operating conditions.




Reference illustration only. Internal cavity geometry is schematic and not a manufacturing-certified profile.

## NE20 STATOR SIZE DATA - MILLIMETERS

| D | D1 | D2 | L1 | L2 | 1-stage L | 2-stage L | 4-stage L |
|---|---|---|---|---|---|---|---|
| 50 | 40 | 49 | 5 | 5 | 110 | 210 | 410 |

Values transcribed from the retained NE bonded-stator dimension sheet.

## REQUEST PART IDENTIFICATION

Send model, stage count, suffix, joint arrangement, photos, dimensions and operating conditions.

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