

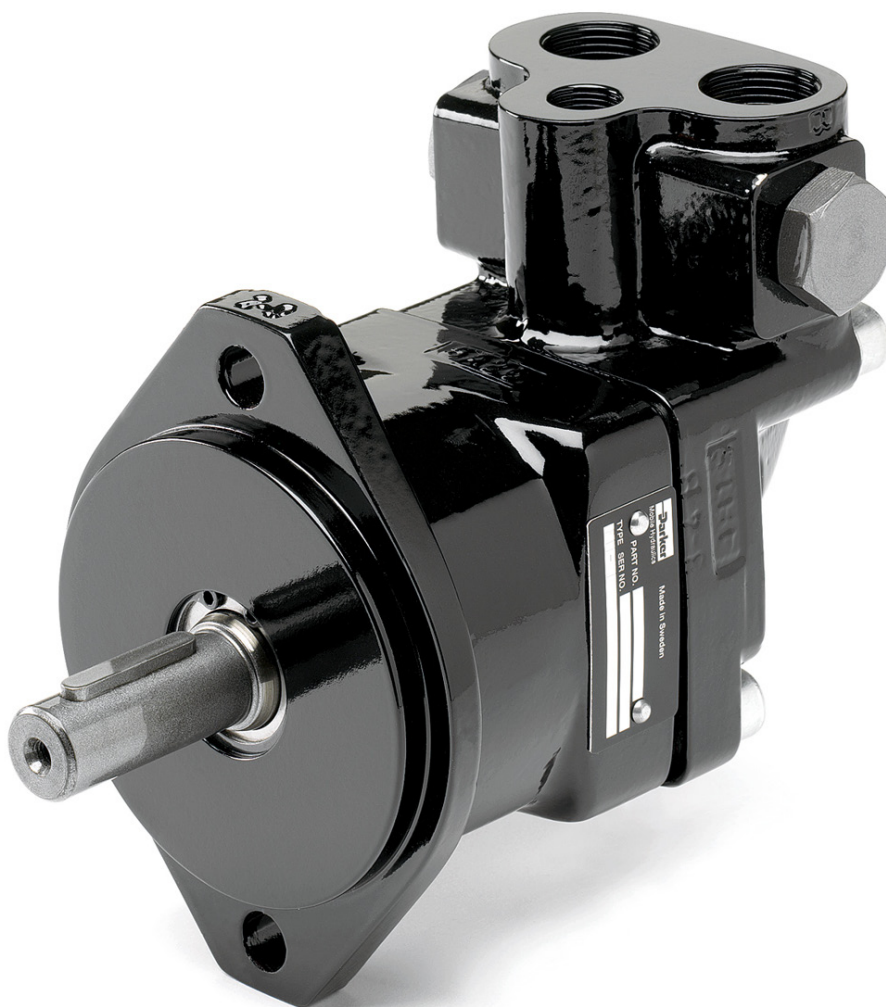


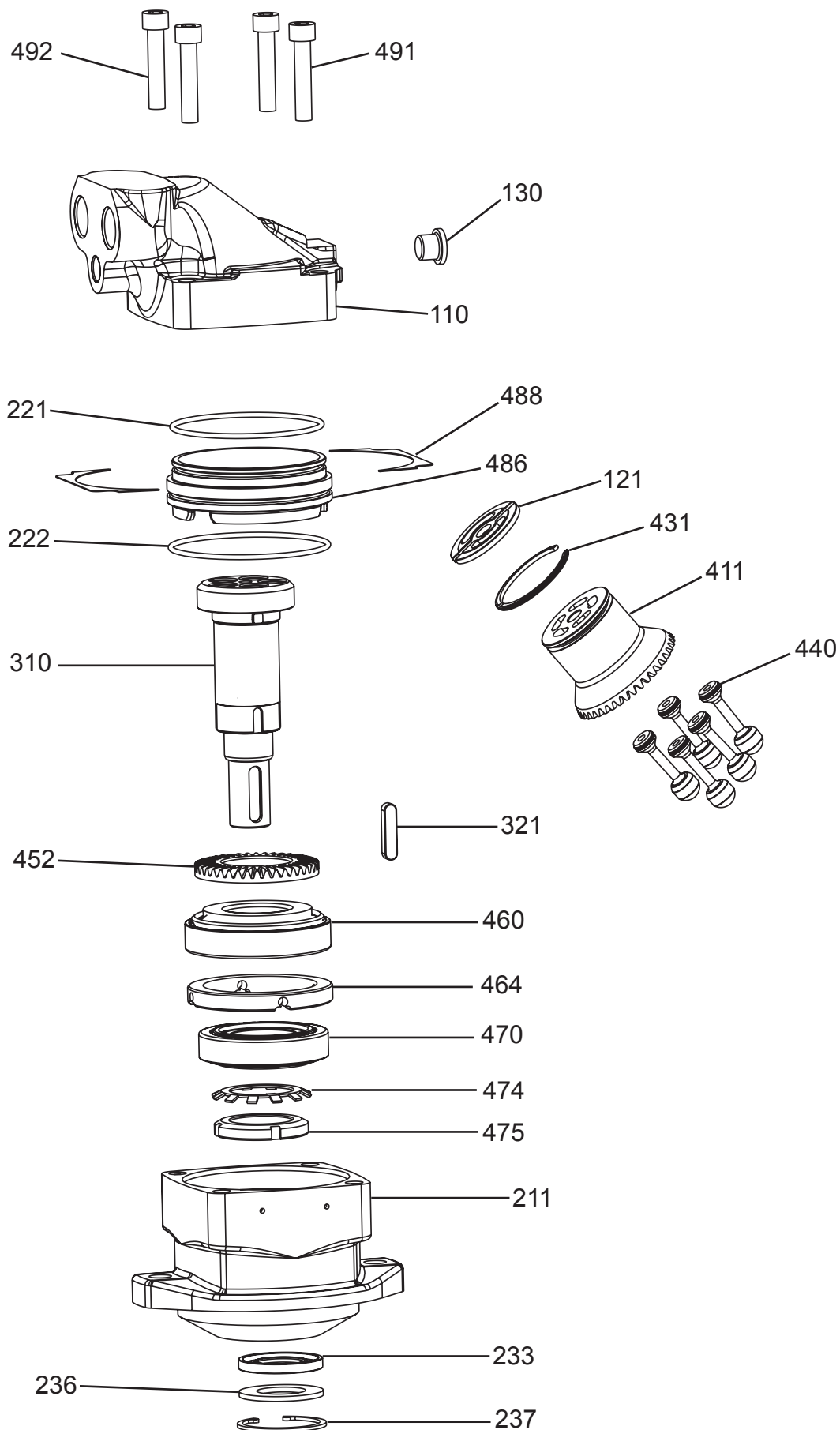
Bulletin HY30-5511-M1/UK/SE

# Spare Parts Series F11

Effective: April, 2018  
Supersedes: March, 2018

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| Item | Part No | Title                  | Qty | Remarks                            |
|------|---------|------------------------|-----|------------------------------------|
| 110  | 3703007 | Barrel Housing Assy    | 1   | Type B                             |
| 110  | 3704304 | Barrel Housing Assy    | 1   | Type U                             |
| 121  | 3701897 | Valve Plate type M     | 1   | Standard Motor                     |
| 121  | 3703653 | Valve Plate type R     | 1   | Pump CW                            |
| 121  | 3703652 | Valve Plate type L     | 1   | Pump CCW                           |
| 130  | 3785228 | Hex Socket Plug Assy   | 1   | For B                              |
| 130  | 3707297 | Hex Socket Plug Assy   | 1   | For U                              |
| 211  | 3700520 | Bearing Housing        | 1   | Type C                             |
| 237  | 914519  | Retaining Ring         | 1   | Only available in seal kit         |
| 310  | 3796078 | Shaft Assy type D      | 1   | Replaces 3703525                   |
| 310  | 3796077 | Shaft Assy type K      | 1   | Replaces 3701173, require flat key |
| 321  | 3796440 | Flat Key type K        | 1   | Replaces 909869                    |
| 411  | 3702342 | Cylinder Barrel        | 1   |                                    |
| 431  | 3700606 | Barrel Retaining Ring  | 1   |                                    |
| 440  | 3708656 | Piston Assy            | 5   |                                    |
| 442  |         | Piston Ring            | 15  | Only available in kit              |
| 452  | 3795831 | Ring Gear              | 1   | Replaces 3700596                   |
| 460  | 118206  | Tap Rol Bearing        | 1   |                                    |
| 464  | 3700516 | Spacer Ring            | 1   |                                    |
| 470  | 118017  | Tap Rol Bearing        | 1   |                                    |
| 474  | 907023  | Lock Washer            | 1   |                                    |
| 475  | 3785450 | Round Nut              | 1   | Replaces 906633                    |
| 486  | 3797258 | Guide Spacer           | 1   |                                    |
| 488  |         | Shim                   | 1   | Only available in kit              |
| 491  |         | Hex Socket Screw M8*35 | 2   | Only available in spare part kit   |
| 492  |         | Hex Socket Screw M8*70 | 2   | Only available in spare part kit   |

**For other parts, please contact PMDE for availability**

#### Kits

| Part No | Title           | Info                         | Contain item                 |
|---------|-----------------|------------------------------|------------------------------|
| 3797118 | Seal Kit type V | FPM                          | 221, 222, 233, 236, 237      |
