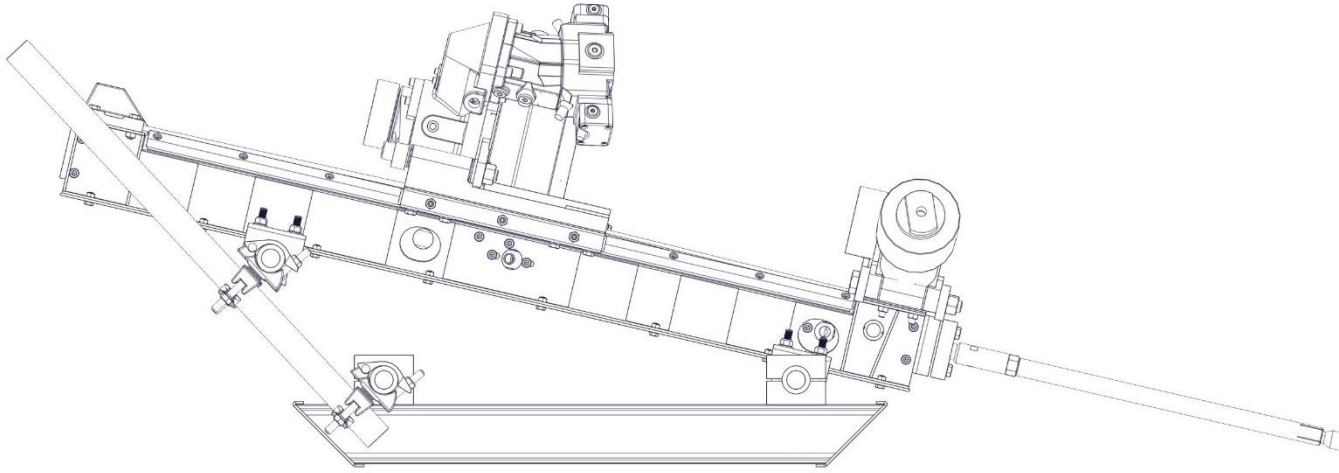


# C100 Diamond Core Drilling Machine



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## C100

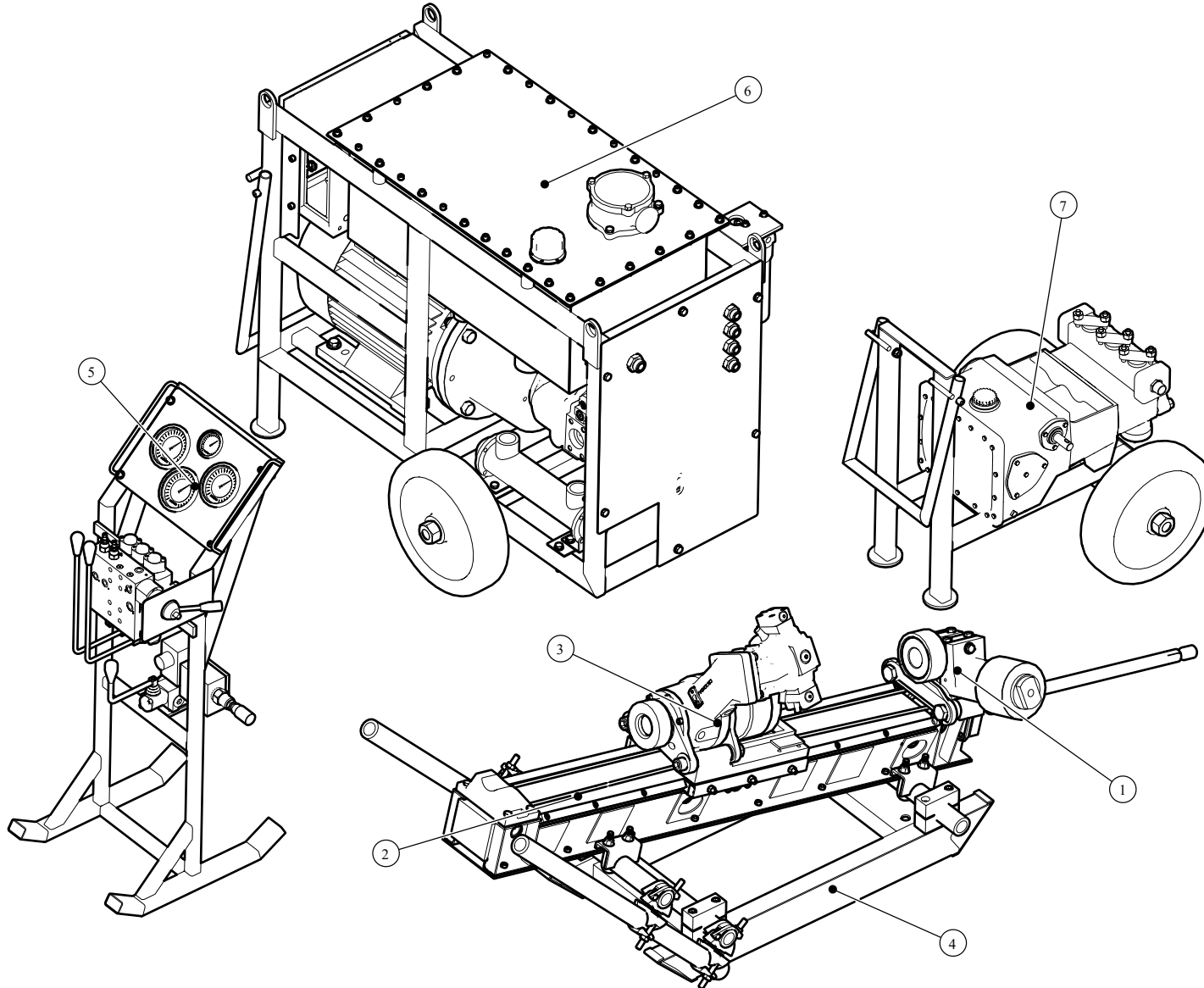
**Spare parts catalog**

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C100



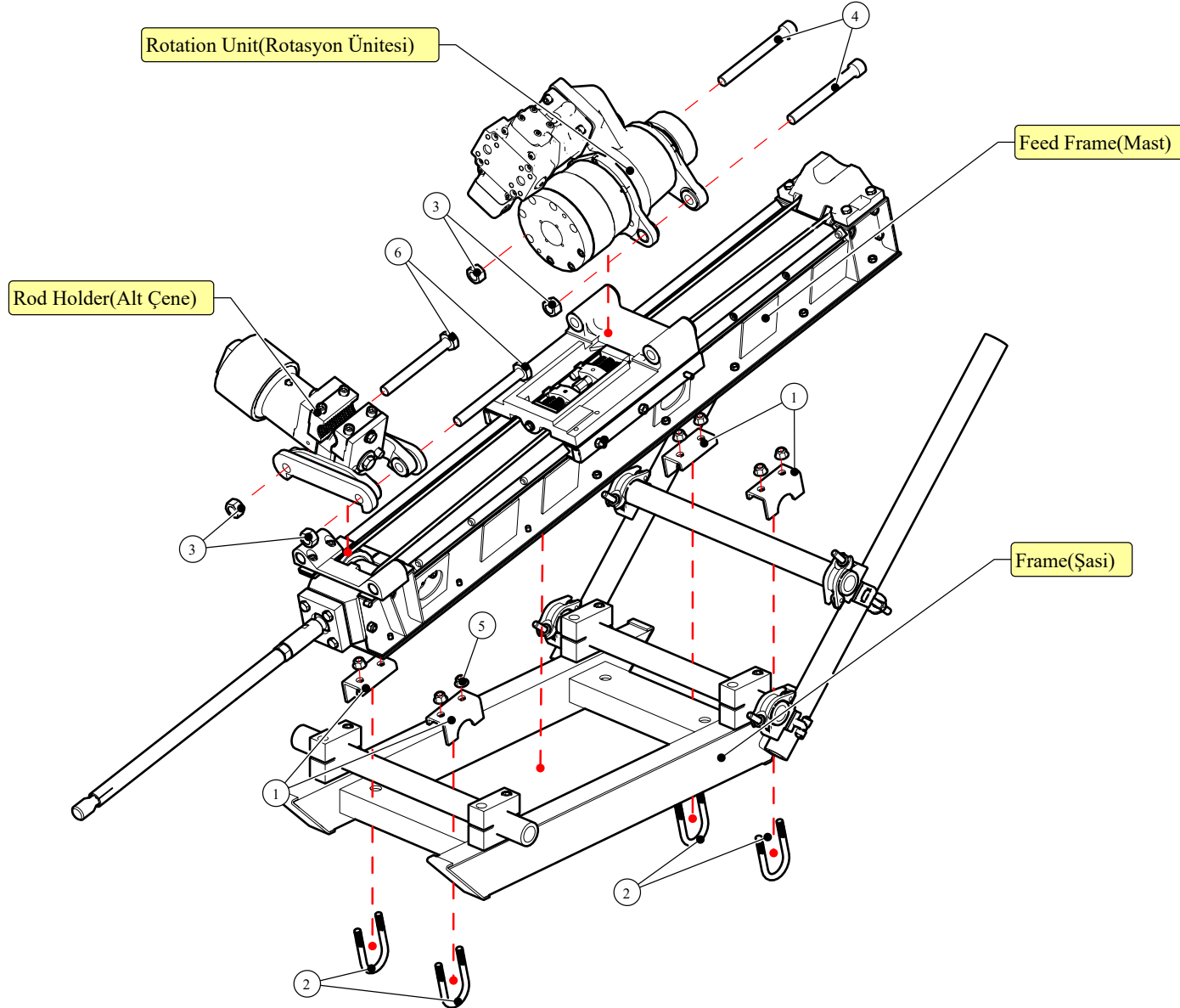
# C100



## C100

| No | Part Number   | Comp. Number | Description                         | QTY. |
|----|---------------|--------------|-------------------------------------|------|
| 1  | 08 0001 00 00 | 3716 0154 81 | Rod holder / Alt çene               | 1    |
| 2  | 08 0003 00 00 | 3716 0034 83 | Feed frame/Mast                     | 1    |
| 3  | 08 0006 00 00 | 3716 0248 82 | Rotation Unit / Rotasyon Ünitesi    | 1    |
| 4  | 08 0007 00 00 | 3716 0072 91 | Frame/Şasi                          | 1    |
| 5  | 08 0008 00 00 | 3716 0186 81 | Control panel/Kontrol paneli        | 1    |
| 6  | 08 0196 00 00 | -            | Power unit/Güç ünitesi              | 1    |
| 7  | 08 0198 00 00 | -            | Mud pump frame/Çamur pompası şasisi | 1    |

