

## 6. Booster modules

### BM, BMB 4"

#### BM (model D), BMB (model A) 50/60 Hz

##### Cable entry

| Description | BM 4" with MS4000        | BMB 4" with MS4000       |
|-------------|--------------------------|--------------------------|
| Kit No      | <a href="#">96871602</a> | <a href="#">96871605</a> |
| Cable entry | 1                        | 1                        |

##### Wear parts

| Pos. | Pump type           | BM, BMB 3A N / BM, BMB 5A N |                        |                        |                        |                        |                        |
|------|---------------------|-----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
|      | Pump stages         | 11-15                       | 16-24                  | 25-30                  | 31-39                  | 40-48                  | 49-60                  |
|      | Description/ Kit No | <a href="#">055504</a>      | <a href="#">105546</a> | <a href="#">105547</a> | <a href="#">105059</a> | <a href="#">095059</a> | <a href="#">095060</a> |
| 6    | Upper bearing       | 1                           | 1                      | 1                      | 1                      | 1                      | 1                      |
| 7    | Neck ring           | 15                          | 24                     | 30                     | 39                     | 48                     | 60                     |
| 85   | Stop ring           | 2                           | 3                      | 3                      | 3                      | 3                      | 3                      |

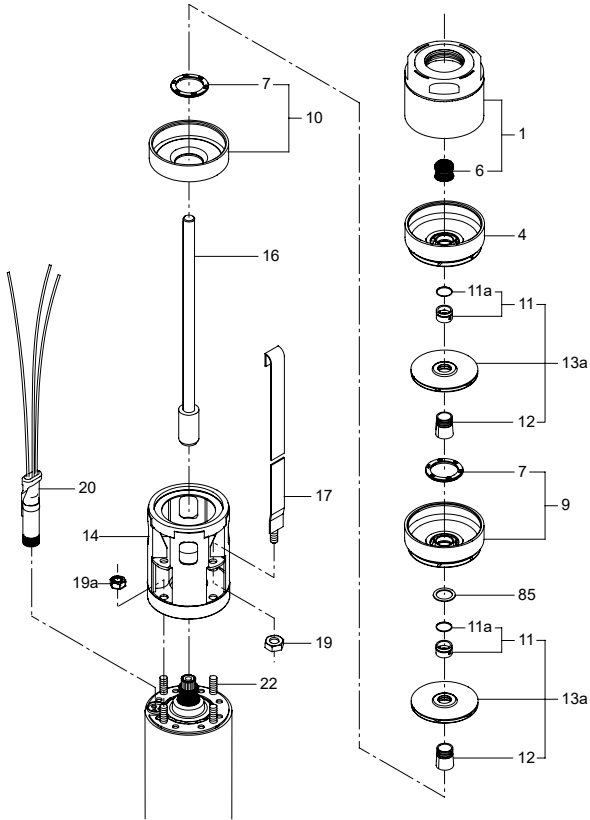
| Pos. | Pump type          | BM, BMB 3A NE / BM, BMB 5A NE |                          |                          |                          |                          |
|------|--------------------|-------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|      | Pump stages        | -12                           | -25                      | -33                      | -45                      | -60                      |
|      | Description/Kit No | <a href="#">96440231</a>      | <a href="#">96440230</a> | <a href="#">96440229</a> | <a href="#">96440228</a> | <a href="#">96440227</a> |
| 6    | Upper bearing      | 1                             | 1                        | 1                        | 1                        | 1                        |
| 7    | Neck ring          | 12                            | 25                       | 33                       | 45                       | 60                       |
| 85   | Stop ring          | 2                             | 3                        | 3                        | 3                        | 3                        |

| Pos. | Pump type           | BM, BMB 3A R, BM, BMB 5A R |                        |                        |                        |                        |                        |                        |                        |
|------|---------------------|----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
|      | Number of stages    | -5                         | 6-10                   | 11-15                  | 16-24                  | 25-30                  | 31-39                  | 40-48                  | 49-60                  |
|      | Description/ Kit No | <a href="#">105969</a>     | <a href="#">105970</a> | <a href="#">105971</a> | <a href="#">105972</a> | <a href="#">105973</a> | <a href="#">105974</a> | <a href="#">105975</a> | <a href="#">105976</a> |
| 6    | Upper bearing       | 1                          | 1                      | 1                      | 1                      | 1                      | 1                      | 1                      | 1                      |
| 7    | Neck ring           | 5                          | 10                     | 15                     | 24                     | 30                     | 39                     | 48                     | 60                     |
| 85   | Stop ring           | 1                          | 2                      | 2                      | 3                      | 3                      | 3                      | 3                      | 3                      |

| Pos. | Pump type          | BM, BMB 8A R             |                          |                          |                          |  |
|------|--------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|
|      | Number of stages   | 5-10                     | 12-18                    | 21-25                    | 28-37                    |  |
|      | Description/Kit No | <a href="#">96428935</a> | <a href="#">96428936</a> | <a href="#">96428937</a> | <a href="#">96428938</a> |  |
| 6    | Upper bearing      | 1                        | 1                        | 1                        | 1                        |  |
| 7    | Neck ring          | 10                       | 18                       | 25                       | 37                       |  |
| 8    | Bearing            | 9                        | 17                       | 24                       | 36                       |  |