| 3797109 | Seal kit type N | NBR                          | 221, 222, 233, 236, 237      |
| 3721300 | Spare Part Kit  | Motor                        | 121, 411, 431, 440, 491, 492 |
| 3786905 | Piston Ring Kit | Ø 9,5 mm (60 pcs)            | 442                          |
| 3721345 | Shim Kit        | 0,6 - 0,8 mm (2 pcs of each) | 488                          |

| Item | Part No | Title                   | Qty | Remarks                    |
|------|---------|-------------------------|-----|----------------------------|
| 110  | 3795133 | Barrel Housing Assy     | 1   | Type B                     |
| 121  | 3795135 | Valve Plate type M      | 1   | Standard Motor             |
| 130  | 3785226 | Hex Socket Plug         | 1   |                            |
| 211  | 3700905 | Bearing Housing type C  | 1   | CETOP                      |
| 211  | 3783243 | Bearing Housing type I  | 1   | ISO                        |
| 211  | 3783242 | Bearing Housing type S  | 1   | SAE                        |
| 237  |         | Retaining Ring          | 1   | Only available in seal kit |
| 310  | 3796080 | Shaft Assy type K       | 1   | Require flat key           |
| 310  | 3796083 | Shaft Assy type D       | 1   |                            |
| 321  | 3796439 | Flat Key for K shaft    | 1   |                            |
| 411  | 3795138 | Cylinder Barrel         | 1   |                            |
| 431  | 3700973 | Barrel Retaining Ring   | 1   |                            |
| 440  | 3795137 | Piston Assy             | 5   |                            |
| 442  |         | Piston Ring             | 15  | Only available in kit      |
| 452  | 3795832 | Ring Gear               | 1   |                            |
| 460  | 3798537 | Tap Rol Bearing         | 1   |                            |
| 464  | 3700954 | Spacer Ring             | 1   |                            |
| 470  | 118201  | Tap Rol Bearing         | 1   |                            |
| 474  | 907024  | Lock Washer             | 1   |                            |
| 475  | 3720563 | Round Nut               | 1   | Replaces 906634            |
| 486  | 3783044 | Guide Spacer            | 1   |                            |
| 488  |         | Shim                    | 2   | Only available in kit      |
| 491  |         | Hex Socket Screw M10*40 | 2   |                            |
| 492  |         | Hex Socket Screw M10*80 | 2   |                            |

**For other parts, please contact PMDE for availability**

#### Kits

| Part No | Title           | Info                       | Contain item            |
|---------|-----------------|----------------------------|-------------------------|
| 3783269 | Seal Kit type V | FPM                        | 221. 222, 233, 236, 237 |
| 3797111 | Seal Kit type N | NBR                        | 221. 222, 233, 236, 237 |
| 3786905 | Piston Ring Kit | Ø 9,5 mm (60 pcs)          | 442                     |
| 3721346 | Shims Kit       | 0,6-0,8 mm (2 pcs of each) | 488                     |