## C100 Main Body



# C100

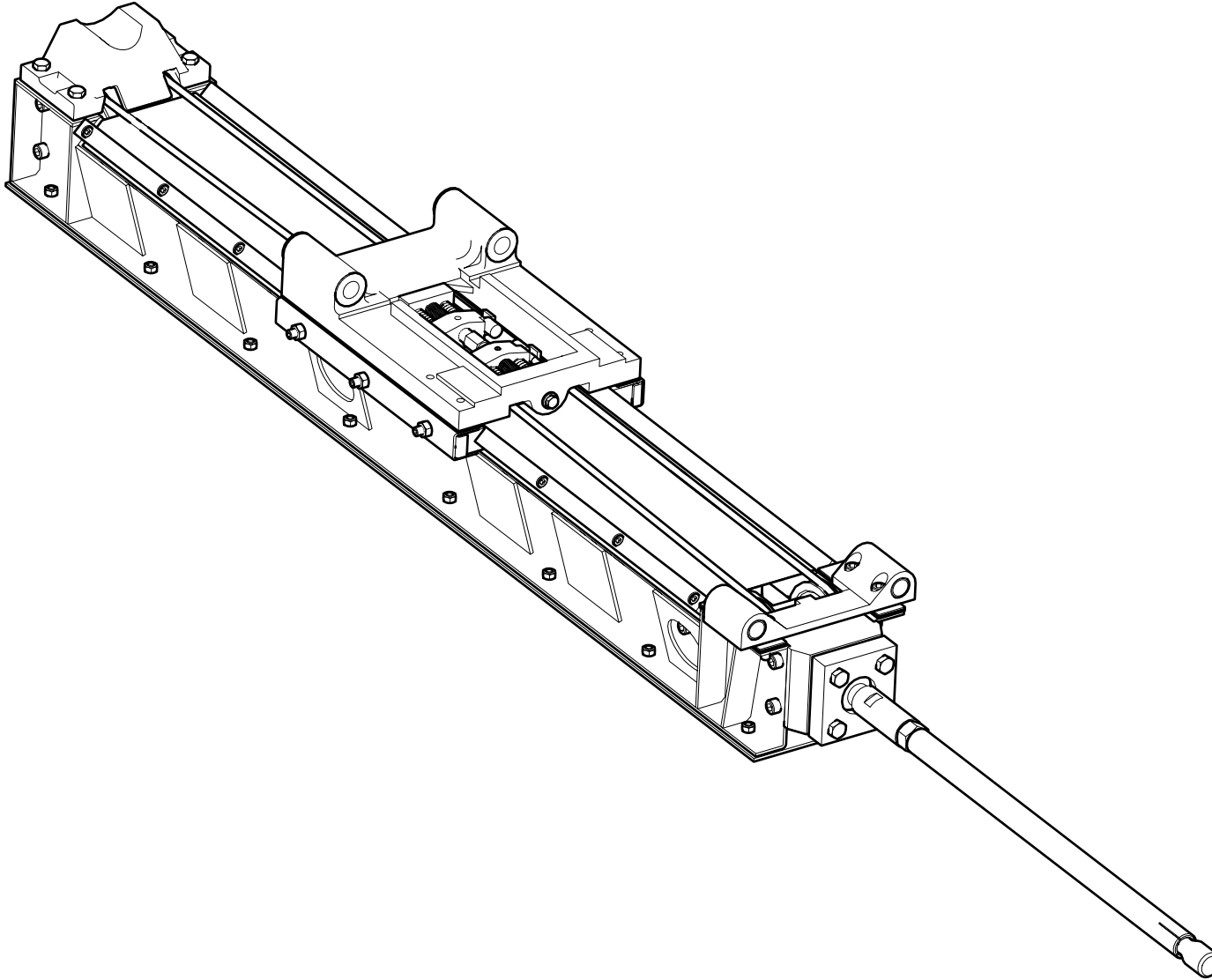


## C100 Main Body

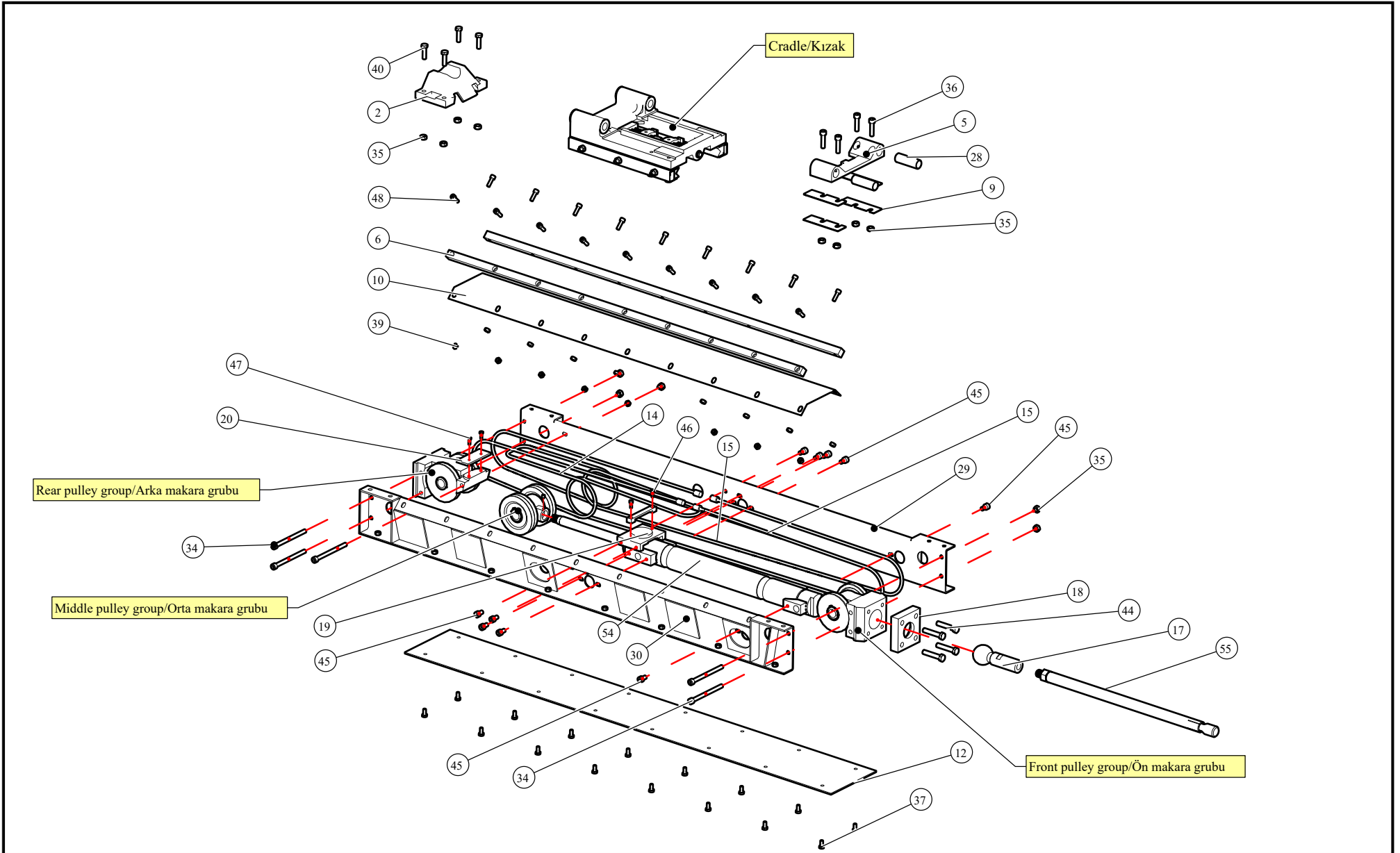
| No | Part Number   | Company Number | Description       | QTY. |
|----|---------------|----------------|-------------------|------|
| 1  | 01 0053 00 00 | 3716 0073 00   | Clamp / Kelepçe   | 4    |
| 2  | 01 0054 00 00 | 3716 0074 00   | U-bolt / U-civata | 4    |
| 3  | 04 0023 00 00 | 0291 1116 00   | Nut M20           | 4    |
| 4  | 04 0024 00 00 | 0211 1569 00   | Screw M20x180     | 2    |
| 5  | 04 0026 00 00 | -              | Flange Nut M12    | 8    |
| 6  | 04 0316 00 00 | -              | Screw M20x180     | 2    |

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3716 0034 83 / 08 0003 00 00 - Feed Frame / Mast

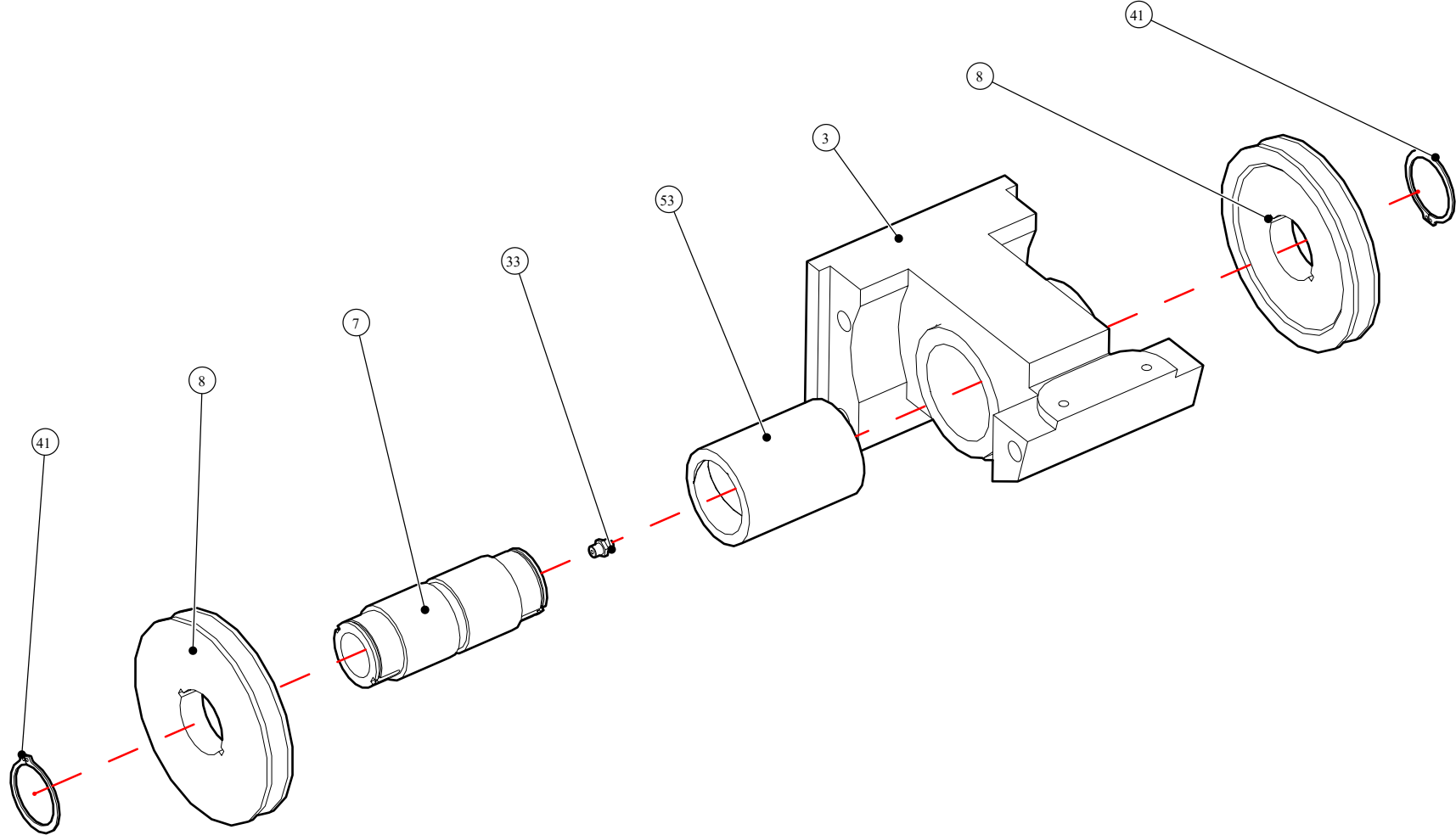


## 3716 0034 83 / 08 0003 00 00 - Feed Frame / Mast



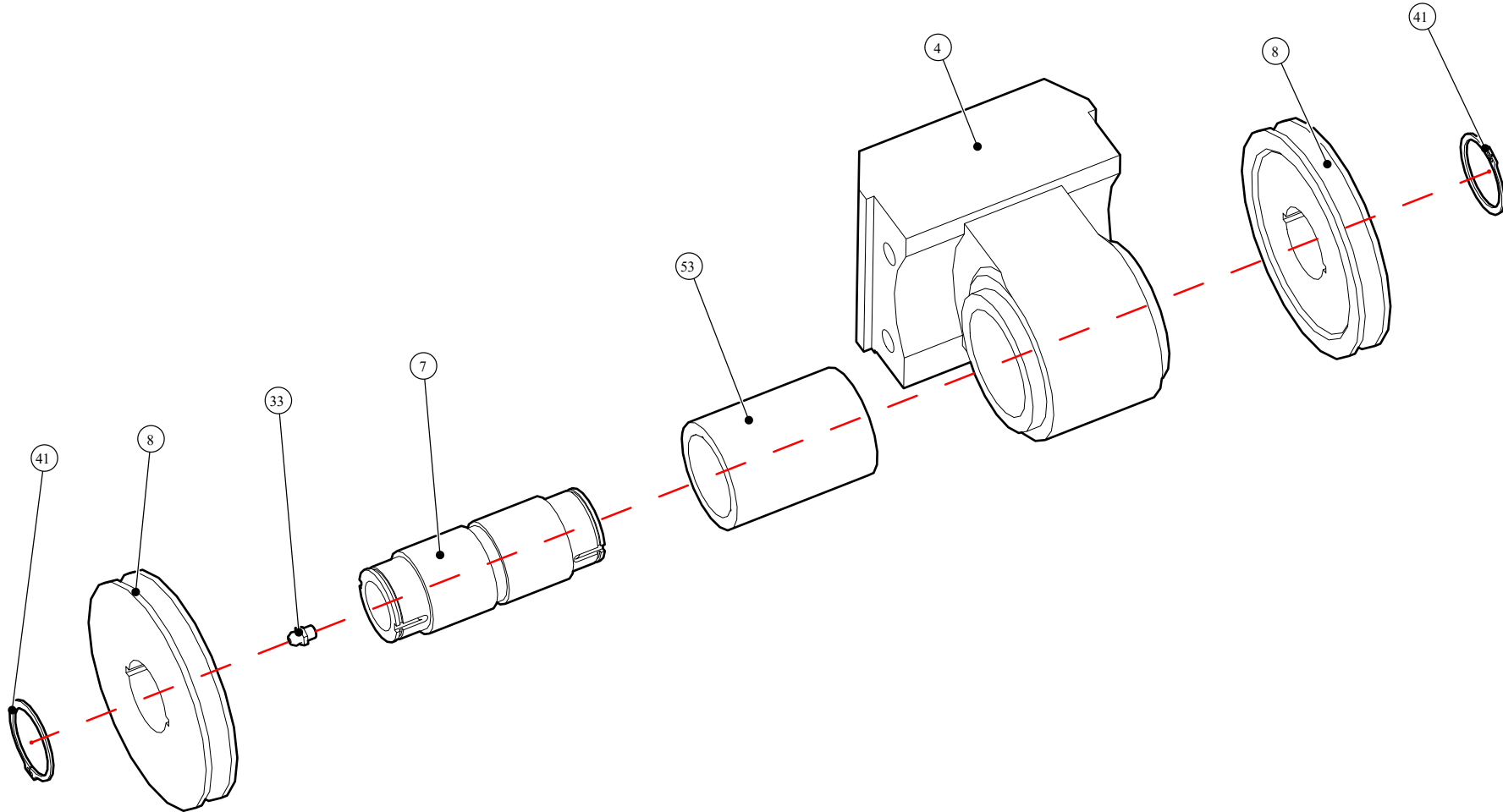
## 3716 0034 83 / 08 0003 00 00 - Feed Frame / Mast

## Rear pulley group/Arka makara grubu



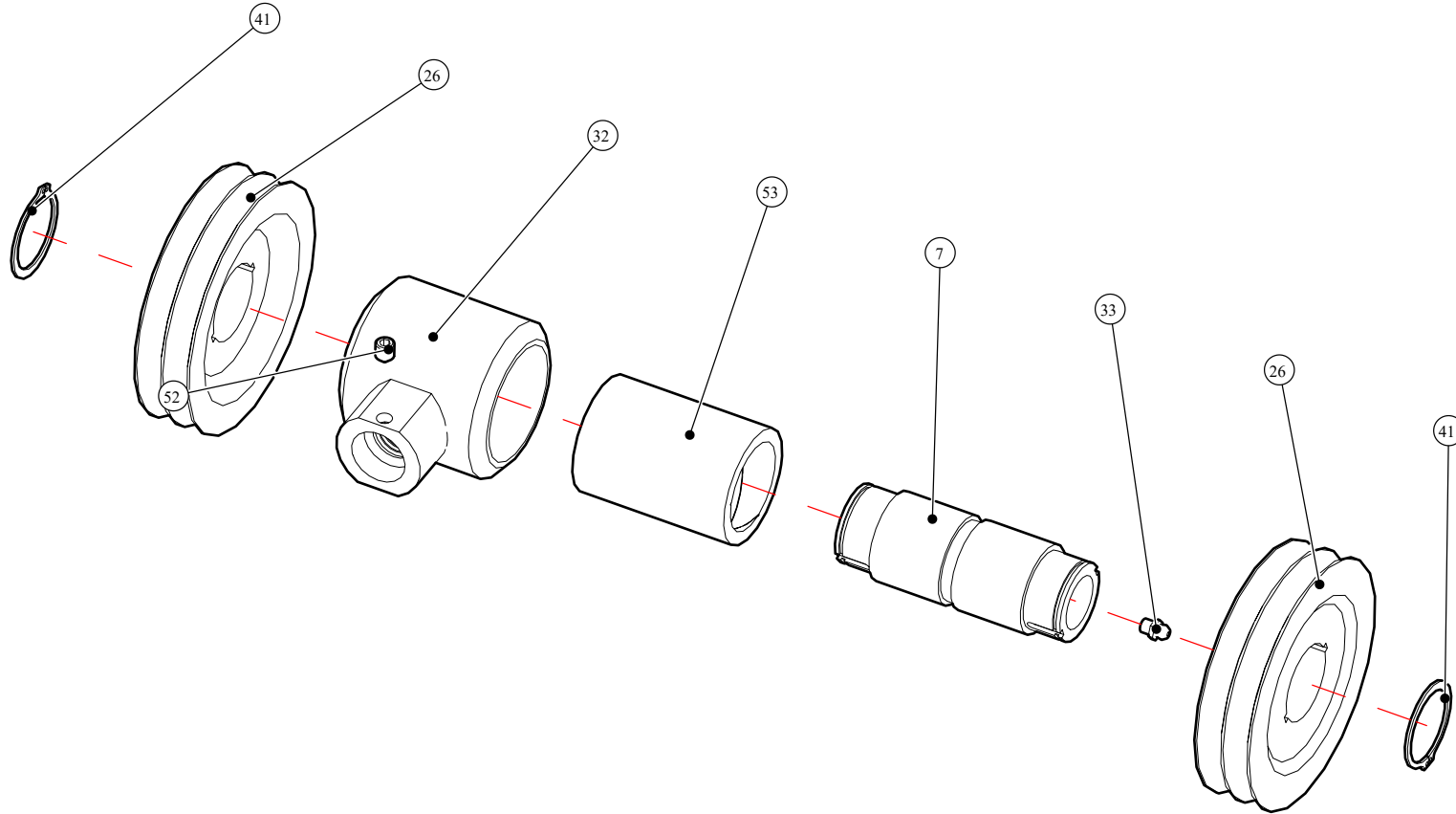
**3716 0034 83 / 08 0003 00 00 - Feed Frame / Mast**