| Pos. | Pump type          | BM, BMB 8A N             |                          |                          |                          | BM, BMB 8A NE            |                          |                          |                          |
|------|--------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|      | Pump stages        | -10                      | -18                      | -25                      | -37                      | -10                      | -18                      | -25                      | -37                      |
|      | Description/Kit No | <a href="#">96428935</a> | <a href="#">96428936</a> | <a href="#">96428937</a> | <a href="#">96428938</a> | <a href="#">96428939</a> | <a href="#">96428940</a> | <a href="#">96428941</a> | <a href="#">96441561</a> |
| 6    | Upper bearing      | 1                        | 1                        | 1                        | 1                        | 1                        | 1                        | 1                        | 1                        |
| 7    | Neck ring          | 10                       | 18                       | 25                       | 37                       | 10                       | 18                       | 25                       | 37                       |
| 8    | Bearing            | 9                        | 17                       | 24                       | 36                       | 9                        | 17                       | 24                       | 36                       |

BM, BMB 4"



TM032102

**BM, BMB 6", 8"****BM (models C and D), BMB (model A) 50/60 Hz****Cable entry**

| Description | BM 6" - MS 4000 | BMB 6" - MS 4000 | BM 6" - MS 6000 | BMB 6" - MS 6000 | BM 8" - MS 6000 | BMB 8" - MS 6000 |
|-------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
| Kit No      | 96871603        | 96871606         | 96871604        | 96871607         | 96871604        | 96871607         |
| Cable entry | 1               | 1                | 1               | 1                | 1               | 1                |

**Wear parts**

| Pump type |                    | BM, BMB 17 (6") |          |          |          |          |          |          |          |
|-----------|--------------------|-----------------|----------|----------|----------|----------|----------|----------|----------|
| Pos.      | Version            | S, NS, R        |          |          |          | NES      |          |          |          |
|           | Pump stages        | -5              | -16      | -24      | -40      | -5       | -16      | -26      | -40      |
|           | Description/Kit No | 96421723        | 96421724 | 96421725 | 96440238 | 96440235 | 96440233 | 96440237 | 96440239 |
|           | 7                  | Neck ring       | 5        | 16       | 26       | 40       | 5        | 16       | 26       |
| 8         | Bearing            | 5               | 16       | 26       | 40       | 5        | 16       | 26       | 40       |
| 8a        | Spacing washer     | 1               | 1        | 1        | 1        | 1        | 1        | 1        | 1        |
| 72        | Wear ring          | 5               | 16       | 26       | 40       | 5        | 16       | 26       | 40       |

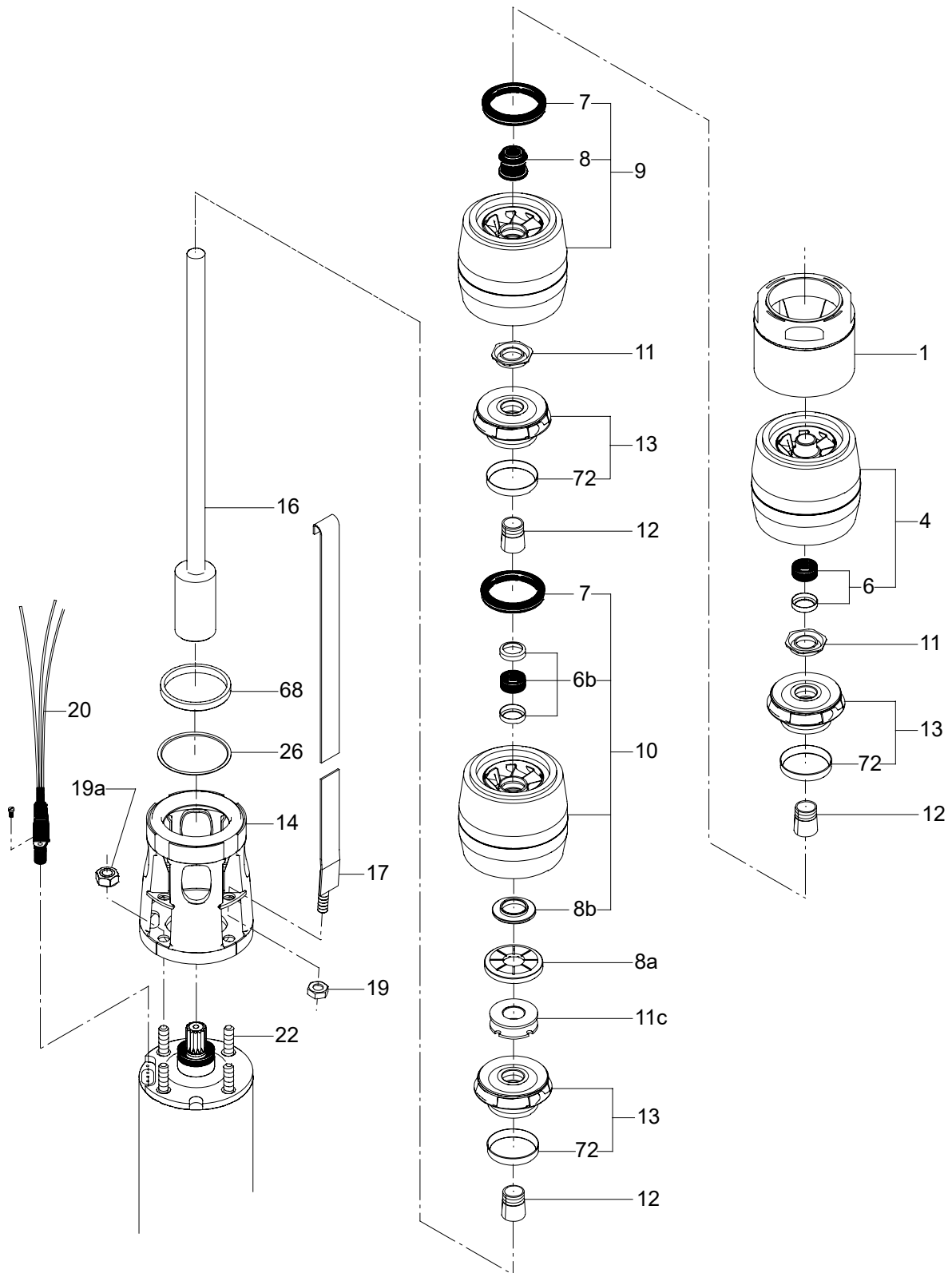
| Pump type |                    | BM, BMB 30    |          |          |          |          |          |          |          |
|-----------|--------------------|---------------|----------|----------|----------|----------|----------|----------|----------|
| Pos.      | Version            | S, NS, R      |          |          |          | NES      |          |          |          |
|           | Pump stages        | -5            | -16      | -27      | -35      | -5       | -16      | -27      | -35      |
|           | Description/Kit No | 96421732      | 96421733 | 96421734 | 96440246 | 96440241 | 96440243 | 96440245 | 96440247 |
|           | 6                  | Upper bearing | 1        | 1        | 1        | 1        | 1        | 1        | 1        |
| 6b        | Lower bearing      | 1             | 1        | 1        | 1        | 1        | 1        | 1        | 1        |
| 7         | Neck ring          | 5             | 16       | 27       | 35       | 5        | 16       | 27       | 35       |
| 8         | Bearing            | 3             | 14       | 25       | 33       | 3        | 14       | 25       | 33       |
| 8a        | Spacing washer     | 1             | 1        | 1        | 1        | 1        | 1        | 1        | 1        |
| 8b        | Stop ring          | 1             | 1        | 1        | 1        | 1        | 1        | 1        | 1        |
| 25        | Neck ring retainer | 1             | 1        | 1        | 1        | 1        | 1        | 1        | 1        |
| 72        | Wear ring          | 5             | 16       | 27       | 35       | 5        | 16       | 27       | 35       |