| Item | Part No | Title                   | Qty | Remarks                          |
|------|---------|-------------------------|-----|----------------------------------|
| 110  | 3703010 | Barrel Housing Assy     | 1   | Type B                           |
| 110  | 3704105 | Barrel Housing Assy     | 1   | Type U                           |
| 121  | 3701895 | Valve Plate type M      | 1   | Standard Motor                   |
| 121  | 3703591 | Valve Plate type R      | 1   | Pump CW                          |
| 121  | 3703590 | Valve Plate type L      | 1   | Pump CCW                         |
| 130  | 3707297 | Hex Socket Plug Assy    | 1   | For U                            |
| 130  | 3785226 | Hex Socket Plug Assy    | 1   | For B                            |
| 211  | 3700905 | Bearing Housing         | 1   | Type C                           |
| 237  |         | Retaining Ring          | 1   | Only available in seal kit       |
| 310  | 3796083 | Shaft Assy type D       | 1   | Replaces 3703526                 |
| 310  | 3796080 | Shaft Assy type K       | 1   | Require flat key, replaces 72951 |
| 321  | 3796439 | Flat Key for K shaft    | 1   | Replaces 909871                  |
| 411  | 3702958 | Cylinder Barrel         | 1   |                                  |
| 431  | 3700973 | Barrel Retaining Ring   | 1   |                                  |
| 440  | 3708657 | Piston Assy             | 5   |                                  |
| 442  |         | Piston Ring             | 15  | Only available in kit            |
| 452  | 3795832 | Ring Gear               | 1   | Replaces 3700598                 |
| 460  | 3798537 | Tap Rol Bearing         | 1   | Replaces 118024                  |
| 464  | 3700954 | Spacer Ring             | 1   |                                  |
| 470  | 118201  | Tap Rol Bearing         | 1   | 30206                            |
| 474  | 907024  | Lock Washer             | 1   |                                  |
| 475  | 3720563 | Round Nut               | 1   | Replaces 906634                  |
| 486  | 3783044 | Guide Spacer            | 1   | Replaces 3797259                 |
| 488  |         | Shim                    | 1   | Only available in kit            |
| 491  |         | Hex Socket Screw M10*40 | 2   | Only available in spare part kit |
| 492  |         | Hex Socket Screw M10*80 | 2   | Only available in spare part kit |

**For other parts, please contact PMDE for availability**

#### Kits

| Part No | Title              | Info                       | Contain item                 |
|---------|--------------------|----------------------------|------------------------------|
| 3783269 | Sealing Kit type V | FPM                        | 221, 222, 233, 236, 237      |
| 3797111 | Sealing Kit type N | NBR                        | 221, 222, 233, 236, 237      |
| 3721304 | Spare Part Kit     | Motor                      | 121, 411, 431, 440, 491, 492 |
| 3786906 | Piston Ring Kit    | Ø 12 mm (60 pcs)           | 442                          |
| 3721346 | Shims Kit          | 0,6-0,8 mm (2 pcs of each) | 488                          |

| Item | Part No | Title                           | Qty | Remarks                    |
|------|---------|---------------------------------|-----|----------------------------|
| 110  | 3783214 | Barrel Housing Assy type B      | 1   | BSP threads                |
| 110  | 3783280 | Barrel Housing Assy type F      | 1   | Metric threads             |
| 110  | 3783279 | Barrel Housing Assy type U      | 1   | SAE, UN threads            |
| 121  | 3785494 | Valve Plate type Q              | 1   | Standard Motor             |
| 121  | 3782850 | Valve Plate type S              | 1   | Motor high speed           |
| 130  | 3785226 | Hexagon Plug Assy for B housing | 1   |                            |
| 130  | 3707297 | Hexagon Plug Assy for U housing | 1   |                            |
| 131  | 966143  | Hexagon Plug for F housing      | 1   |                            |
| 132  | 948883  | Seal Washer for F housing       | 1   |                            |
| 211  | 3700905 | Bearing Housing type C          | 1   | Cetop                      |
| 211  | 3783243 | Bearing Housing type I          | 1   | ISO                        |
| 211  | 3783242 | Bearing Housing type S          | 1   | SAE                        |
| 237  |         | Retaining Ring                  | 1   | Only available in seal kit |
| 310  | 3796080 | Shaft Assy type K               | 1   | Require flat key           |
| 310  | 3796083 | Shaft Assy type D               | 1   |                            |
| 310  | 3785221 | Shaft Assy type S               | 1   |                            |
| 321  | 3796439 | Flat Key for K shaft            | 1   |                            |
| 411  | 3782829 | Cylinder Barrel                 | 1   |                            |
| 431  | 3782984 | Barrel Retaining Ring           | 1   |                            |
| 440  | 3782828 | Piston Assy                     | 5   |                            |
| 442  |         | Piston ring                     | 15  | Only available in kit      |
| 452  | 3795832 | Ring Gear                       | 1   |                            |
| 460  | 3798537 | Tap Rol Bearing                 | 1   |                            |
| 464  | 3700954 | Spacer Ring                     | 1   |                            |
| 470  | 118201  | Tap Rol Bearing                 | 1   |                            |
| 474  | 907024  | Lock Washer                     | 1   |                            |
| 475  | 3720563 | Round Nut                       | 1   | Replaces 906634            |
| 486  | 3783044 | Guide Spacer                    | 1   |                            |
| 488  |         | Shim                            | 2   | Only available in kit      |
| 491  |         | Hex Socket Screw M10*40         | 2   |                            |
| 492  |         | Hex Socket Screw M10*80         | 2   |                            |

**For other parts, please contact PMDE for availability**

#### Kits

| Part No | Title              | Info                       | Contain item            |
|---------|--------------------|----------------------------|-------------------------|
| 3783269 | Sealing Kit type V | FPM                        | 221, 222, 233, 236, 237 |
| 3797111 | Sealing Kit type N | NBR                        | 221, 222, 233, 236, 237 |
| 3786907 | Piston Ring Kit    | Ø 13,5 mm (60 pcs)         | 442                     |
| 3721346 | Shims Kit          | 0,6-0,8 mm (2 pcs of each) | 488                     |

| Item | Part No | Title                           | Qty | Remarks                    |
|------|---------|---------------------------------|-----|----------------------------|
| 110  | 3783214 | Barrel Housing Assy type B      | 1   | BSP threads                |
| 110  | 3783280 | Barrel Housing Assy type F      | 1   | Metric threads             |
| 110  | 3783279 | Barrel Housing Assy type U      | 1   | SAE, UN threads            |
| 121  | 3785494 | Valve Plate type Q              | 1   | Standard Motor             |
| 121  | 3782850 | Valve Plate type S              | 1   | Motor High Speed           |
| 130  | 3785226 | Hexagon Plug Assy for B housing | 1   |                            |
| 130  | 3707297 | Hexagon Plug Assy for U housing | 1   |                            |
| 131  | 966143  | Hexagon Plug for F housing      | 1   |                            |
| 132  | 948883  | Seal Washer for F housing       | 1   |                            |
| 211  | 3783240 | Bearing Housing type C          | 1   | Cetop                      |
| 211  | 3783222 | Bearing Housing type I          | 1   | ISO                        |
| 211  | 3783223 | Bearing Housing type S          | 1   | SAE                        |
| 237  |         | Retaining Ring                  | 1   | Only available in seal kit |
| 310  | 3782825 | Shaft Assy type K               | 1   | Require flat key           |
| 310  | 3783199 | Shaft Assy type D               | 1   |                            |
| 310  | 3783281 | Shaft Assy type S               | 1   |                            |
| 310  | 3783282 | Shaft Assy type T               | 1   | Require flat key           |
| 321  | 909305  | Flat Key for K shaft            | 1   |                            |
| 321  | 118225  | Flat Key for T shaft            | 1   |                            |
| 411  | 3782829 | Cylinder Barrel                 | 1   |                            |
| 431  | 3782984 | Barrel Retaining Ring           | 1   |                            |
| 440  | 3782828 | Piston Assy                     | 5   |                            |
| 442  |         | Piston Ring                     | 15  | Only available in kit      |
| 452  | 3795832 | Ring Gear                       | 1   |                            |
| 460  | 3798537 | Tap Rol Bearing                 | 1   |                            |
| 464  | 3700954 | Spacer Ring                     | 1   |                            |
| 470  | 118201  | Tap Rol Bearing                 | 1   |                            |
| 474  | 907024  | Lock Washer                     | 1   |                            |
| 475  | 3720563 | Round Nut                       | 1   | Replaces 906634            |
| 486  | 3783044 | Guide Spacer                    | 1   |                            |
| 488  |         | Shim                            | 2   | Only available in kit      |
| 491  |         | Hex Socket Screw M10*40         | 2   |                            |
| 492  |         | Hex Socket Screw M10*80         | 2   |                            |