Front pulley group/Ön makara grubu



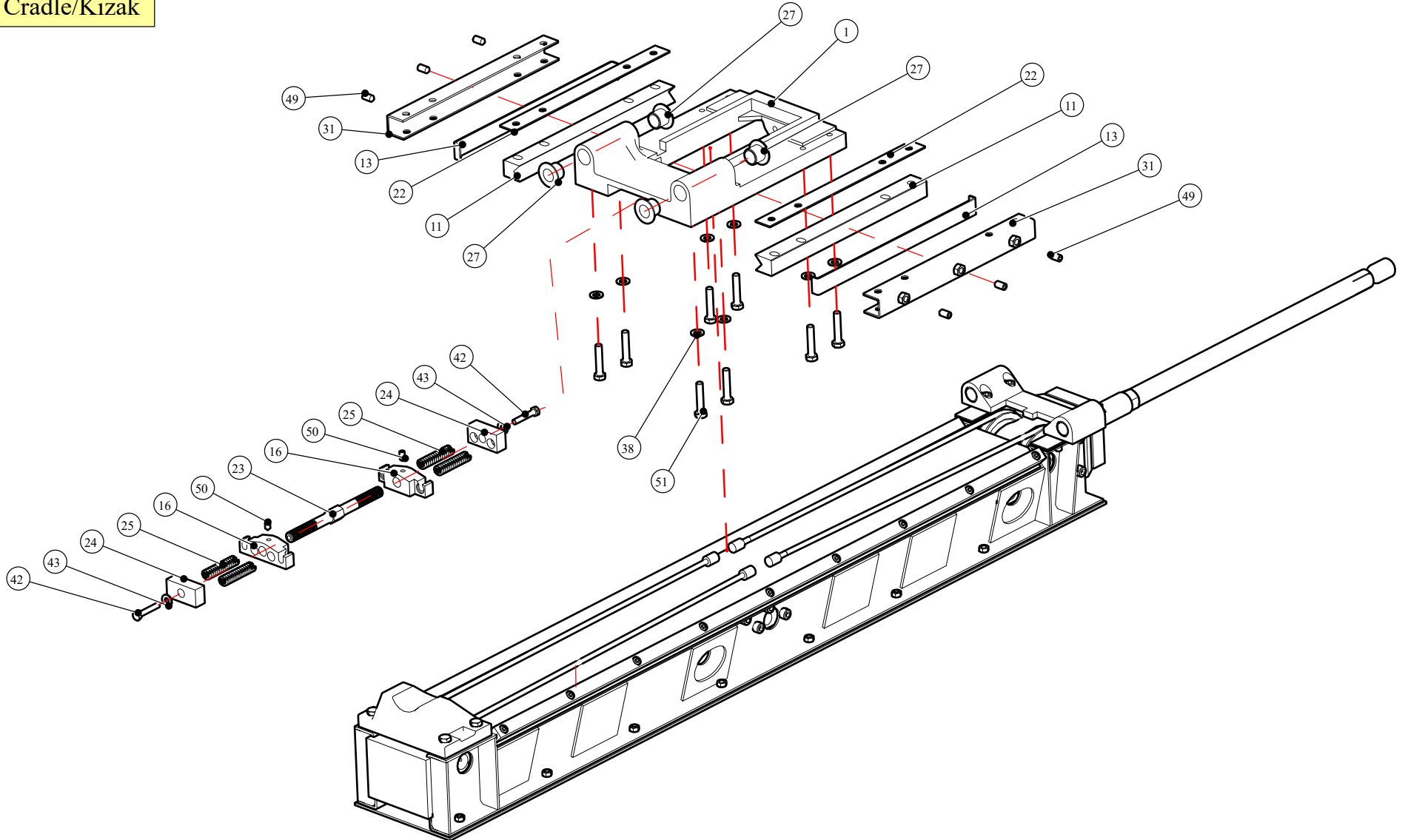
## 3716 0034 83 / 08 0003 00 00 - Feed Frame / Mast

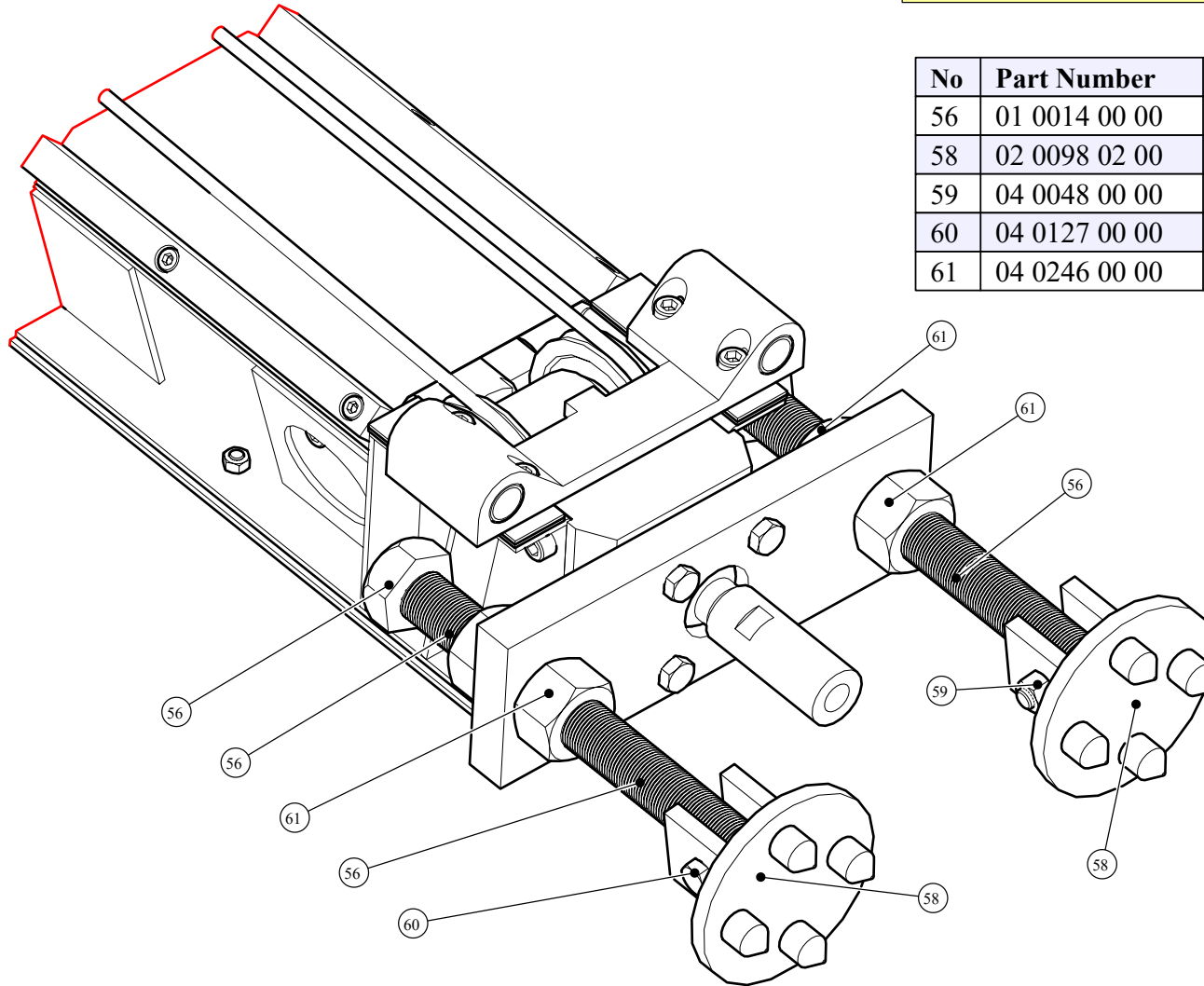
## Middle pulley group/Orta makara grubu



## 3716 0034 83 / 08 0003 00 00 - Feed Frame / Mast

Cradle/Kızak



**3716 0034 83 / 08 0003 00 00 - Feed Frame / Mast**
**3715 0142 80/08 0110 00 00 - Bracket wit claw /Tırnaklı dayama**


| No | Part Number   | Comp. Number | Description          | QTY. |
|----|---------------|--------------|----------------------|------|
| 56 | 01 0014 00 00 | -            | Screw / Delikli vida | 2    |
| 58 | 02 0098 02 00 | -            | Claw/Tırnaklı ayak   | 2    |
| 59 | 04 0048 00 00 | 0266 2112 00 | M12 Nut              | 2    |
| 60 | 04 0127 00 00 | 0147 1408 03 | Screw AKB M12 x 65   | 2    |
| 61 | 04 0246 00 00 | -            | M30 Nut              | 4    |

**3716 0034 83 / 08 0003 00 00 - Feed Frame / Mast**

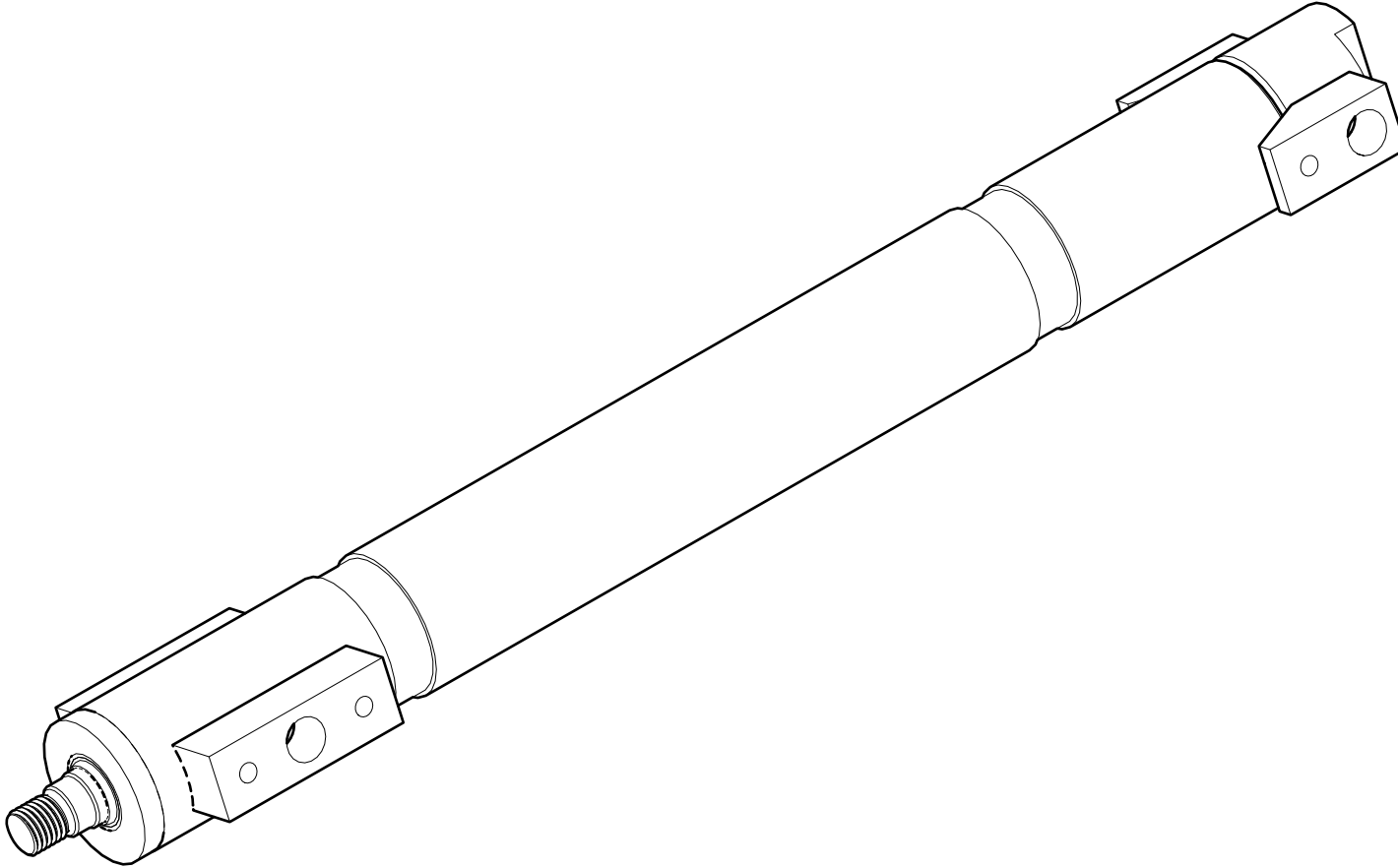
| No | Part Number   | Comp. Number               | Description                            | QTY. |
|----|---------------|----------------------------|----------------------------------------|------|
| 1  | 01 0001 00 00 | 3716 0369 00               | Cradle / Kızak                         | 1    |
| 2  | 01 0002 00 00 | 3716 0370 00               | Cover / Kapak                          | 1    |
| 3  | 01 0003 00 00 | 3716 0371 00               | End piece / Uç parçası                 | 1    |
| 4  | 01 0005 00 00 | 3716 0372 00               | End piece / Uç parçası                 | 1    |
| 5  | 01 0006 00 00 | 3716 0366 00               | Rod holder bracket / Alt çene dayaması | 1    |
| 6  | 01 0007 00 00 | 3716 0063 00               | Guide bar / Dengeleyici bar            | 2    |
| 7  | 01 0008 00 00 | 3716 0277 00-3716 0278 00  | Shaft / Mil                            | 3    |
| 8  | 01 0009 00 00 | 3716 0275 00               | Wheel / Tekli makara                   | 4    |
| 9  | 01 0010 00 00 | 3716 0158 00               | Shim / Şim                             | 4    |
| 10 | 01 0011 00 00 | 3716 0373 00               | Cover plate / Üst sac plaka            | 1    |
| 11 | 01 0013 00 00 | 3716 1004 00               | Guide shoe / Dengeleyici pabuç         | 2    |
| 12 | 01 0015 00 00 | 3716 0374 00               | Cover plate / Alt sac                  | 1    |
| 13 | 01 0016 00 00 | 3716 1003 00               | Plate / Kızak kanalı sacı              | 2    |
| 14 | 01 0017 00 00 | 3716 0271 00               | Wire / Halat                           | 1    |
| 15 | 01 0018 00 00 | 3716 0270 00               | Wire / Halat                           | 1    |
| 16 | 01 0019 00 00 | 3716 0043 00               | Wire bracket / Halat tutucu            | 2    |
| 17 | 01 0020 00 00 | 3716 0189 00               | Ball joint / Küresel mafsall           | 1    |
| 18 | 01 0021 00 00 | 3715 0110 00               | Flange / Başlık                        | 1    |
| 19 | 01 0022 00 00 | 3716 0171 00               | Wire attachment / Halat tutucu         | 1    |
| 20 | 01 0023 00 00 | 3716 0301 00               | Plate / Plaka                          | 1    |
| 21 | 01 0024 00 00 | 3716 0238 00               | Lock clamp / Halat kısılacı            | 1    |
| 22 | 01 0026 00 00 | 3716 0385 00               | Shim / Şim                             | 2    |
| 23 | 01 0049 00 00 | 3716 0055 00               | Tightening screw / Sıkıştırma vidası   | 1    |
| 24 | 01 0050 00 00 | 3716 0048 00 -3716 0044 00 | Wirestretcher / Halat sıkıştırma       | 2    |
| 25 | 01 0075 00 00 | 3716 0059 00               | Spring / Yay                           | 4    |
| 26 | 01 0563 00 00 | -                          | Wheel / Çiftli makara                  | 2    |
| 27 | 01 0772 00 00 | -                          | Bushing / Burç                         | 4    |
| 28 | 01 0773 00 00 | -                          | Bushing / Burç                         | 2    |
| 29 | 02 0001 00 00 | 3716 0037 00               | Feed beam / Kaynaklı Şaşı              | 1    |
| 30 | 02 0001 00 00 | 3716 0037 00               | Feed beam / Kaynaklı Şaşı              | 1    |