| Pump type |                     | BM, BMB 46    |          |          |          |          |          |          |          |
|-----------|---------------------|---------------|----------|----------|----------|----------|----------|----------|----------|
| Pos.      | Version             | S, NS, R      |          |          |          | NES      |          |          |          |
|           | Pump stages         | -6            | -10      | -16      | -24      | -6       | -10      | -16      | -24      |
|           | Description/ Kit No | 96440248      | 96440250 | 96440252 | 96440254 | 96440249 | 96440251 | 96440253 | 96440255 |
|           | 6                   | Upper bearing | 1        | 1        | 1        | 1        | 1        | 1        | 1        |
| 6b        | Lower bearing       | 1             | 1        | 1        | 1        | 1        | 1        | 1        | 1        |
| 7         | Neck ring           | 5             | 9        | 15       | 23       | 5        | 9        | 15       | 23       |
| 8         | Bearing             | 4             | 8        | 14       | 22       | 4        | 8        | 14       | 22       |
| 8a        | Spacing washer      | 1             | 1        | 1        | 1        | 1        | 1        | 1        | 1        |
| 8b        | Stop ring           | 1             | 1        | 1        | 1        | 1        | 1        | 1        | 1        |
| 11c       | Nut for stop ring   | 1             | 1        | 1        | 1        | 1        | 1        | 1        | 1        |
| 68        | Lower neck ring     | 1             | 1        | 1        | 1        | 1        | 1        | 1        | 1        |
| 72        | Wear ring           | 6             | 10       | 16       | 24       | 6        | 10       | 16       | 24       |

| Pump type |                    | BM, BMB 60    |          |          |          |          |          |          |          |
|-----------|--------------------|---------------|----------|----------|----------|----------|----------|----------|----------|
| Pos.      | version            | S, NS, R      |          |          |          | NES      |          |          |          |
|           | Pump stages        | -6            | -10      | -16      | -22      | -6       | -10      | -16      | -22      |
|           | Description/Kit No | 96440369      | 96440371 | 96440373 | 96440375 | 96440370 | 96440372 | 96440374 | 96440376 |
|           | 6                  | Upper bearing | 1        | 1        | 1        | 1        | 1        | 1        | 1        |
| 6b        | Lower bearing      | 1             | 1        | 1        | 1        | 1        | 1        | 1        | 1        |
| 7         | Neck ring          | 5             | 9        | 15       | 21       | 5        | 9        | 15       | 21       |
| 8         | Bearing            | 4             | 8        | 14       | 20       | 4        | 8        | 14       | 20       |
| 8a        | Spacing washer     | 1             | 1        | 1        | 1        | 1        | 1        | 1        | 1        |
| 8b        | Stop ring          | 1             | 1        | 1        | 1        | 1        | 1        | 1        | 1        |