**For other parts, please contact PMDE for availability**

#### Kits

| Part No | Title              | Info                       | Contain item            |
|---------|--------------------|----------------------------|-------------------------|
| 3785038 | Sealing Kit type V | FPM                        | 221, 222, 233, 236, 237 |
| 3786907 | Piston Ring Kit    | Ø 13,5 mm (60 pcs)         | 442                     |
| 3721346 | Shims Kit          | 0,6-0,8 mm (2 pcs of each) | 488                     |

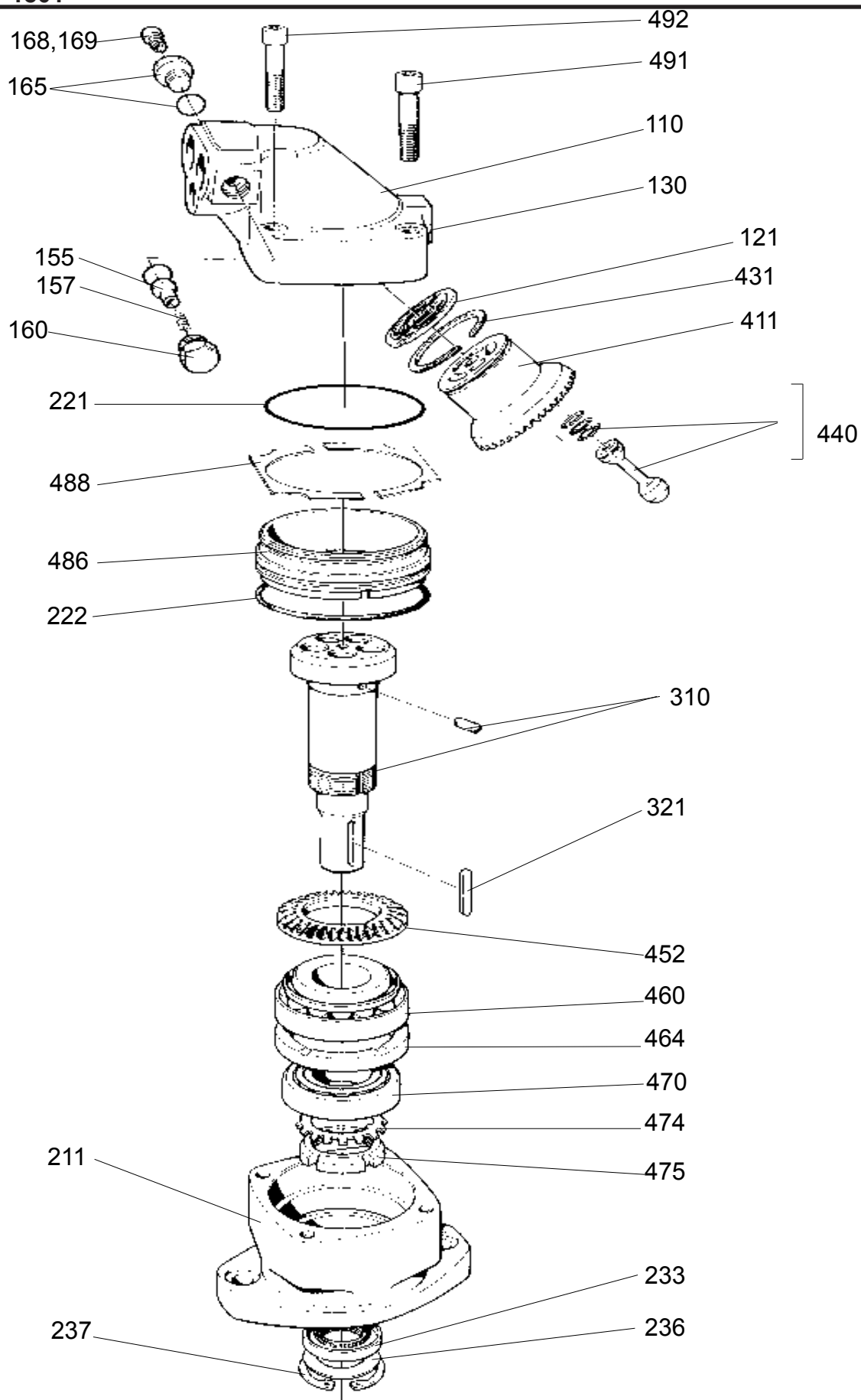
| Item | Part No | Title                              | Qty | Remarks                           |
|------|---------|------------------------------------|-----|-----------------------------------|
| 110  | 3706487 | Barrel Housing Assy type B         | 1   |                                   |
| 110  | 3703438 | Barrel Housing Assy type U         | 1   |                                   |
| 121  | 72846   | Valve Plate type M                 | 1   | Standard Motor                    |
| 121  | 3703441 | Valve Plate type R                 | 1   | Pump CW                           |
| 121  | 3703440 | Valve Plate type L                 | 1   | Pump CCW                          |
| 130  | 3785226 | Hex Socket Plug Assy for B housing | 1   |                                   |
| 130  | 3707297 | Hex Socket Plug Assy for U housing | 1   |                                   |
| 211  | 3788269 | Bearing Housing type C             | 1   | CETOP Replaces 72834              |
| 211  | 3700237 | Bearing Housing type S             | 1   | SAE                               |
| 237  |         | Retaining Ring                     | 1   | Only available in seal kit        |
| 310  | 3796091 | Shaft Assy type D                  | 1   | Replaces 3703429                  |
| 310  | 3796087 | Shaft Assy type K                  | 1   | Require flat key, replaces 72952  |
| 310  | 3796092 | Shaft Assy type S                  | 1   | Replaces 3703723                  |
| 310  | 3796089 | Shaft Assy type T                  | 1   | Require flat key                  |
| 321  | 3789537 | Flat Key for K shaft               | 1   |                                   |
| 321  | 118225  | Flat Key for T shaft               | 1   |                                   |
| 411  | 3702959 | Cylinder Barrel                    | 1   |                                   |
| 431  | 72686   | Barrel Retaining Ring              | 1   |                                   |
| 440  | 3708658 | Piston Assy                        | 5   |                                   |
| 442  |         | Piston Ring                        | 15  | Only available in kit             |
| 452  | 3795833 | Ring Gear                          | 1   |                                   |
| 460  | 3797156 | Tap Rol Bearing                    | 1   | 31308                             |
| 464  | 73384   | Spacer Ring                        | 1   |                                   |
| 470  | 118202  | Tap Rol Bearing                    | 1   | 30208                             |
| 474  | 907026  | Lock Washer                        | 2   |                                   |
| 475  | 3720565 | Round Nut                          | 1   | Replaces 906636                   |
| 486  | 3785236 | Guide Spacer                       | 1   | Replaces 3797260                  |
| 488  |         | Shim                               | 2   | Only available in kit             |
| 491  |         | Hex Socket Screw M10*50            | 4   | Only available in spare parts kit |