## 3716 0034 83 / 08 0003 00 00 - Feed Frame / Mast

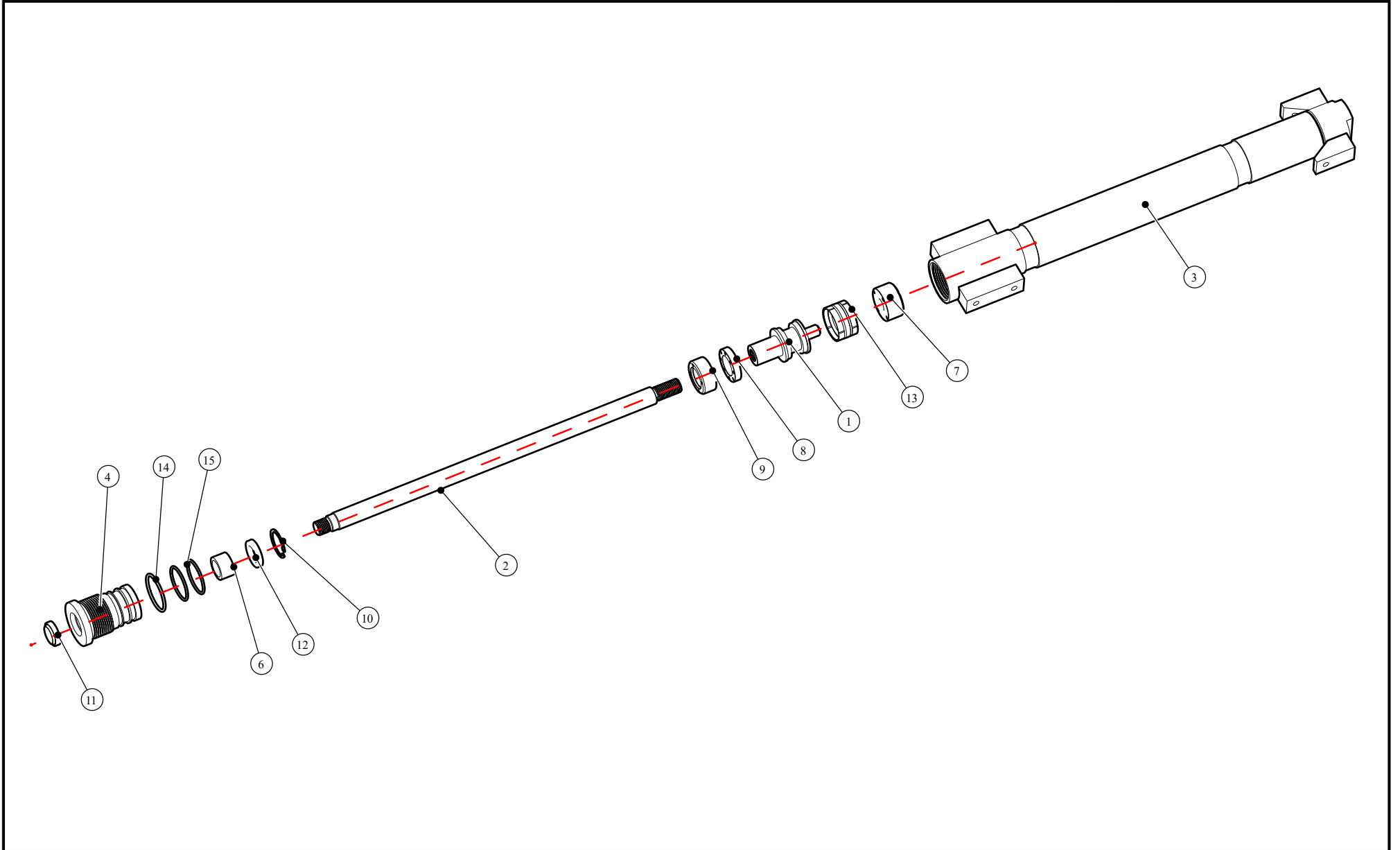
| No | Part Number   | Comp. Number | Description                            | QTY. |
|----|---------------|--------------|----------------------------------------|------|
| 31 | 02 0099 00 00 | 3716 1005 00 | Channel / Kızak Kanalı                 | 2    |
| 32 | 02 0102 00 00 | 3616 0279 00 | Yoke / Mafsal                          | 1    |
| 33 | 03 0002 00 00 | 0544 2106 00 | Grease Nipple M6x1                     | 3    |
| 34 | 04 0001 00 00 | 0211 1381 00 | Screw SB M10x130                       | 5    |
| 35 | 04 0002 00 00 | 0291 1111 00 | M10 Nut                                | 13   |
| 36 | 04 0003 00 00 | 0211 1365 00 | Screw SB M10x40                        | 4    |
| 37 | 04 0004 00 00 | 0147 1322 03 | Screw AKB M8x14-16                     | 16   |
| 38 | 04 0005 00 00 | 0301 2344 00 | M10 Washer                             | 8    |
| 39 | 04 0007 00 00 | 0291 1110 00 | M8 Nut                                 | 34   |
| 40 | 04 0008 00 00 | 0211 1364 00 | Screw AKB M10x35                       | 4    |
| 41 | 04 0009 00 00 | 0335 1140 00 | Circlip SgA40                          | 6    |
| 42 | 04 0010 00 00 | 0211 1329 00 | Screw AKB M8x45                        | 2    |
| 43 | 04 0011 00 00 | 3716 0047 00 | M8 Washer                              | 2    |
| 44 | 04 0012 00 00 | 0147 1407 03 | Screw AKB M12x60                       | 4    |
| 45 | 04 0013 00 00 | 0211 1359 00 | Screw SB M10x16                        | 10   |
| 46 | 04 0014 00 00 | 0211 1246 00 | Screw SB M6x16                         | 2    |
| 47 | 04 0015 00 00 | 0147 1246 03 | Screw AKB M6x16                        | 2    |
| 48 | 04 0019 00 00 | 0211 1325 00 | Screw SB M8x25                         | 18   |
| 49 | 04 0034 00 00 | 0190 1360 00 | Set screw M10x20                       | 6    |
| 50 | 04 0035 00 00 | 0196 1322 00 | Set Screw M8x16                        | 2    |
| 51 | 04 0036 00 00 | 0147 1367 03 | Screw AKB M10x50                       | 8    |
| 52 | 04 0094 00 00 | 0196 1319 00 | Set Screw M8x10                        | 1    |
| 53 | 06 0001 01 00 | 3716 1857 00 | Lubricating bronze / Yağlama bronzu    | 3    |
| 54 | 08 0004 00 00 | 3716 0168 00 | Hydraulic cylinder / Hidrolik silindir | 1    |
| 55 | 08 0111 00 00 | 3716 0274 00 | Expansion bolt/Genişleme Civatası      | 1    |

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3716 0168 00/08 0004 00 00 - Hydraulic cylinder / Hidrolik silindir



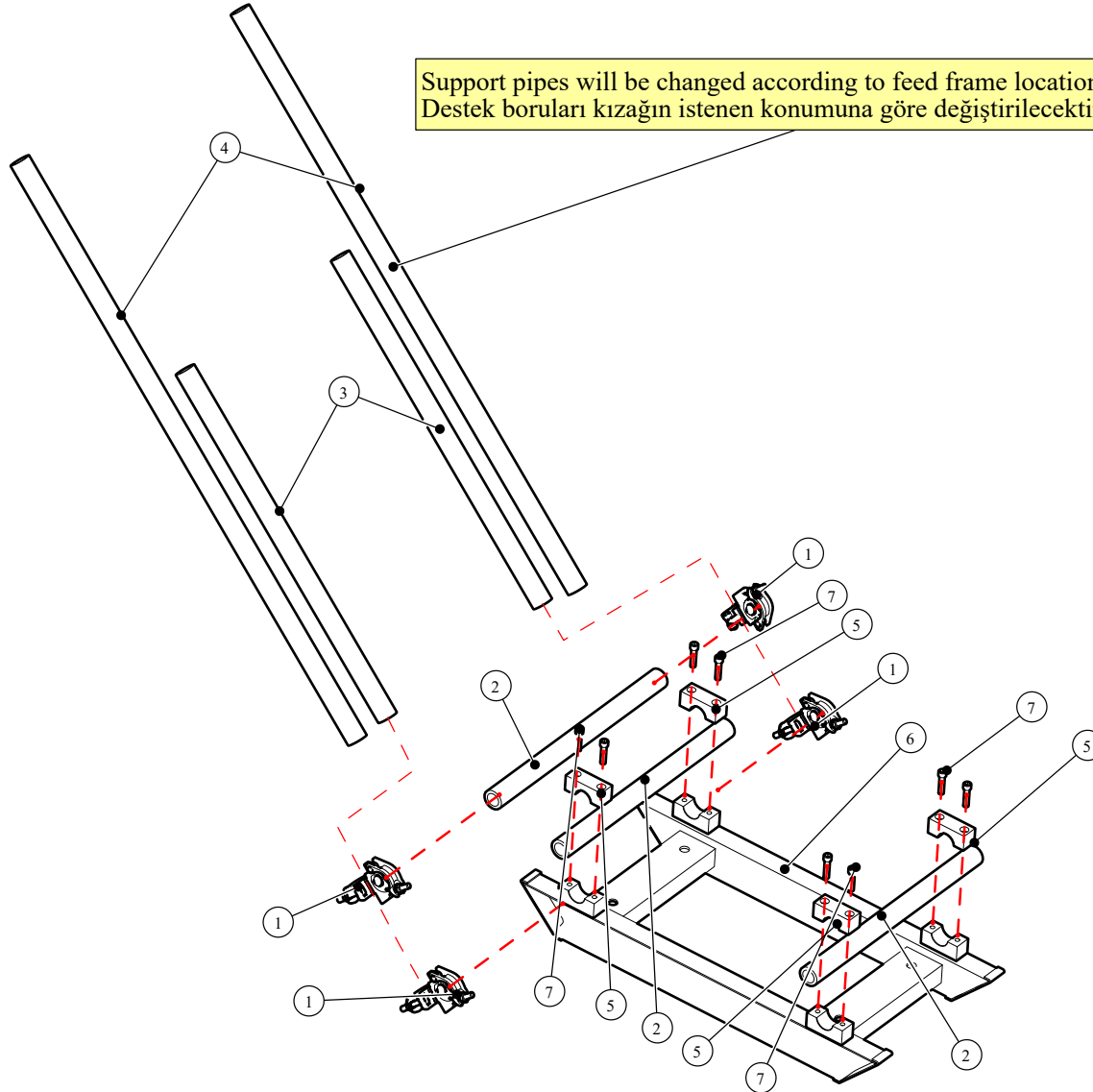
3716 0168 00/08 0004 00 00 - Hydraulic cylinder / Hidrolik silindir



**3716 0168 00/08 0004 00 00 - Hydraulic cylinder / Hidrolik silindir**

| No | Part Number   | Comp. Number | Description                               | QTY. |
|----|---------------|--------------|-------------------------------------------|------|
| 1  | 01 0666 00 00 | -            | Piston                                    | 1    |
| 2  | 01 0667 00 00 | -            | Piston rod                                | 1    |
| 3  | 01 0765 00 00 | -            | Housing / Kovan                           | 1    |
| 4  | 01 0766 00 00 | -            | Cylinder front cover / Silindir ön kapak  | 1    |
| 5  | 01 0767 00 00 | -            | Cylinder back cover / Silindir arka kapak | 1    |
| 6  | 01 1151 00 00 | -            | Bushing/Burç                              | 1    |
| 7  | 01 1152 00 00 | -            | Spacer/Ara parça                          | 1    |
| 8  | 01 1153 00 00 | -            | Spacer/Ara parça                          | 1    |
| 9  | 01 1154 00 00 | -            | Spacer/Ara parça                          | 1    |
| 10 | 04 0455 00 00 | -            | Circlip/Segman SGH40                      | 1    |
| 11 | 05 0280 00 00 | -            | Wiper-Toz keçesi K07-025                  | 1    |
| 12 | 05 0281 00 00 | -            | Seal-K21-025_20                           | 1    |
| 13 | 05 0282 00 00 | -            | Piston Seal-K18 050-034_1                 | 1    |
| 14 | 05 0283 00 00 | -            | Oring Ø50x3,53                            | 1    |
| 15 | 05 0284 00 00 | -            | Oring Ø44x3                               | 2    |