| Pos. | Pump type          | BM, BMB 60 |          |          |          |          |          |          |          |
|------|--------------------|------------|----------|----------|----------|----------|----------|----------|----------|
|      | version            | S, NS, R   |          |          |          | NES      |          |          |          |
|      | Pump stages        | -6         | -10      | -16      | -22      | -6       | -10      | -16      | -22      |
|      | Description/Kit No | 96440369   | 96440371 | 96440373 | 96440375 | 96440370 | 96440372 | 96440374 | 96440376 |
| 11c  | Nut for stop ring  | 1          | 1        | 1        | 1        | 1        | 1        | 1        | 1        |
| 68   | Lower neck ring    | 1          | 1        | 1        | 1        | 1        | 1        | 1        | 1        |
| 72   | Wear ring          | 6          | 10       | 16       | 22       | 6        | 10       | 16       | 22       |

BM, BMB 6"



TM014194

| Pump type |                      | BM, BMB 77 (8") |          |          |          |          |          |
|-----------|----------------------|-----------------|----------|----------|----------|----------|----------|
| Pos.      | Version              | S, NS, R        |          |          | NES      |          |          |
|           | Pump stages          | -8              | 9-14     | 15-20    | -8       | 9-14     | 15-20    |
|           | Description/ Kit No  | 96440256        | 96440258 | 96440260 | 96440257 | 96440259 | 96440261 |
| 1d        | O-ring               | 1               | 1        | 1        | 1        | 1        | 1        |
| 6b        | Lower bearing        | 1               | 1        | 1        | 1        | 1        | 1        |
| 7         | Neck ring            | 8               | 14       | 20       | 8        | 14       | 20       |
| 8         | Bearing              | 4               | 5        | 8        | 4        | 5        | 8        |
| 8a        | Washer for stop ring | 1               | 1        | 1        | 1        | 1        | 1        |
| 8b        | Stop ring            | 1               | 1        | 1        | 1        | 1        | 1        |
| 11c       | Nut for stop ring    | 1               | 1        | 1        | 1        | 1        | 1        |
| 72        | Wear ring            | 8               | 14       | 20       | 8        | 14       | 20       |

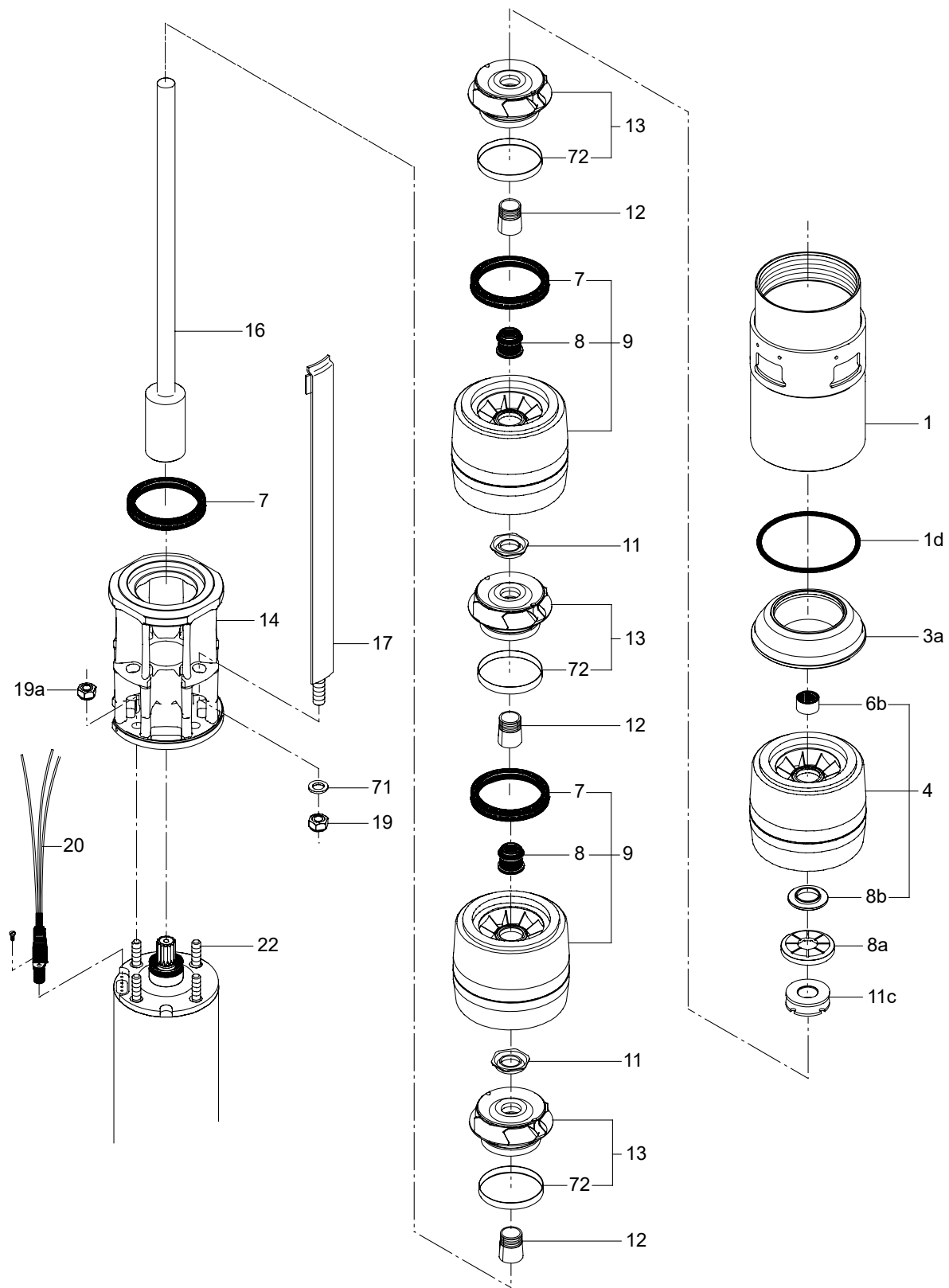
| Pump type |                      | BM, BMB 95 (8") |          |          |          |          |          |
|-----------|----------------------|-----------------|----------|----------|----------|----------|----------|
| Pos.      | Version              | S, NS, R        |          |          | NES      |          |          |
|           | Pump stages          | -8              | 9-14     | 15-20    | -8       | 9-14     | 15-20    |
|           | Description/ Kit No  | 96440715        | 96440716 | 96440717 | 96440718 | 96440719 | 96440720 |
| 1d        | O-ring               | 1               | 1        | 1        | 1        | 1        | 1        |
| 6b        | Lower bearing        | 1               | 1        | 1        | 1        | 1        | 1        |
| 7         | Neck ring            | 8               | 14       | 20       | 8        | 14       | 20       |
| 8         | Bearing              | 4               | 5        | 8        | 4        | 5        | 8        |
| 8a        | Washer for stop ring | 1               | 1        | 1        | 1        | 1        | 1        |
| 8b        | Stop ring            | 1               | 1        | 1        | 1        | 1        | 1        |
| 11c       | Nut for stop ring    | 1               | 1        | 1        | 1        | 1        | 1        |
| 72        | Wear ring            | 8               | 14       | 20       | 8        | 14       | 20       |