**For other parts, please contact PMDE for availability**

#### Kits

| Part No | Title              | Info                       | Contain item            |
|---------|--------------------|----------------------------|-------------------------|
| 3783270 | Sealing Kit type V | FPM                        | 221, 222, 233, 236, 237 |
| 3797112 | Sealing Kit type N | NBR                        | 221, 222, 233, 236, 237 |
| 3721306 | Spare Part Kit     | Motor                      | 121, 411, 431, 440, 491 |
| 3786908 | Piston Ring Kit    | Ø 15 mm (60 pcs)           | 442                     |
| 3721347 | Shims Kit          | 0,6-0,8 mm (2 pcs of each) | 488                     |





| Item | Part No | Title                   | Qty | Remarks                          |
|------|---------|-------------------------|-----|----------------------------------|
| 61   | 3785641 | Hex Socket Plug         | 1   |                                  |
| 62   | 3785682 | Seal washer             | 1   |                                  |
| 86   | 3784472 | Power boost             | 1   |                                  |
| 110  | 3789655 | Barrel Housing Assy CW  | 1   | MUVR                             |
| 110  | 3720238 | Barrel Housing Assy CCW | 1   | MUVR                             |
| 121  | 3795088 | Valve Plate type S      | 1   |                                  |
| 130  | 3785226 | Hex Socket Plug Assy    | 1   |                                  |
| 155  | 3797289 | Chec Valve Cone         | 1   | Incl. in item 110                |
| 157  | 3797290 | Compression spring      | 1   | Incl. in item 110                |
| 160  | 3797292 | Hex Socket Plug Assy    | 1   | Incl. in item 110                |
| 211  | 3700905 | Bearing Housing         | 1   |                                  |
| 237  |         | Retaining Ring          | 1   | Only available in seal kit       |
| 310  | 3796080 | Shaft Assy type K       | 1   | Require flat key                 |
| 321  | 3796439 | Flat Key for K shaft    | 1   |                                  |
| 411  | 3702958 | Cylinder Barrel         | 1   |                                  |
| 431  | 3700973 | Barrel Retaining Ring   | 1   |                                  |
| 440  | 3708657 | Piston Assy             | 5   |                                  |
| 452  | 3795832 | Ring Gear               | 1   |                                  |
| 460  | 3798537 | Tap Rol Bearing         | 1   |                                  |
| 464  | 3700954 | Spacer Ring             | 1   |                                  |
| 470  | 118201  | Tap Rol Bearing         | 1   |                                  |
| 474  | 907024  | Lock Washer             | 1   |                                  |
| 475  | 3720563 | Round Nut               | 1   |                                  |
| 486  | 3783044 | Guide Spacer            | 1   |                                  |
| 488  |         | Shim                    | 2   | Only available in kit            |
| 491  |         | Hex Socket Screw        | 2   | Only available in spare part kit |
| 492  |         | Hex Socket Screw        | 2   | Only available in spare part kit |

## Kits F11-010 CETOP Saw Motor

| Part No | Title           | Info                       | Contain item                 |
|---------|-----------------|----------------------------|------------------------------|
| 3783383 | Seal Kit Type S |                            | 221, 222, 233, 236, 237      |
| 3721305 | Spare Part Kit  | Saw Motor                  | 121, 411, 431, 440, 491, 492 |
| 3786906 | Piston Ring Kit | Ø 12 mm (60 pcs)           | 442                          |
| 3721346 | Shims Kit       | 0,6-0,8 mm (2 pcs of each) | 488                          |

| Item | Part No | Title                   | Qty | Remarks                          |
|------|---------|-------------------------|-----|----------------------------------|
| 61   | 3785641 | Hex Socket Plug         | 1   |                                  |
| 62   | 3785682 | Seal Washer             | 1   |                                  |
| 86   | 3784472 | Power Boost             | 1   |                                  |
| 110  | 3782821 | Barrel Housing Assy CW  | 1   | MUVR                             |
| 110  | 3720235 | Barrel Housing Assy CCW | 1   | MUVL                             |
| 121  | 3782850 | Valve Plate type S      | 1   |                                  |
| 130  | 3785226 | Hex Socket Plug Assy    | 1   |                                  |
| 155  | 3797289 | Chec Valve Cone         | 1   | Incl. in item 110                |
| 157  | 3797290 | Compression spring      | 1   | Incl. in item 110                |
| 160  | 3797292 | Hex Socket Plug Assy    | 1   | Incl. in item 110                |
| 211  | 3783240 | Bearing Housing         | 1   |                                  |
| 237  |         | Retaining Ring          | 1   | Only available in seal kit       |
| 310  | 3782825 | Shaft Assy type K       | 1   | Require flat key                 |
| 321  | 909305  | Flat Key for K shaft    | 1   |                                  |
| 411  | 3782829 | Cylinder Barrel         | 1   |                                  |
| 431  | 3782984 | Barrel Retaining Ring   | 1   |                                  |
| 440  | 3782828 | Piston Assy             | 5   |                                  |
| 452  | 3795832 | Ring Gear               | 1   |                                  |
| 460  | 3798537 | Tap Rol Bearing         | 1   |                                  |
| 464  | 3700954 | Spacer Ring             | 1   |                                  |
| 470  | 118201  | Tap Rol Bearing         | 1   |                                  |
| 474  | 907024  | Lock Washer             | 2   |                                  |
| 475  | 3720563 | Round Nut               | 1   |                                  |
| 486  | 3783044 | Guide Spacer            | 1   |                                  |
| 488  | 3797413 | Shim                    | 2   | Only available in kit            |
| 491  |         | Hex Socket Screw        | 2   | Only available in spare part kit |
| 492  |         | Hex Socket Screw        | 2   | Only available in apare part kit |