## 3716 0072 91 / 08 0007 00 00 - Frame / Şasi

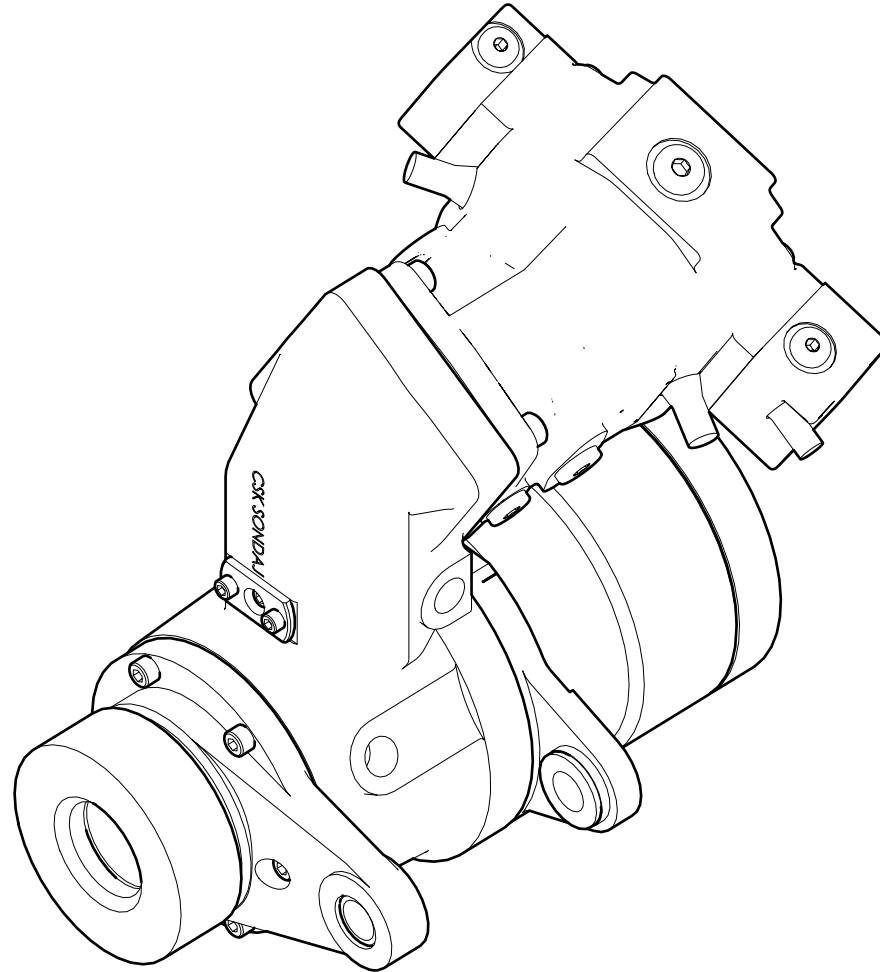


## 3716 0072 91 / 08 0007 00 00 - Frame / Şasi

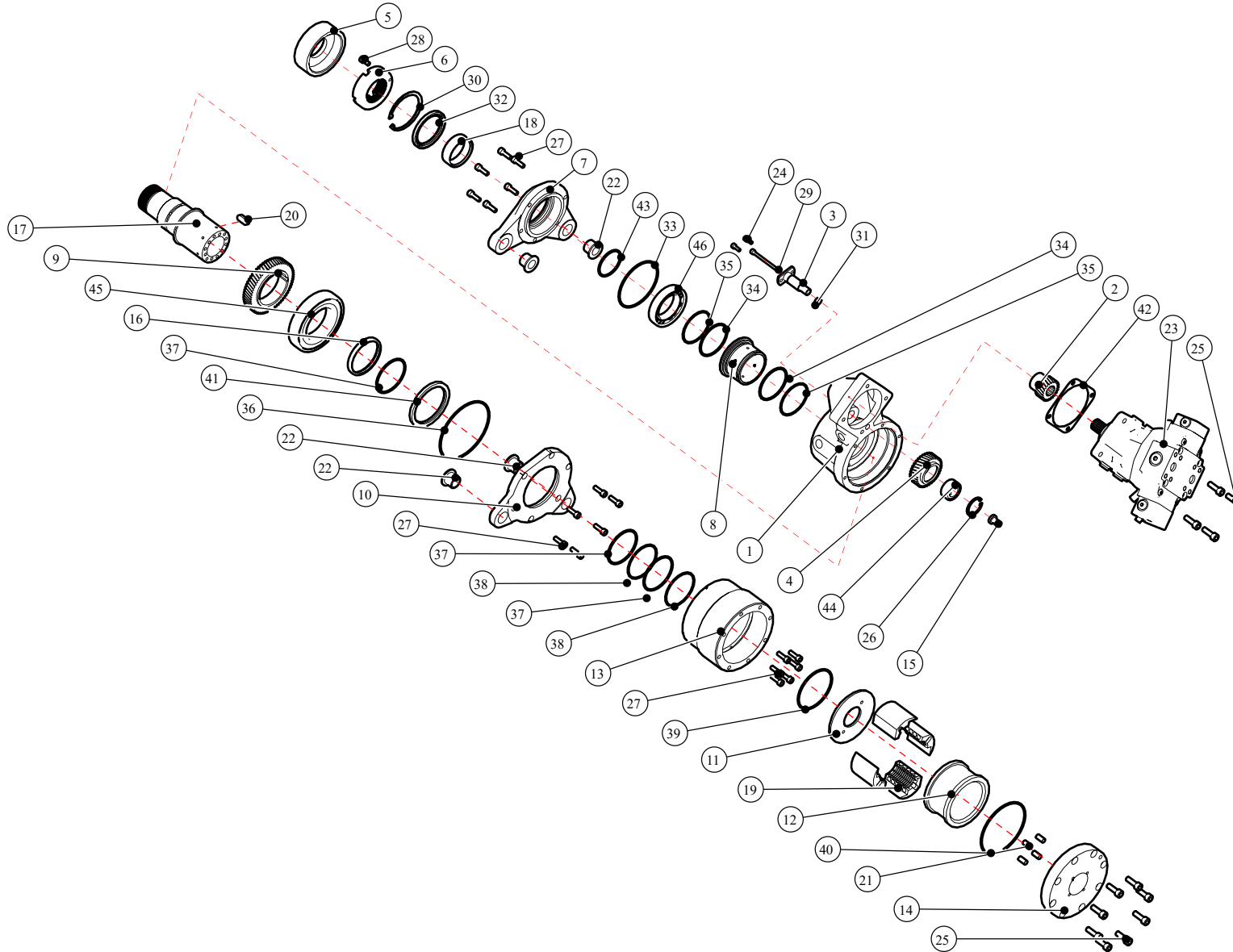
| No | Part Number   | Comp. Number | Description                          | QTY. |
|----|---------------|--------------|--------------------------------------|------|
| 1  | 01 0004 00 00 | -            | Clamp 49x49                          | 4    |
| 2  | 01 0084 00 00 | 3716 0375 00 | Support / Destek                     | 3    |
| 3  | 01 0085 00 00 | 3716 0376 00 | Support / Destek                     | 2    |
| 4  | 01 0086 00 00 | 3716 0377 00 | Support / Destek                     | 2    |
| 5  | 01 0784 00 00 | -            | Clamp upper part / Kelepçe üst parça | 4    |
| 6  | 02 0003 00 00 | -            | Frame / Şasi                         | 1    |
| 7  | 04 0060 00 00 | 0211 1405 00 | Screw SB M12x50                      | 8    |

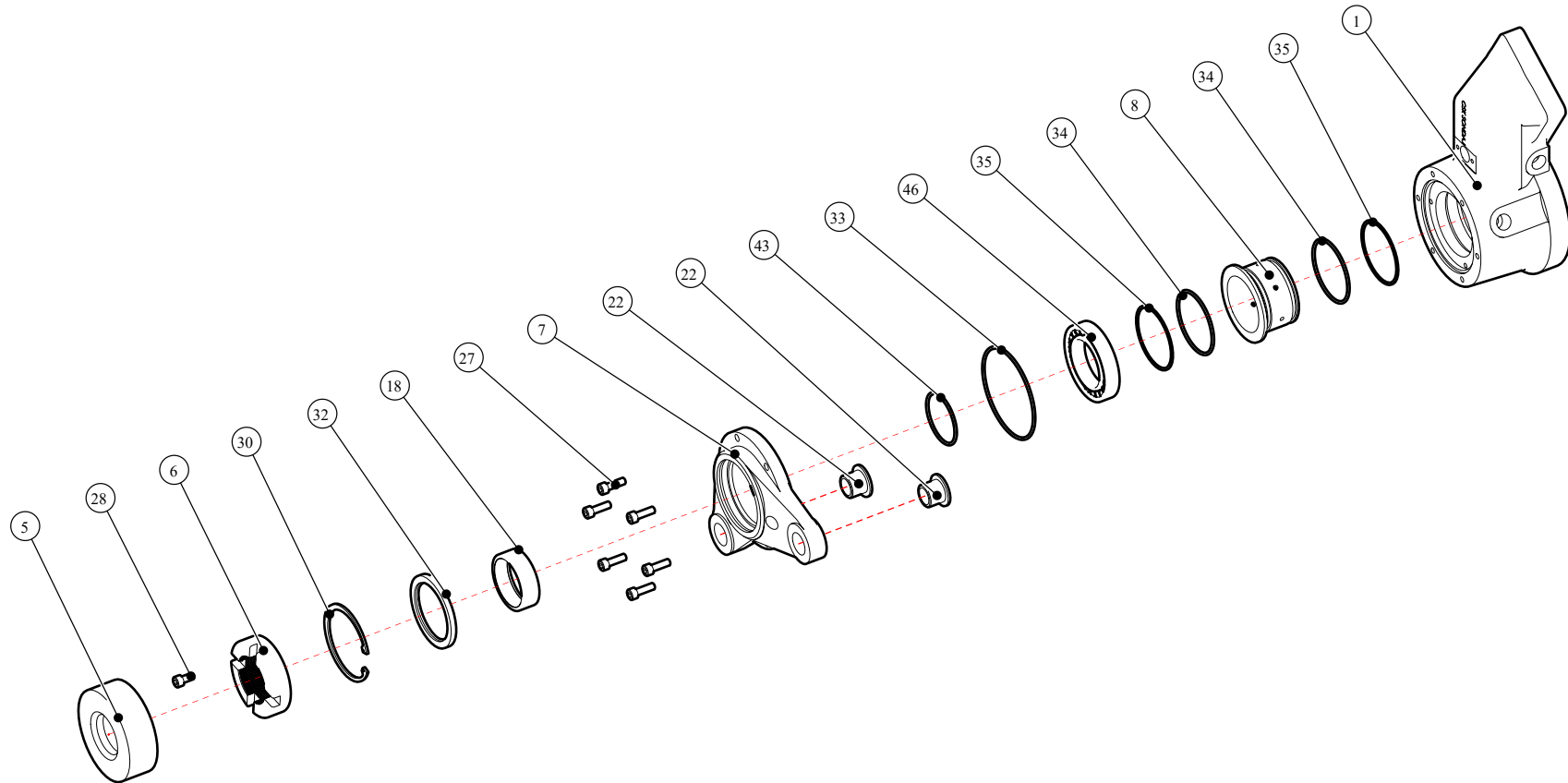
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3716 0248 82/08 0006 00 00 - Rotation Unit/Rotasyon Ünitesi