| Pump type |                    | BM, BMB 125 (8") |          |          |          |          |          |
|-----------|--------------------|------------------|----------|----------|----------|----------|----------|
| Pos.      | Version            | S, NS, R         |          |          | NES      |          |          |
|           | Pump stages        | -4               | 5-6      | 7-9      | -4       | 5-6      | 7-9      |
|           | Description/Kit No | 96440262         | 96440264 | 96440266 | 96440263 | 96440265 | 96440267 |
| 1d        | O-ring             | 1                | 1        | 1        | 1        | 1        | 1        |
| 5         | Stop disc          | 1                | 1        | 1        | 1        | 1        | 1        |
| 6         | Upper bearing      | 1                | 1        | 1        | 1        | 1        | 1        |
| 7         | Neck ring          | 4                | 6        | 9        | 4        | 6        | 9        |
| 8         | Bearing            | 3                | 5        | 8        | 3        | 5        | 8        |
| 72        | Wear ring          | 4                | 6        | 9        | 4        | 6        | 9        |

| Pump type |                     | BM 160 (8") |        |          |          |
|-----------|---------------------|-------------|--------|----------|----------|
| Pos.      | Version             | S, NS, R    |        | NES      |          |
|           | Pump stages         | -5          | 6-9    | -5       | 6-9      |
|           | Description/ Kit No | 205117      | 205118 | 97891543 | 97891544 |
| 1d        | O-ring              | 1           | 1      | 1        | 1        |
| 5         | Stop disc           | 1           | 1      | 1        | 1        |
| 6         | Upper bearing       | 1           | 1      | 1        | 1        |
| 7         | Neck ring           | 5           | 9      | 5        | 9        |
| 8         | Bearing             | 4           | 8      | 4        | 8        |
| 72        | Wear ring           | 5           | 9      | 5        | 9        |

| Pump type |                     | BM 215 (8")   |               |               |                 |                 |                 |
|-----------|---------------------|---------------|---------------|---------------|-----------------|-----------------|-----------------|
| Pos.      | Version             | S, NS, R      |               |               | NES             |                 |                 |
|           | Pump stages         | -2            | 3-4           | 5-7           | -2              | 3-4             | 5-7             |
|           | Description/ Kit No | <i>185033</i> | <i>185034</i> | <i>185035</i> | <i>97891545</i> | <i>97891546</i> | <i>97891547</i> |
| 1d        | O-ring              | 1             | 1             | 1             | 1               | 1               | 1               |
| 5         | Stop disc           | 1             | 1             | 1             | 1               | 1               | 1               |
| 6         | Upper bearing       | 1             | 1             | 1             | 1               | 1               | 1               |
| 7         | Neck ring           | 2             | 4             | 7             | 2               | 4               | 7               |
| 8         | Bearing             | 1             | 3             | 6             | 1               | 3               | 6               |
| 72        | Wear ring           | 2             | 4             | 7             | 2               | 4               | 7               |

BM, BMB 8"