### Kits F11-014 CETOP Saw Motor

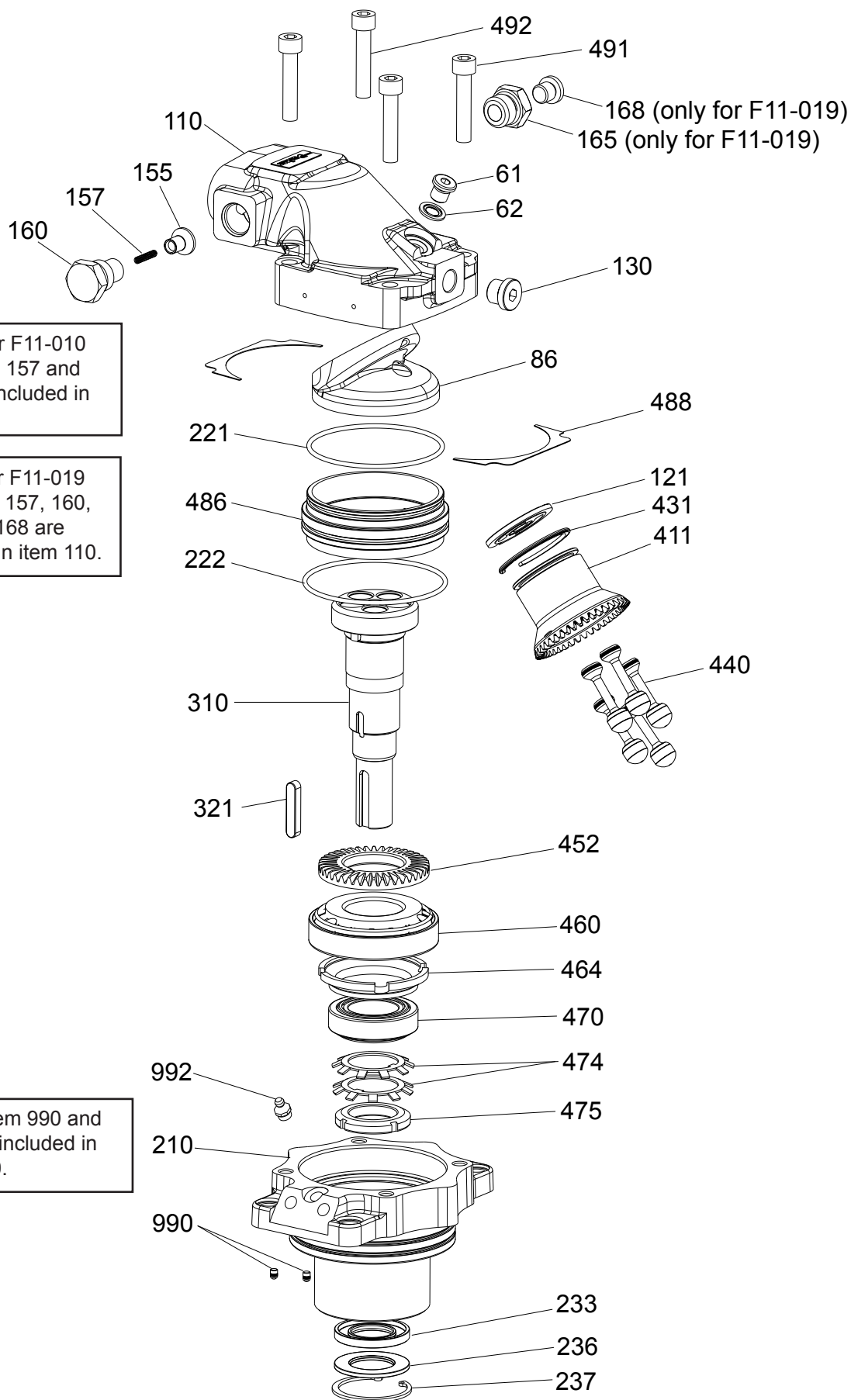
| Part No | Title              | Info                       | Contain item                 |
|---------|--------------------|----------------------------|------------------------------|
| 3785038 | Sealing Kit type V |                            | 221, 222, 233, 236, 237      |
| 3721358 | Spare Part Kit     | Saw Motor                  | 121, 411, 431, 440, 491, 492 |
| 3786907 | Piston Ring Kit    | Ø 13,5 mm (60 pcs)         | 442                          |
| 3721346 | Shims Kit          | 0,6-0,8 mm (2 pcs of each) | 488                          |