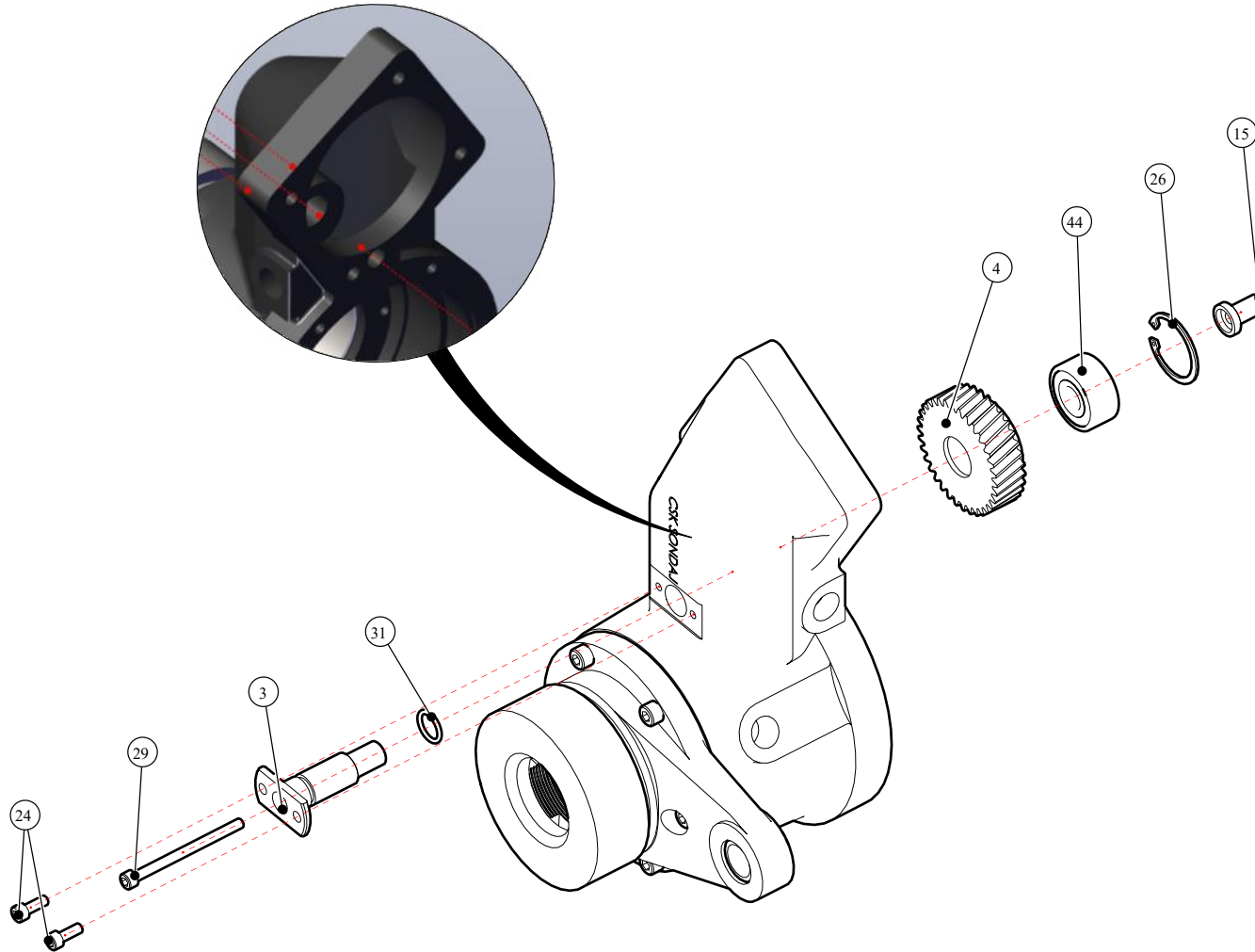


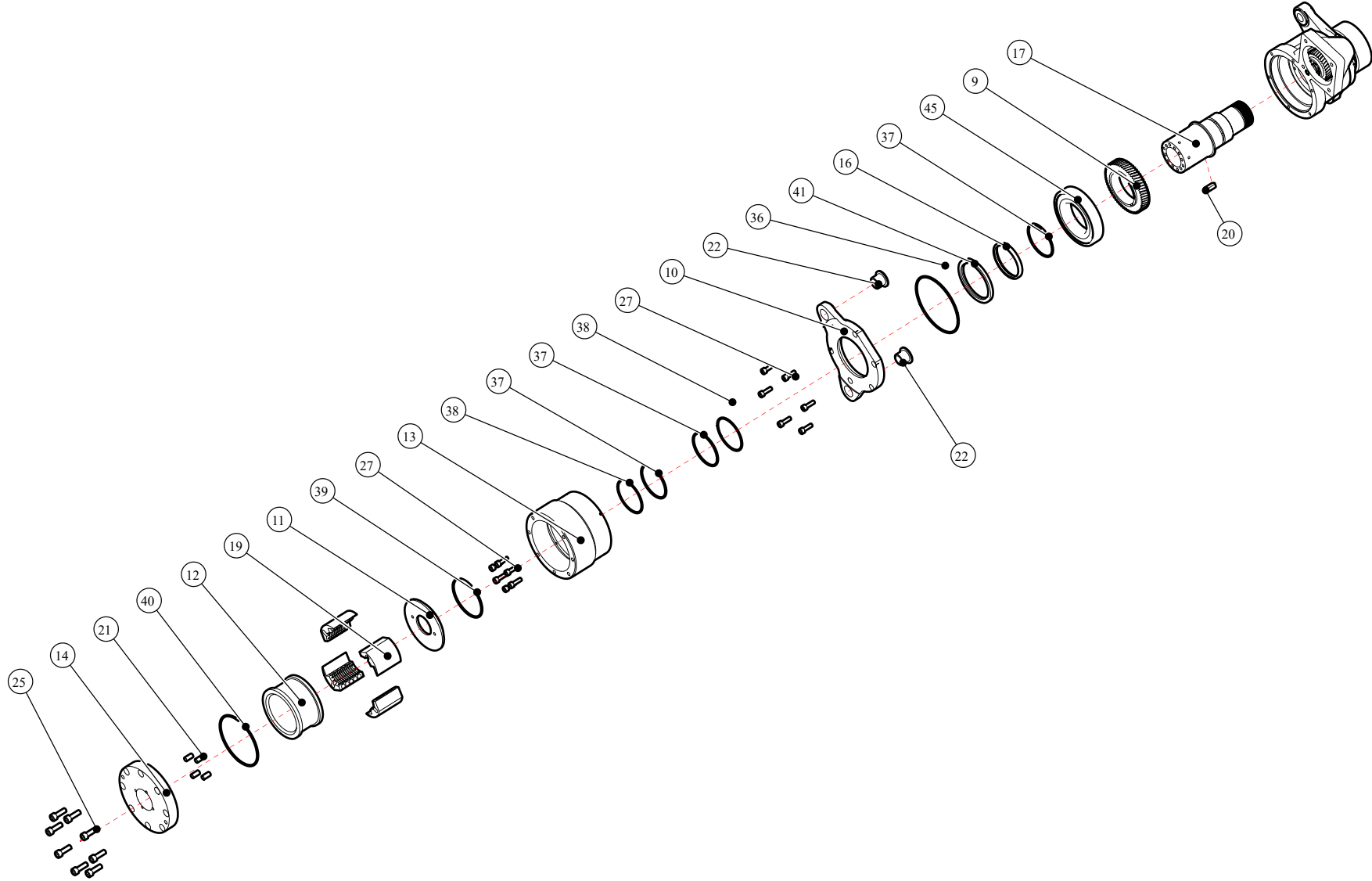
## 3716 0248 82/08 0006 00 00 - Rotation Unit/Rotasyon Ünitesi



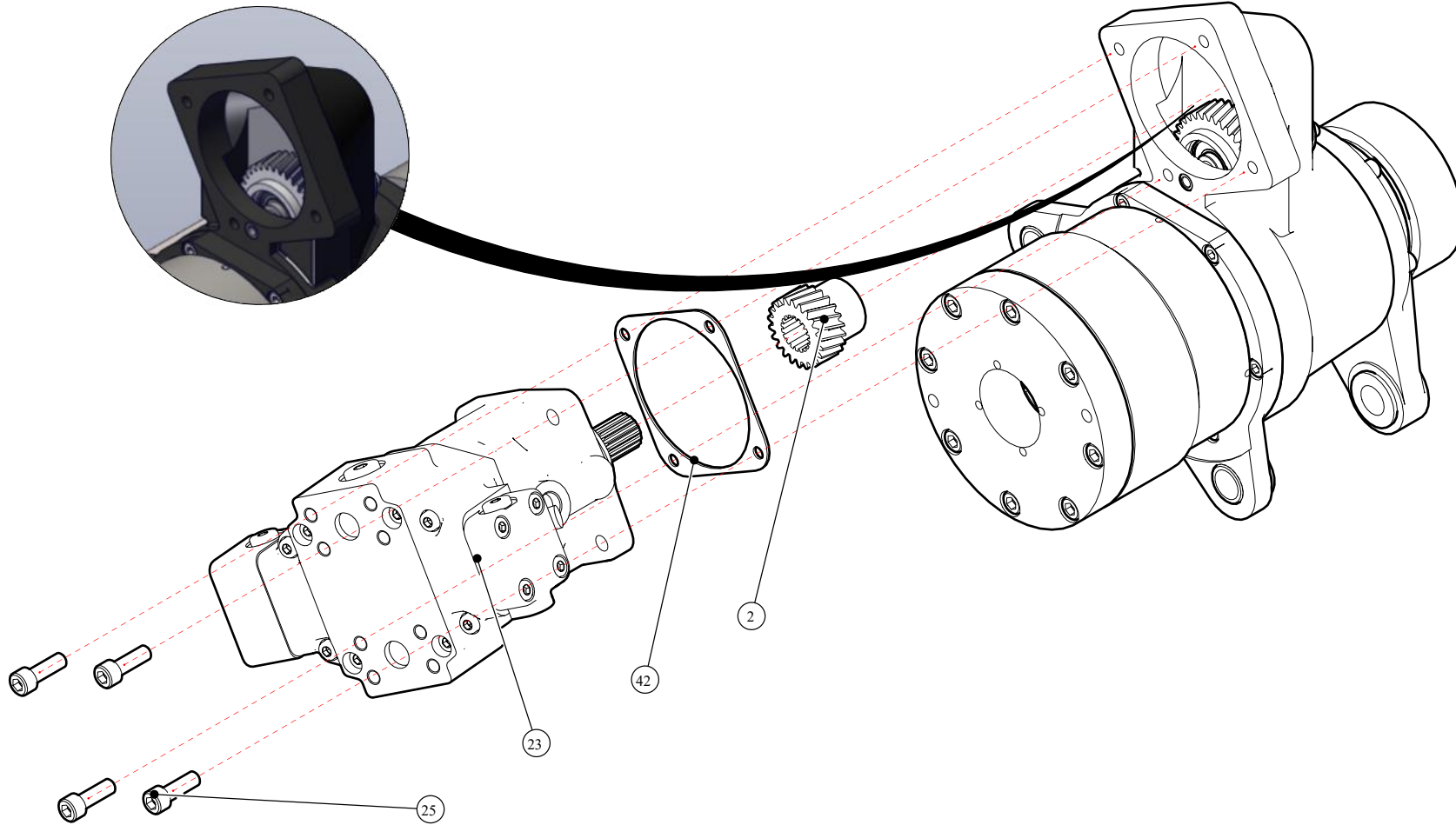
**3716 0248 82/08 0006 00 00 - Rotation Unit/Rotasyon Ünitesi**

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## 3716 0248 82/08 0006 00 00 - Rotation Unit/Rotasyon Ünitesi



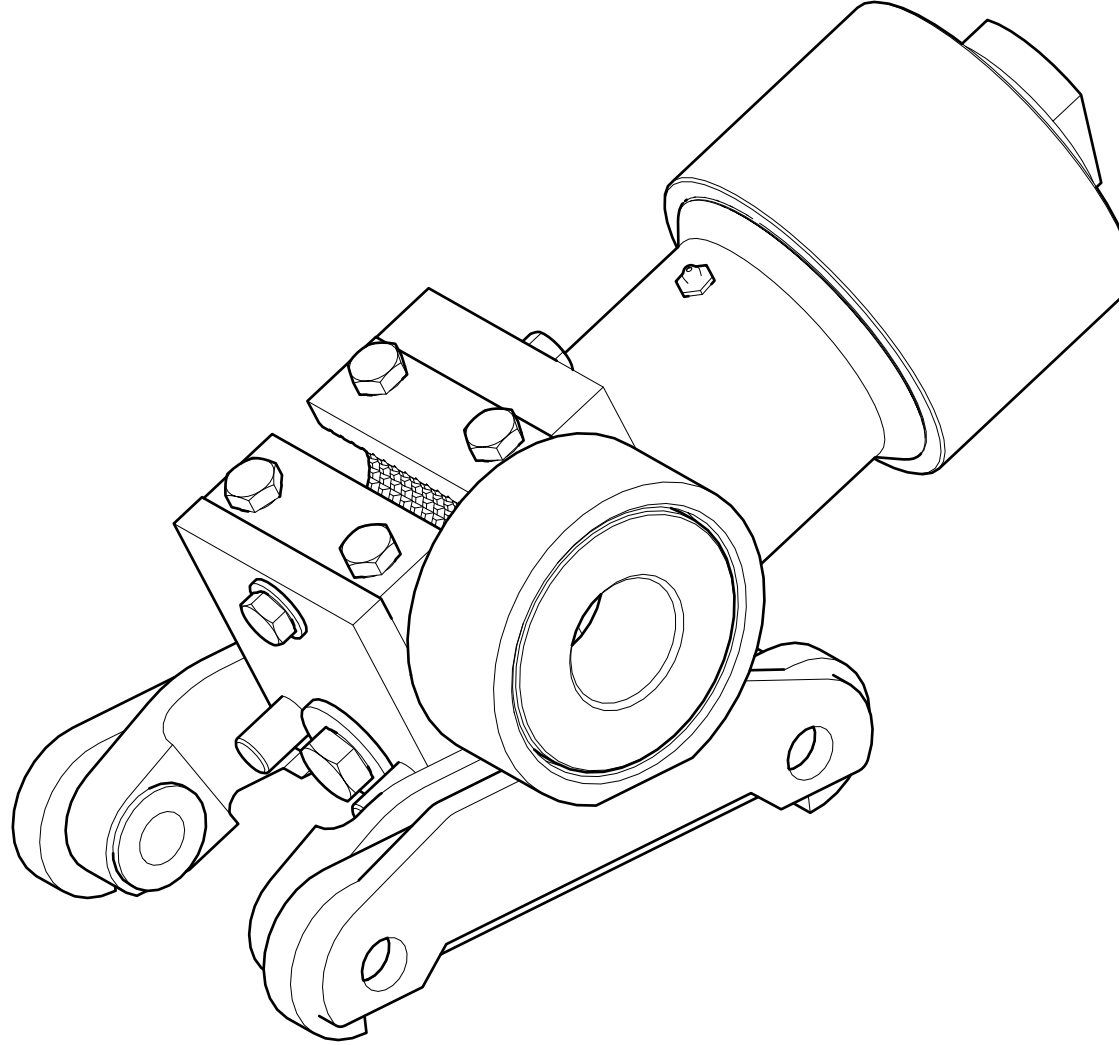
**3716 0248 82/08 0006 00 00 - Rotation Unit/Rotasyon Ünitesi**

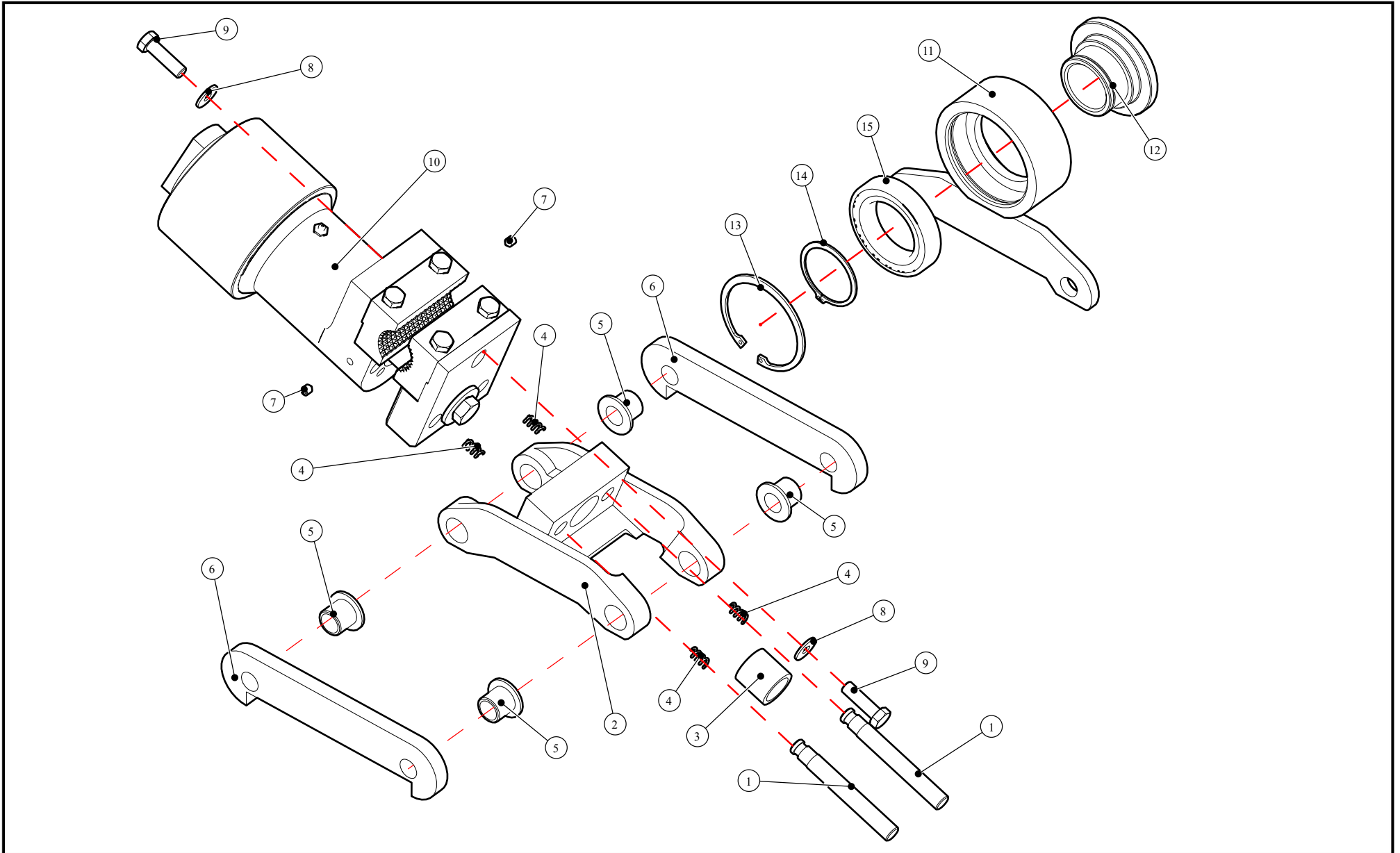
| No | Part Number   | Company Number | Description                       | QTY. |
|----|---------------|----------------|-----------------------------------|------|
| 1  | 01 0027 00 00 | 3716 0379 00   | Gear box / Dişli kutusu           | 1    |
| 2  | 01 0028 00 01 | 3716 0249 00   | Pinion / Pinyon Dişli             | 1    |
| 3  | 01 0029 00 00 | 3716 0251 00   | Shaft / Mil                       | 1    |
| 4  | 01 0030 00 01 | 3716 0250 00   | Intermediate pinion / Avare dişli | 1    |
| 5  | 01 0031 00 00 | 3716 0164 00   | Cap / Başlık                      | 1    |
| 6  | 01 0032 00 00 | 3716 0008 00   | Top nut / Kilitleme somunu        | 1    |
| 7  | 01 0033 00 00 | 3716 0367 00   | Top cover / Üst Kapak             | 1    |
| 8  | 01 0034 00 00 | 3716 0012 00   | Distributor / Distributor yüzüğü  | 1    |
| 9  | 01 0035 00 00 | 3716 0006 00   | Gear wheel / Dişli çark           | 1    |
| 10 | 01 0036 00 00 | 3716 0368 00   | Bottom cover / Alt kapak          | 1    |
| 11 | 01 0037 00 00 | 3716 0262 00   | Wear plate / Aşınma plakası       | 1    |
| 12 | 01 0038 00 00 | 3716 0022 00   | Rubber muff / Kauçuk muf          | 1    |
| 13 | 01 0039 00 00 | 3716 0181 00   | Chuck housing / Kovan             | 1    |
| 14 | 01 0040 00 00 | 3716 0182 00   | Cover / Kapak                     | 1    |
| 15 | 01 0041 00 00 | 3716 0252 00   | Support shaft / Mil desteği       | 1    |
| 16 | 01 0042 00 00 | 3716 0010 00   | Wear ring / Keçe yatağı           | 1    |
| 17 | 01 0043 00 00 | 3716 0003 00   | Spindle / Distributor mili        | 1    |
| 18 | 01 0044 00 00 | 3716 0009 00   | Wear ring / Keçe yatağı           | 1    |
| 19 | 01 0045 00 00 | 3716 0025 00   | Jaw / Çene 44 mm/AQ std.          | 4    |
| 21 | 01 0079 00 00 | 3716 0261 00   | Cylinder pin / Silindir pim       | 4    |
| 22 | 01 0774 00 00 | -              | Bushing / Burç                    | 4    |
| 23 | 03 0035 00 00 | 3716 0429 80   | Hydraulic motor/Hidrolik motor    | 1    |
| 24 | 04 0014 00 00 | 0211 1246 00   | Screw M6x16                       | 2    |