TM013451



**BME, BMET, BMEX****50/60 Hz****Grease**

| Description                                     | Motor   | Kit No                   |
|---|---------|--------------------------|
| Grease Unirex 2N, 400 g cartridge               | ABB     | <a href="#">96616737</a> |
| Grease Klüberquiet BQ 72-72,<br>400 g cartridge | VEM     | <a href="#">96616736</a> |
| Grease Unirex N3                                | Siemens | <a href="#">96741461</a> |

**Pulley head complete**

| Description | Kit No                   |
|-------------|--------------------------|
| 7 grooves   | <a href="#">96693978</a> |
| 9 grooves   | <a href="#">96693979</a> |

**Pulley head turbine, complete (BMET only)**

| Description                  | Quantity | Kit No                   |
|------------------------------|----------|--------------------------|
| Pulley head turbine complete | 1        | <a href="#">96863885</a> |

**Seal kit**

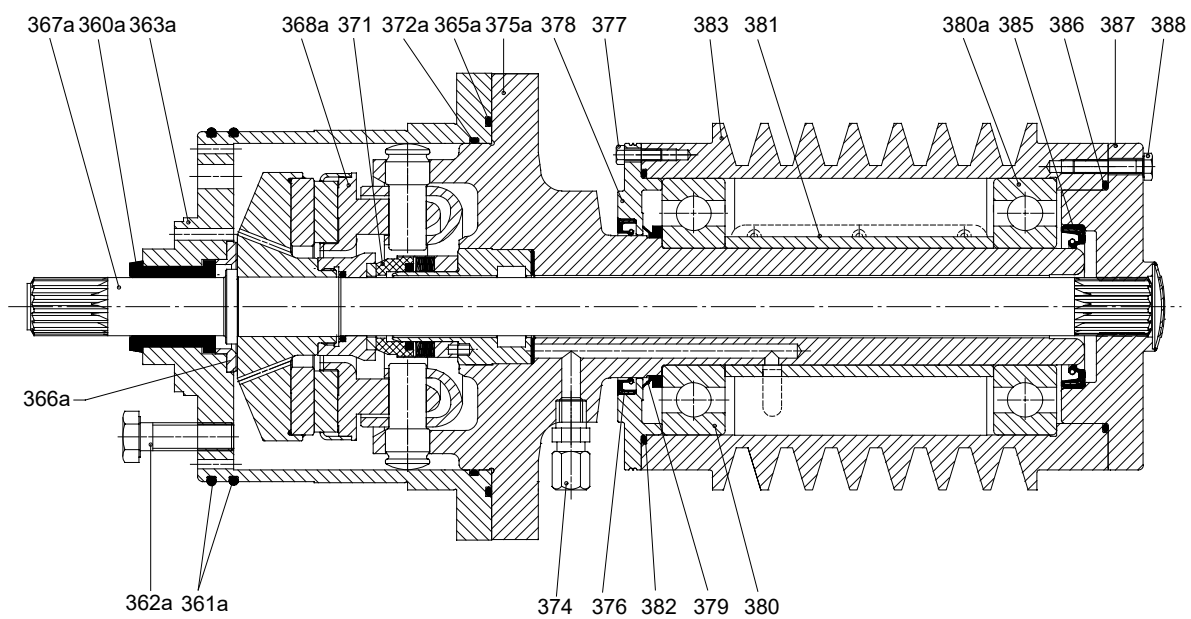
| Pos.             | Description/Kit No | BME                    | BMET                   |
|------------------|--------------------|------------------------|------------------------|
|                  |                    | <a href="#">145177</a> | <a href="#">145178</a> |
| 360a             | Bearing            | 1                      | 3                      |
| 361a             | O-ring             | 144.5 x 3              | 2                      |
| 365a             |                    | 154.5 x 3              | 1                      |
| 366a             | Axial bearing      | 1                      | 1                      |
| 372a             | O-ring             | 139.5 x 3              | 1                      |
| 376              | Seal ring          | 75 x 61 x 8            | 1                      |
| 379              | V-ring FKM 60 A    | 1                      | -                      |
| 382              | O-ring             | 109.5 x 3              | 1                      |
| 385              | Seal ring          | 70 x 50 x 10           | 1                      |
| 386              | O-ring             | 99.5 x 3               | 1                      |
| 389              | Seal ring          | 35 x 25 x 7            | -                      |
| 396              |                    | 42 x 1.6               | -                      |
| 397              | O-ring             | 36.2 x 3               | -                      |
| 82 <sup>3)</sup> |                    | 74.2 x 5.7             | 1                      |
| -                | Sealing compound   | -                      | 1                      |

<sup>3)</sup> Position number is from the pump parts list.