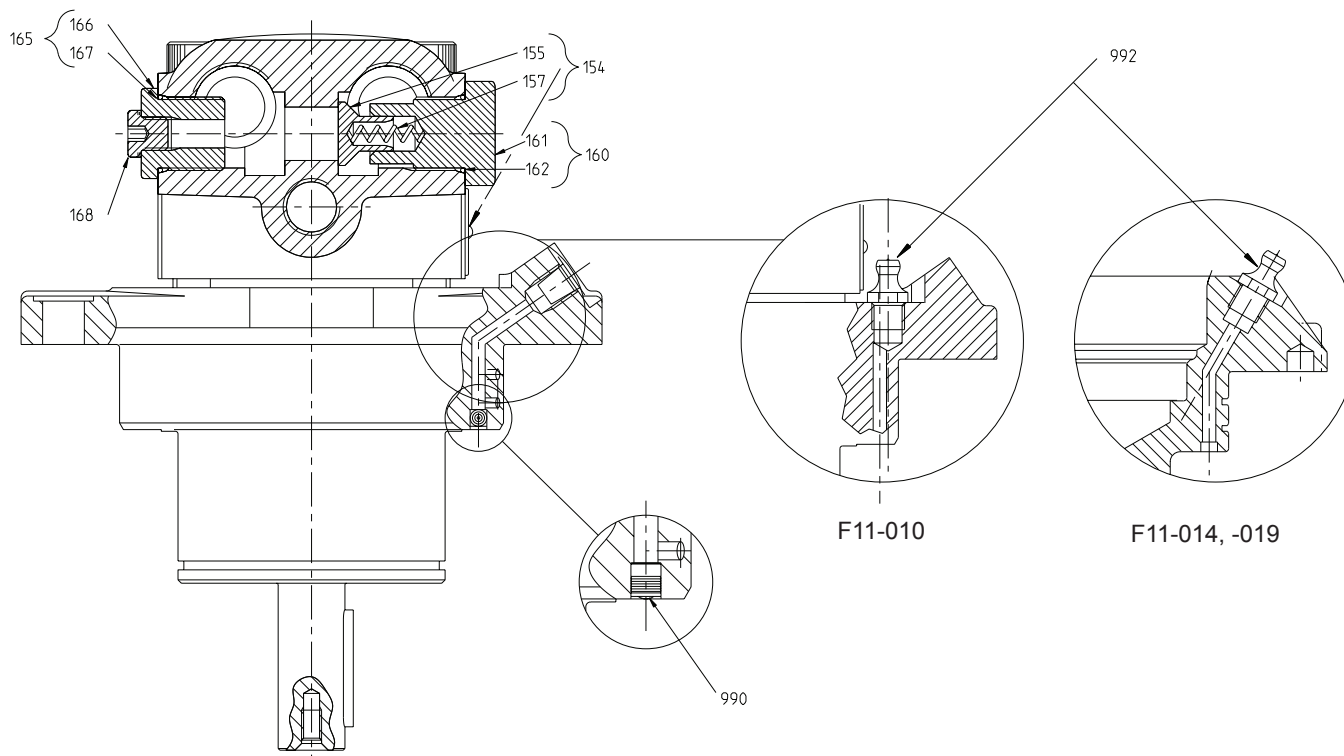
| Item | Part No | Title                   | Qty | Remarks                          |
|------|---------|-------------------------|-----|----------------------------------|
| 61   | 3785641 | Hex Socket Plug         | 1   |                                  |
| 62   | 3785682 | Seal Washer             | 1   |                                  |
| 86   | 3785713 | Power Boost             | 1   |                                  |
| 110  | 3781821 | Barrel Housing Assy CW  | 1   | MUVR                             |
| 110  | 3784915 | Barrel Housing Assy CCW | 1   | MUVR                             |
| 121  | 3797880 | Valve Plate type S      | 1   |                                  |
| 130  | 3785226 | Hex Socket Plug Assy    | 1   |                                  |
| 155  | 3797289 | Check Valve Cone        | 1   | Incl. in item 110                |
| 157  | 3797290 | Compression spring      | 1   | Incl. in item 110                |
| 160  | 3797292 | Hex Socket Plug Assy    | 1   | Incl. in item 110                |
| 165  | 3797291 | Hex Socket Plug Assy    | 1   | Incl. in item 110                |
| 168  | 3785228 | Hex Socket Plug Assy    | 1   | Incl. in item 110                |
| 211  | 3788269 | Bearing Housing         | 1   |                                  |
| 237  |         | Retaining Ring          | 1   | Only available in seal kit       |
| 310  | 3796087 | Shaft Assy type K       | 1   | Require flat key                 |
| 321  | 909305  | Flat Key for K shaft    | 1   |                                  |
| 411  | 3702959 | Cylinder Barrel         | 1   |                                  |
| 431  | 72686   | Barrel Retaining Ring   | 1   |                                  |
| 440  | 3708658 | Piston Assy             | 5   |                                  |
| 452  | 3795833 | Ring Gear               | 1   |                                  |
| 460  | 3797156 | Tap Rol Bearing         | 1   |                                  |
| 464  | 73384   | Spacer Ring             | 1   |                                  |
| 470  | 118202  | Tap Rol Bearing         | 1   |                                  |
| 474  | 907026  | Lock Washer             | 1   |                                  |
| 475  | 3720565 | Round Nut               | 1   |                                  |
| 486  | 3797260 | Guide Spacer            | 1   |                                  |
| 488  |         | Shim                    | 2   | Only available in kit            |
| 491  |         | Hex Socket Screw        | 4   | Only available in spare part kit |

### Kits F11-019 CETOP Saw Motor

| Part No | Title              | Info                       | Contain item            |
|---------|--------------------|----------------------------|-------------------------|
| 3783384 | Sealing Kit type S | FKM+PTFE                   | 221, 222, 233, 236, 237 |
| 3720898 | Sealing Kit type S | Flexiseal                  | 221, 222, 233, 236, 237 |
| 3721267 | Spare Part Kit     | Saw Motor                  | 121, 411, 431, 440, 491 |
| 3786908 | Piston Ring Kit    | Ø 15 mm (60 pcs)           | 442                     |
| 3721347 | Shims Kit          | 0,6-0,8 mm (2 pcs of each) | 488                     |

**Note!** 3720898 contains O-rings for both F11-019 and F12-030





| Item | Part No | Title                   | Qty | Remarks                          |
|------|---------|-------------------------|-----|----------------------------------|
| 61   | 3785641 | Hex Socket Plug         | 1   |                                  |
| 62   | 3785682 | Seal Washer             | 1   |                                  |
| 86   | 3784472 | Powerboost              | 1   |                                  |
| 110  | 3729655 | Barrel Housing Assy CW  | 1   | MUVR                             |
| 110  | 3720238 | Barrel Housing Assy CCW | 1   | MUVL                             |
| 121  | 3795088 | Valve Plate type S      | 1   |                                  |
| 130  | 3785226 | Hex Socket Plug Assy    | 1   |                                  |
| 155  | 3797289 | Chec Valve Cone         | 1   | Incl. in item 110                |
| 157  | 3797290 | Compression spring      | 1   | Incl. in item 110                |
| 160  | 3797292 | Hex Socket Plug Assy    | 1   | Incl. in item 110                |
| 210  | 3784906 | Bearing Housing Assy    | 1   |                                  |
| 237  |         | Retaining Ring          | 1   |                                  |
| 310  | 3796080 | Shaft Assy type K       | 1   | Require flat key                 |
| 321  | 3796439 | Flat Key for K shaft    | 1   |                                  |
| 411  | 3702958 | Cylinder Barrel         | 1   |                                  |
| 431  | 3700973 | Barrel Retaining Ring   | 1   |                                  |
| 440  | 3708657 | Piston Assy             | 5   |                                  |
| 452  | 3795832 | Ring Gear               | 1   |                                  |
| 460  | 3798537 | Tap Rol Bearing         | 1   |                                  |
| 464  | 3703853 | Spacer Ring             | 1   |                                  |
| 470  | 118201  | Tap Rol Bearing         | 1   |                                  |
| 474  | 907024  | Lock Washer             | 1   |                                  |
| 475  | 3720563 | Round Nut               | 1   |                                  |
| 486  | 3783044 | Guide Spacer            | 1   |                                  |
| 488  |         | Shim                    | 2   | Only available in kit            |
| 491  |         | Hex Socket Screw        | 2   | Only available in spare part kit |
| 492  |         | Hex Socket Screw        | 2   | Only available in spare part kit |
| 990  | 118800  | Expanding Plug          | 2   | Incl. in item 210                |
| 992  | 3782149 | Grease Fitting          | 1   | Incl. in item 210                |