| No | Part Number   | Company Number | Description            | QTY. |
|----|---------------|----------------|------------------------|------|
| 25 | 04 0016 00 00 | 0211 1363 00   | Secrew M10x30          | 12   |
| 26 | 04 0018 00 00 | 0335 2141 00   | Circlip SGH42          | 1    |
| 27 | 04 0019 00 00 | 0211 1325 00   | Screw M8x25            | 18   |
| 28 | 04 0020 00 00 | 0211 1325 00   | Secrew M8x14           | 1    |
| 29 | 04 0022 00 00 | 0211 1336 00   | Secrew M8x80           | 1    |
| 30 | 04 0095 00 00 | 0335 2165 00   | Circlip SGA 90         | 1    |
| 31 | 05 0001 00 00 | 0663 2122 00   | Oring 16x2,65          | 1    |
| 32 | 05 0002 00 00 | 0666 6000 11   | Seal ring 70x90x7      | 1    |
| 33 | 05 0003 00 00 | 0663 6146 00   | Oring 109,5x3          | 1    |
| 34 | 05 0004 00 00 | 0663 6139 00   | Oring 74,5x3           | 2    |
| 35 | 05 0005 00 00 | 0661 1536 00   | 75x80x1,3 Support ring | 2    |
| 36 | 05 0006 00 00 | 0663 6152 00   | Oring 139,5x3          | 1    |
| 37 | 05 0007 00 00 | 0663 6140 00   | Oring 79,5x3           | 3    |
| 38 | 05 0008 00 00 | 0661 1537 00   | Support ring 80x85x1,3 | 2    |
| 39 | 05 0009 00 00 | 0663 6143 00   | Oring 94,5x3           | 1    |
| 40 | 05 0010 00 00 | 0663 6149 00   | Oring 124,5x3          | 1    |
| 41 | 05 0011 00 00 | 0666 6000 22   | Seal ring 90x110x10-1  | 1    |
| 42 | 05 0016 00 00 | 3715 3211 00   | Gasket / Conta         | 1    |
| 43 | 05 0019 00 00 | 0663 6136 00   | Oring 60x3-1           | 1    |
| 44 | 06 0002 00 00 | 0504 2502 00   | Bearing                | 1    |
| 45 | 06 0003 00 00 | 0502 2116 00   | Bearing                | 1    |
| 46 | 06 0004 00 00 | 0508 1100 18   | Bearing                | 1    |

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3716 0154 81/08 0001 00 00 - Rod Holder/Alt çene

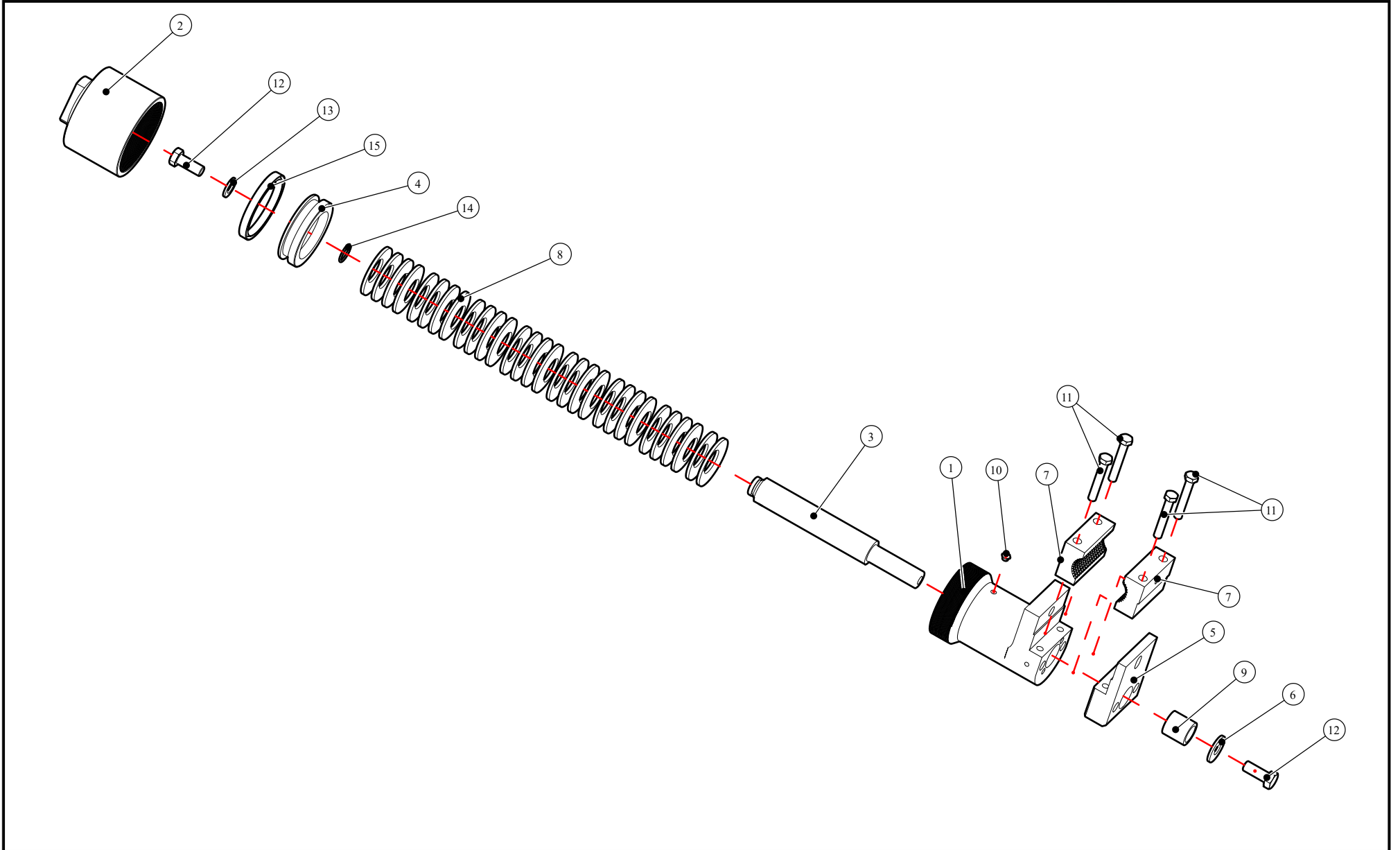


**3716 0154 81/08 0001 00 00 - Rod Holder/Alt çene**

**3716 0154 81/08 0001 00 00 - Rod Holder/Alt çene**

| No | Part Number   | Comp. Number | Description                     | QTY. |
|----|---------------|--------------|---------------------------------|------|
| 1  | 01 0055 00 00 | 3716 0353 00 | Cylinder pin / Silindir pim     | 2    |
| 2  | 01 0057 00 00 | 3716 0154 00 | RH bracket / Alt çene aparatı   | 1    |
| 3  | 01 0058 00 00 | 3716 0161 00 | Bushing / Burç                  | 1    |
| 4  | 01 0077 00 00 | 3716 0159 00 | Spring / Yay                    | 4    |
| 5  | 01 0775 00 00 | -            | Bushing / Burç                  | 4    |
| 6  | 01 0776 00 00 | -            | Bracket / Dayama                | 2    |
| 7  | 04 0094 00 00 | 0196 1319 00 | Set Screw M8x10                 | 2    |
| 8  | 04 0106 00 00 | -            | M12 Washer                      | 2    |
| 9  | 04 0281 00 00 | 0147 1403 03 | Screw AKB M12x40                | 2    |
| 10 | 08 0002 00 00 | 3716 0147 80 | Rod tong / Alt çene kompleksi   | 1    |
| 11 | 01 0056 00 00 | 3716 0438 00 | Guide holder/Dengeleyici yuvası | 1    |
| 12 | 01 0060 00 00 | 3716 0443 00 | Guide sleeve/Dengeleyici Soket  | 1    |
| 13 | 04 0096 00 00 | 0335 2167 00 | Circilip SGH 95                 | 1    |
| 14 | 04 0097 00 00 | 0335 1151 00 | Circilip SGA 60                 | 1    |
| 15 | 06 0014 00 00 | 0502 1238 01 | 6012-2RS1                       | 1    |

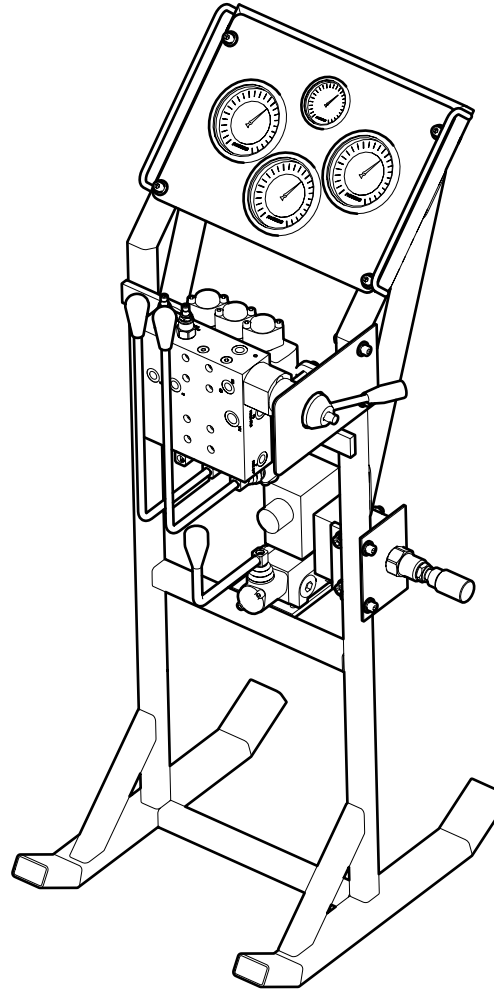
## 3716 0147 80/08 0002 00 00 - Rod tong /Alt çene kompleksi