**Tools**

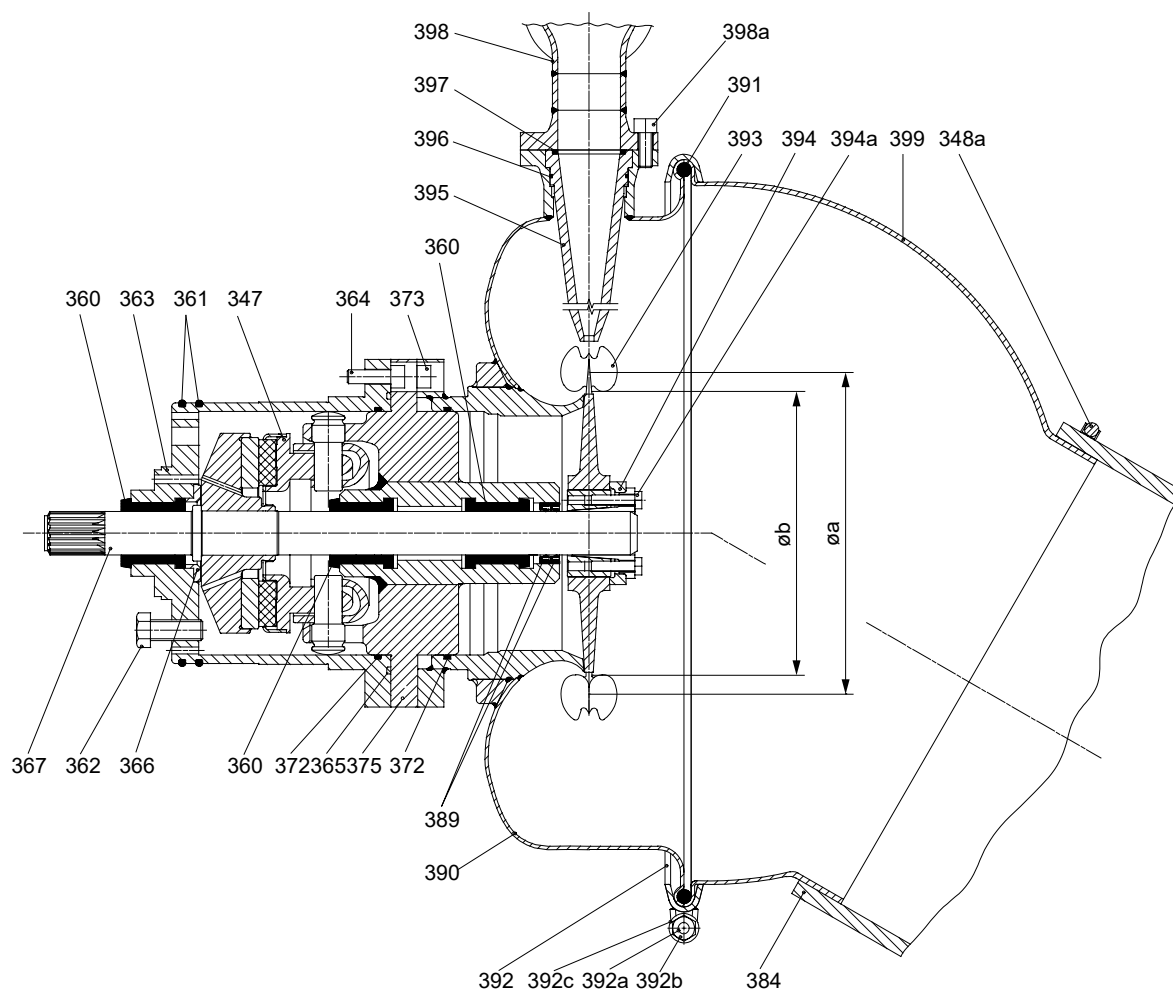
| Description           | Kit No                   |
|-----------------------|--------------------------|
| V-belt tension tester | <a href="#">96575457</a> |
| V-belt gauge          | <a href="#">96575458</a> |
| Grease gun            | <a href="#">96656481</a> |

## Pulley head



TM012401

## Pulley head, BMT



TM012402

## Wear parts

## BME, BMET 17

| Pos. | Pump type      | N, NS, R versions |          |          |
|------|----------------|-------------------|----------|----------|
|      |                | Pump stages       | -10      | -20      |
|      | Kit No         | 96604294          | 96604295 | 96604296 |
|      | Description    |                   |          |          |
| 6    | Top bearing    | 1                 | 1        | 1        |
| 7    | Neck ring      | 10                | 20       | 30       |
| 8    | Bearing        | 9                 | 19       | 29       |
| 8a   | Spacing washer | 1                 | 1        | 1        |
| 72   | Wear ring      | 10                | 20       | 30       |

## BME, BMET 30

| Pos. | Pump type          | N, NS, R versions |          |          |
|------|--------------------|-------------------|----------|----------|
|      |                    | Pump stages       | -10      | -18      |
|      | Kit No             | 96604297          | 96604298 | 96604299 |
|      | Description        |                   |          |          |
| 6    | Top bearing        | 1                 | 1        | 1        |
| 6B   | Lower bearing      | 1                 | 1        | 1        |
| 7    | Neck ring          | 10                | 18       | 26       |
| 8    | Bearing            | 8                 | 16       | 24       |
| 8a   | Spacing washer     | 1                 | 1        | 1        |
| 8b   | Stop ring          | 1                 | 1        | 1        |
| 25   | Neck ring retainer | 1                 | 1        | 1        |
| 72   | Wear ring          | 10                | 18       | 26       |