## Kits F11-010 Saw Motor

| Part No | Title           | Info                       | Contain item                 |
|---------|-----------------|----------------------------|------------------------------|
| 3783383 | Seal Kit Type S |                            | 221, 222, 233, 236, 237      |
| 3721305 | Spare Part Kit  | Saw Motor                  | 121, 411, 431, 440, 491, 492 |
| 3786906 | Piston Ring Kit | Ø 12 mm (60 pcs)           | 442                          |
| 3721346 | Shims Kit       | 0,6-0,8 mm (2 pcs of each) | 488                          |

| Item | Part No | Title                   | Qty | Remarks                          |
|------|---------|-------------------------|-----|----------------------------------|
| 61   | 3785641 | Hex Socket Plug         | 1   |                                  |
| 62   | 3785682 | Seal Washer             | 1   |                                  |
| 86   | 3784472 | Powerboost              | 1   |                                  |
| 110  | 3782821 | Barrel Housing Assy CW  | 1   | MUVR                             |
| 110  | 3720235 | Barrel Housing Assy CCW | 1   | MUVR                             |
| 121  | 3782850 | Valve Plate type S      | 1   |                                  |
| 130  | 3785226 | Hex Socket Plug Assy    | 1   |                                  |
| 155  | 3797289 | Chec Valve Cone         | 1   | Incl. in item 110                |
| 157  | 3797290 | Compression spring      | 1   | Incl. in item 110                |
| 160  | 3797292 | Hex Socket Plug Assy    | 1   | Incl. in item 110                |
| 211  | 3784908 | Bearing Housing Assy    | 1   |                                  |
| 237  |         | Retaining Ring          | 1   | Only available in seal kit       |
| 310  | 3783382 | Shaft Assy type X       | 1   | Require flat key                 |
| 321  | 909306  | Flat Key for X shaft    | 1   |                                  |
| 411  | 3782829 | Cylinder Barrel         | 1   |                                  |
| 431  | 3782984 | Barrel Retaining Ring   | 1   |                                  |
| 440  | 3782828 | Piston Assy             | 5   |                                  |
| 452  | 3795832 | Ring Gear               | 1   |                                  |
| 460  | 3798537 | Tap Rol Bearing         | 1   |                                  |
| 464  | 3703853 | Spacer Ring             | 1   |                                  |
| 470  | 118201  | Tap Rol Bearing         | 1   |                                  |
| 474  | 907024  | Lock Washer             | 2   |                                  |
| 475  | 3720563 | Round Nut               | 1   |                                  |
| 486  | 3783044 | Guide Spacer            | 1   |                                  |
| 488  |         | Shim                    | 2   | Only available in kit            |
| 491  |         | Hex Socket Screw        | 2   | Only available in spare part kit |
| 492  |         | Hex Socket Screw        | 2   | Only available in spare part kit |
| 990  | 118800  | Expanding Plug          | 2   | Incl. in item 210                |
| 992  | 3782149 | Grease Fitting          | 1   | Incl. in item 210                |

## Kits F11-014 Saw Motor

| Part No | Title              | Info                       | Contain item                 |
|---------|--------------------|----------------------------|------------------------------|
| 3785038 | Sealing Kit type S |                            | 221, 222, 233, 236, 237      |
| 3721358 | Spare Part Kit     | Saw Motor                  | 121, 411, 431, 440, 491, 492 |
| 3786907 | Piston Ring Kit    | Ø 13,5 mm (60 pcs)         | 442                          |
| 3721346 | Shims Kit          | 0,6-0,8 mm (2 pcs of each) | 488                          |



| Item | Part No | Title                   | Qty | Remarks                          |
|------|---------|-------------------------|-----|----------------------------------|
| 61   | 3785641 | Hex Socket Plug         | 1   |                                  |
| 62   | 3785682 | Seal Washer             | 1   |                                  |
| 86   | 3785713 | Power Boost             | 1   |                                  |
| 110  | 3781821 | Barrel Housing Assy CW  | 1   | MUVR                             |
| 110  | 3784915 | Barrel Housing Assy CCW | 1   | MUVR                             |
| 121  | 3797880 | Valve Plate type S      | 1   |                                  |
| 130  | 3785226 | Hex Socket Plug Assy    | 1   |                                  |
| 155  | 3797289 | Chec Valve Cone         | 1   | Incl. in item 110                |
| 157  | 3797290 | Compression spring      | 1   | Incl. in item 110                |
| 160  | 3797292 | Hex Socket Plug Assy    | 1   | Incl. in item 110                |
| 165  | 3797291 | Hex Socket Plug Assy    | 1   | Incl. in item 110                |
| 168  | 3785228 | Hex Socket Plug Assy    | 1   | Incl. in item 110                |
| 210  | 3784910 | Bearing Housing Assy    | 1   |                                  |
| 237  |         | Retaining Ring          | 1   | Only available in seal kit       |
| 310  | 3797255 | Shaft Assy type X       | 1   | Require flat key                 |
| 321  | 909306  | Flat Key for X shaft    | 1   |                                  |
| 411  | 3702959 | Cylinder Barrel         | 1   |                                  |
| 431  | 72686   | Barrel Retaining Ring   | 1   |                                  |
| 440  | 3708658 | Piston Assy             | 5   |                                  |
| 452  | 3795833 | Ring Gear               | 1   |                                  |
| 460  | 3797156 | Tap Rol Bearing         | 1   |                                  |
| 464  | 3797201 | Spacer Ring             | 1   |                                  |
| 470  | 3797298 | Tap Rol Bearing         | 1   |                                  |
| 474  | 907025  | Lock Washer             | 2   |                                  |
| 475  | 3720564 | Round Nut               | 1   |                                  |
| 486  | 3797260 | Guide Spacer            | 1   |                                  |
| 488  |         | Shim                    | 2   | Only available in kit            |
| 491  |         | Hex Socket Screw        | 4   | Only available in spare part kit |
| 990  | 118800  | Expanding Plug          | 2   | Incl. in item 210                |
| 992  | 3782149 | Grease Fitting          | 1   | Incl. in item 210                |

## Kits F11-019 Saw Motor

| Part No | Title              | Info                       | Contain item            |
|---------|--------------------|----------------------------|-------------------------|
| 3783384 | Sealing Kit type S |                            | 221, 222, 233, 236, 237 |
| 3720898 | Sealing Kit type S | Flexiseal                  | 221, 222, 233, 236, 237 |
| 3721267 | Spare Part Kit     | Saw Motor                  | 121, 411, 431, 440, 491 |
| 3786908 | Piston Ring Kit    | Ø 15 mm (60 pcs)           | 442                     |
| 3721347 | Shims Kit          | 0,6-0,8 mm (2 pcs of each) | 488                     |

**Note!** 3720898 contains O-rings for both F11-019 and F12-030



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