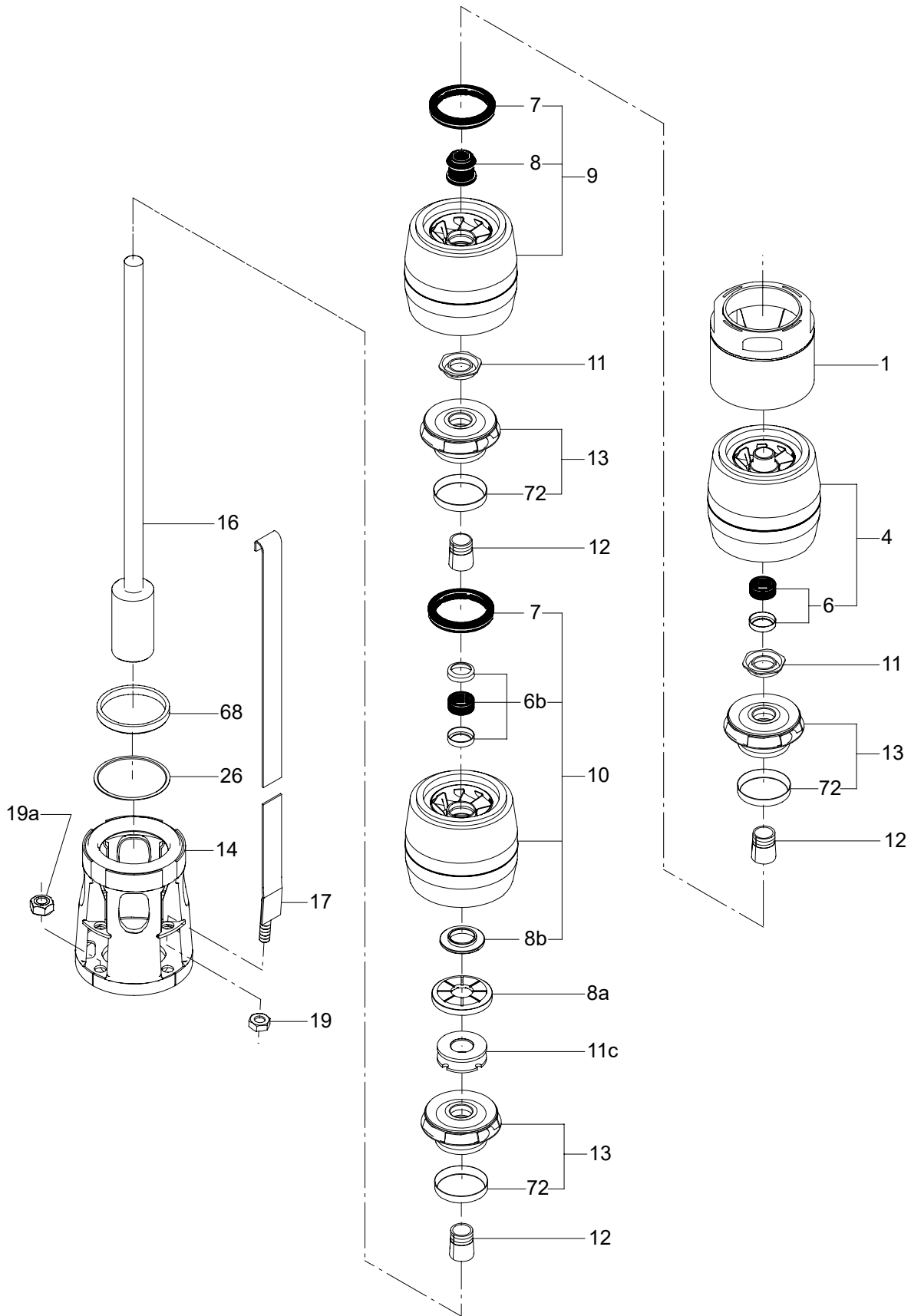
## BME, BMET 46

| Pos. | Pump type         | N, NS, R versions |          |          |
|------|-------------------|-------------------|----------|----------|
|      |                   | Pump stages       | -8       | -13      |
|      | Kit No            | 96604330          | 96604331 | 96604333 |
|      | Description       |                   |          |          |
| 6    | Top bearing       | 1                 | 1        | 1        |
| 6B   | Lower bearing     | 1                 | 1        | 1        |
| 7    | Neck ring         | 7                 | 12       | 16       |
| 8    | Bearing           | 6                 | 11       | 15       |
| 8a   | Spacing washer    | 1                 | 1        | 1        |
| 8b   | Stop ring         | 1                 | 1        | 1        |
| 11c  | Nut for stop ring | 1                 | 1        | 1        |
| 68   | Lower neck ring   | 1                 | 1        | 1        |
| 72   | Wear ring         | 8                 | 13       | 17       |

## BME, BMET 60

| Pos. | Pump type         | N, NS, R versions |          |          |
|------|-------------------|-------------------|----------|----------|
|      |                   | Pump stages       | -8       | -13      |
|      | Kit No            | 96604334          | 96604335 | 96604336 |
|      | Description       |                   |          |          |
| 6    | Top bearing       | 1                 | 1        | 1        |
| 6B   | Lower bearing     | 1                 | 1        | 1        |
| 7    | Neck ring         | 7                 | 12       | 16       |
| 8    | Bearing           | 6                 | 11       | 15       |
| 8a   | Spacing washer    | 1                 | 1        | 1        |
| 8b   | Stop ring         | 1                 | 1        | 1        |
| 11c  | Nut for stop ring | 1                 | 1        | 1        |
| 68   | Lower neck ring   | 1                 | 1        | 1        |
| 72   | Wear ring         | 8                 | 13       | 17       |

Wear parts



TM032943