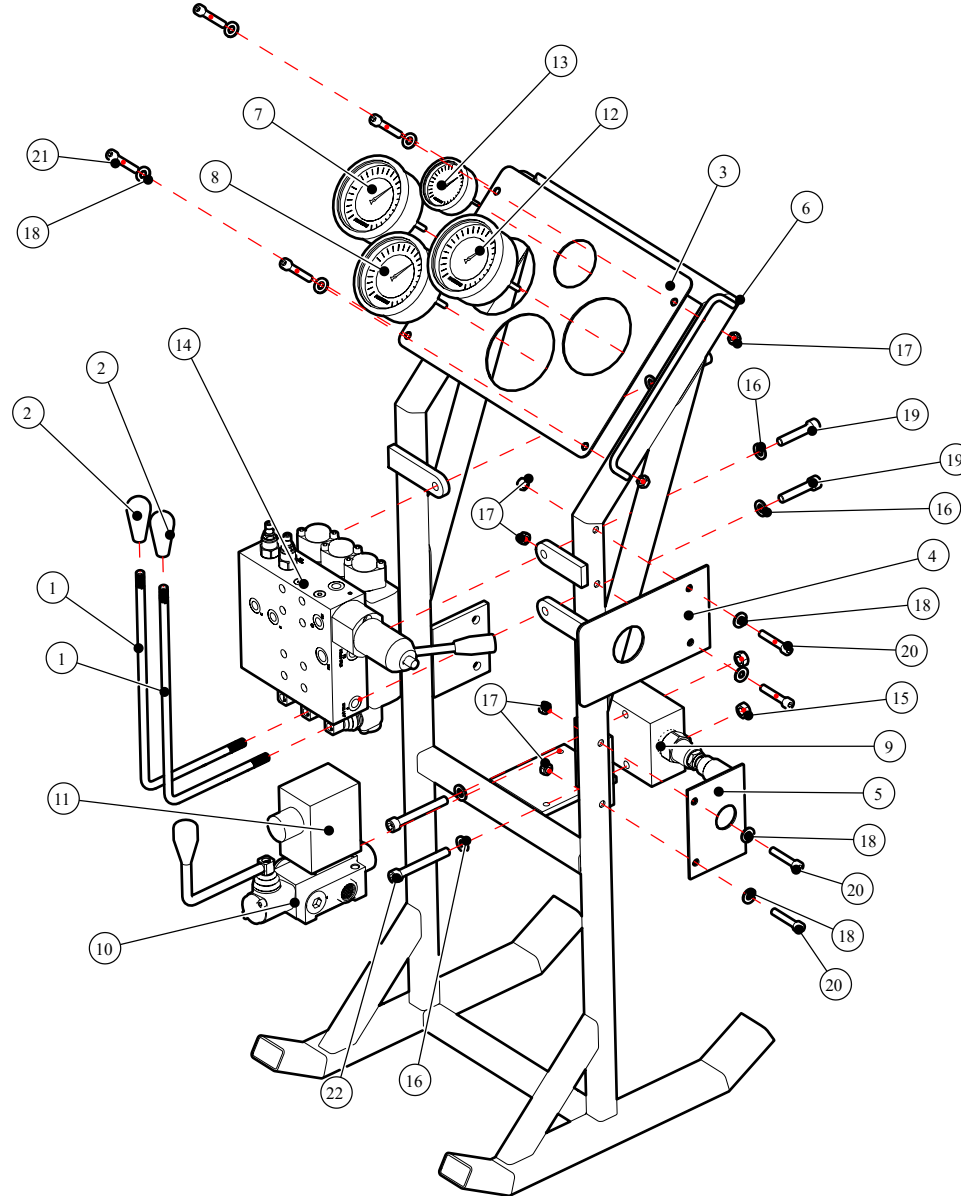


**3716 0147 80/08 0002 00 00 - Rod tong /Alt çene kompleksi**

| No | Part Number   | Comp. Number | Description                 | QTY. |
|----|---------------|--------------|-----------------------------|------|
| 1  | 01 0061 00 00 | 3716 0147 00 | Spring housing / Yay kovanı | 1    |
| 2  | 01 0062 00 00 | 3716 0148 00 | Cylinder / Silindir         | 1    |
| 3  | 01 0063 00 00 | 3716 0149 00 | Piston rod                  | 1    |
| 4  | 01 0064 00 00 | 3716 0150 00 | Piston                      | 1    |
| 5  | 01 0065 00 00 | 3716 0151 00 | Jaw holder / Çene tutucu    | 1    |
| 6  | 01 0066 00 00 | 3716 0152 00 | Spacer / Yükseltici         | 1    |
| 7  | 01 0068 00 00 | 3716 0153 00 | Jaw / Çene 44mm/AQ          | 2    |
| 8  | 01 0078 00 00 | 0384 3595 00 | Cup spring / Yaprak yay     | 30   |
| 9  | 01 0783 00 00 | 3716 0161 00 | Bushing / Burç              | 1    |
| 10 | 03 0005 00 00 | 0544 2162 00 | Grease Nipple M6            | 1    |
| 11 | 04 0028 00 00 | 0147 1410 03 | AKB M12x75                  | 4    |
| 12 | 04 0038 00 00 | 0147 1477 03 | Screw AKB M16x40            | 2    |
| 13 | 04 0039 00 00 | 3716 0231 00 | Washer M12                  | 1    |
| 14 | 05 0020 00 00 | 0663 2127 00 | Oring 24,2x3                | 1    |
| 15 | 05 0021 00 00 | 0667 4230 00 | Seal ring 95x110x12         | 1    |

3716 0186 81/08 0008 00 00 - Control panel/Kontrol paneli (A)

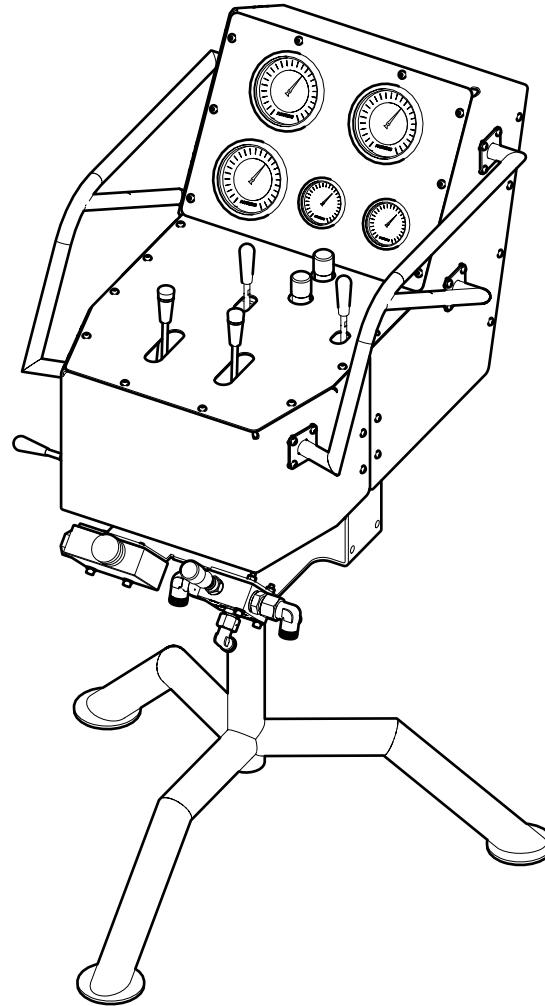


**3716 0186 81/08 0008 00 00 - Control panel/Kontrol paneli (A)**

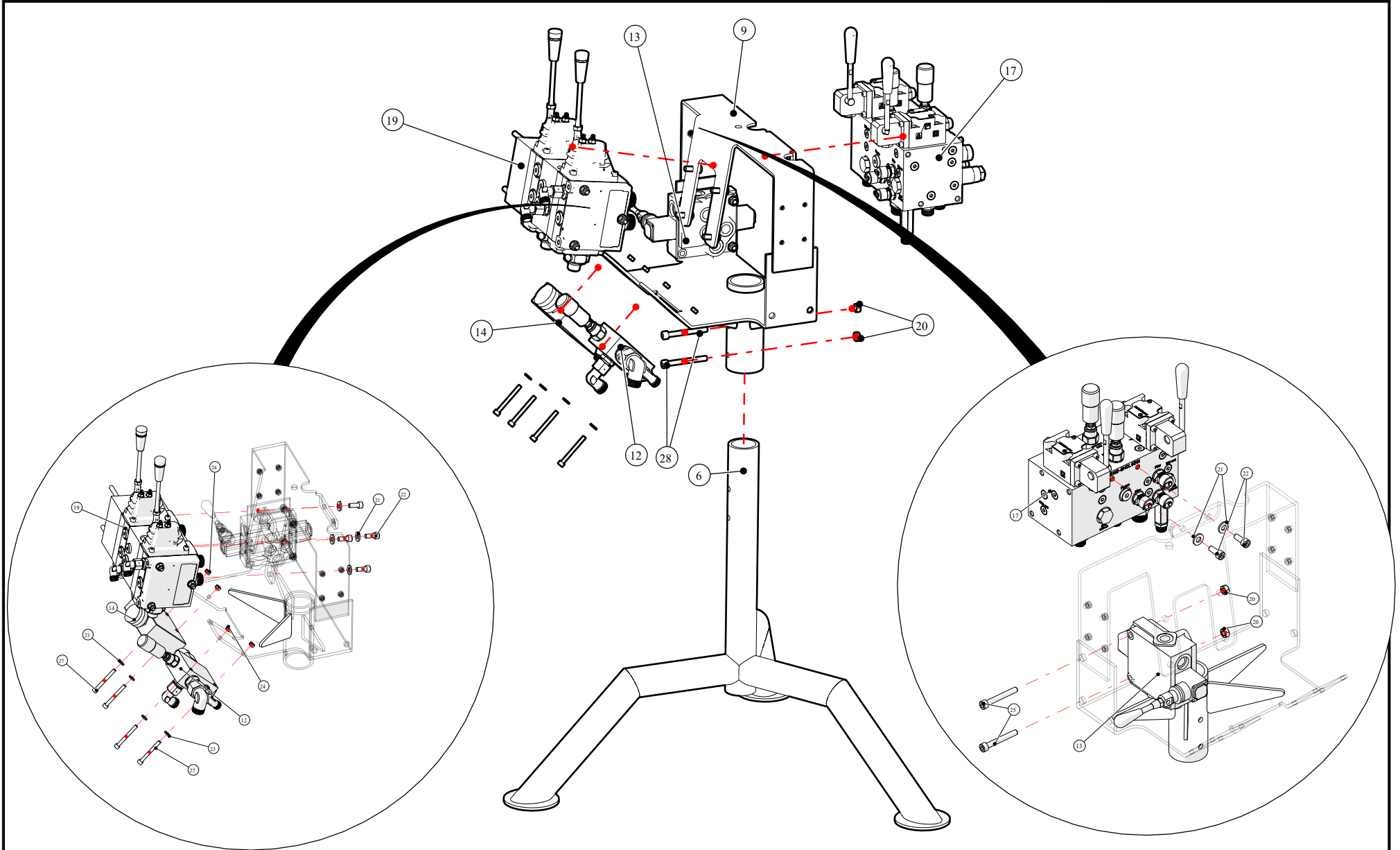
**3716 0186 81/08 0008 00 00 - Control panel/Kontrol paneli (A)**

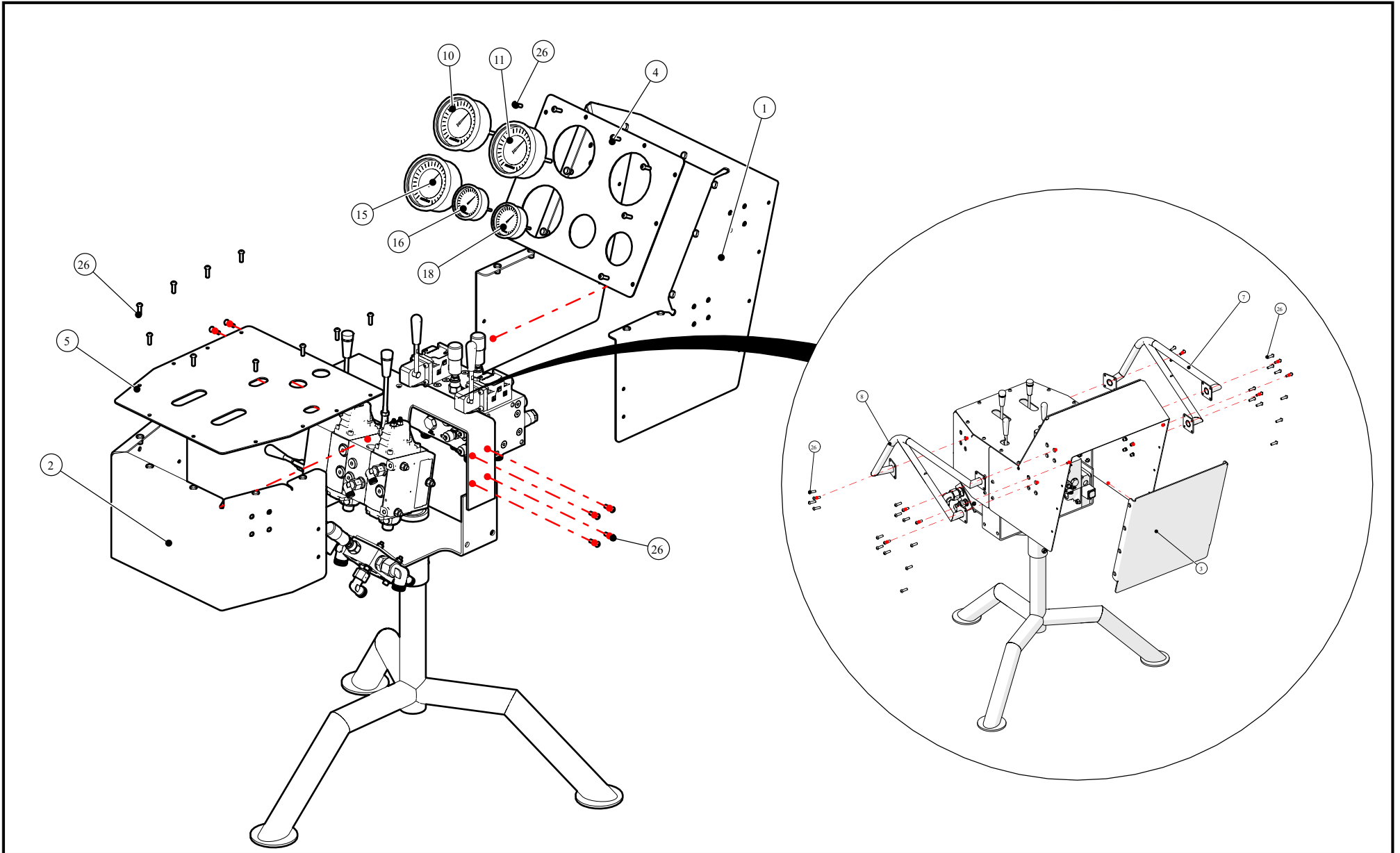
| No | Part Number   | Comp. Number | Description                                       | QTY. |
|----|---------------|--------------|---------------------------------------------------|------|
| 1  | 01 0071 00 00 | 3716 3286 00 | Lever/Manivela                                    | 2    |
| 2  | 01 0083 00 00 | 0362 1109 00 | Ball/Küre                                         | 2    |
| 3  | 01 1149 00 00 | -            | Panel sheet/Pano sacı                             | 1    |
| 4  | 01 1150 00 00 | -            | Plate/Plaka                                       | 1    |
| 5  | 01 1165 00 00 | -            | Plate/Plaka                                       | 1    |
| 6  | 02 0002 00 00 | 3716 0172 00 | Stand                                             | 1    |
| 7  | 03 0017 00 00 | 3716 6023 00 | Manometer-D100-400bar                             | 1    |
| 8  | 03 0147 00 00 | 3715 7971 00 | Manometer-D100-100bar                             | 1    |
| 9  | 03 0220 00 00 | -            | Feed force block/Askı kontrol bloğu               | 1    |
| 10 | 03 0223 00 00 | -            | Monoblock control valve/Tekli kumanda-AMV 501/B   | 1    |
| 11 | 03 0224 00 00 | -            | Mud pump speed valve/Çamur pompası hız ayar valfi | 1    |
| 12 | 03 0226 00 00 | -            | Manometer-D100-315bar                             | 1    |
| 13 | 03 0228 00 00 | -            | Manometer-D63-315bar                              | 1    |
| 14 | 03 0230 00 00 | -            | Main control block/Ana kontrol bloğu-AMV501       | 1    |
| 15 | 04 0002 00 00 | 0291 1111 00 | Nut M10                                           | 2    |
| 16 | 04 0005 00 00 | 0301 2344 00 | Washer M10                                        | 5    |
| 17 | 04 0007 00 00 | 0291 1110 00 | Nut M8                                            | 8    |
| 18 | 04 0011 00 00 | 3716 0047 00 | Washer M8                                         | 8    |
| 19 | 04 0405 00 00 | -            | Screw SB M10x50                                   | 3    |
| 20 | 04 0428 00 00 | -            | Screw SB M8x45                                    | 4    |
| 21 | 04 0453 00 00 | -            | Secrew SB M8x50                                   | 4    |
| 22 | 04 0456 00 00 | -            | Secrew SB M10x80                                  | 2    |

08 0213 00 00 - Control panel / Kontrol Paneli (B)



## 08 0213 00 00 - Control panel / Kontrol Paneli (B)



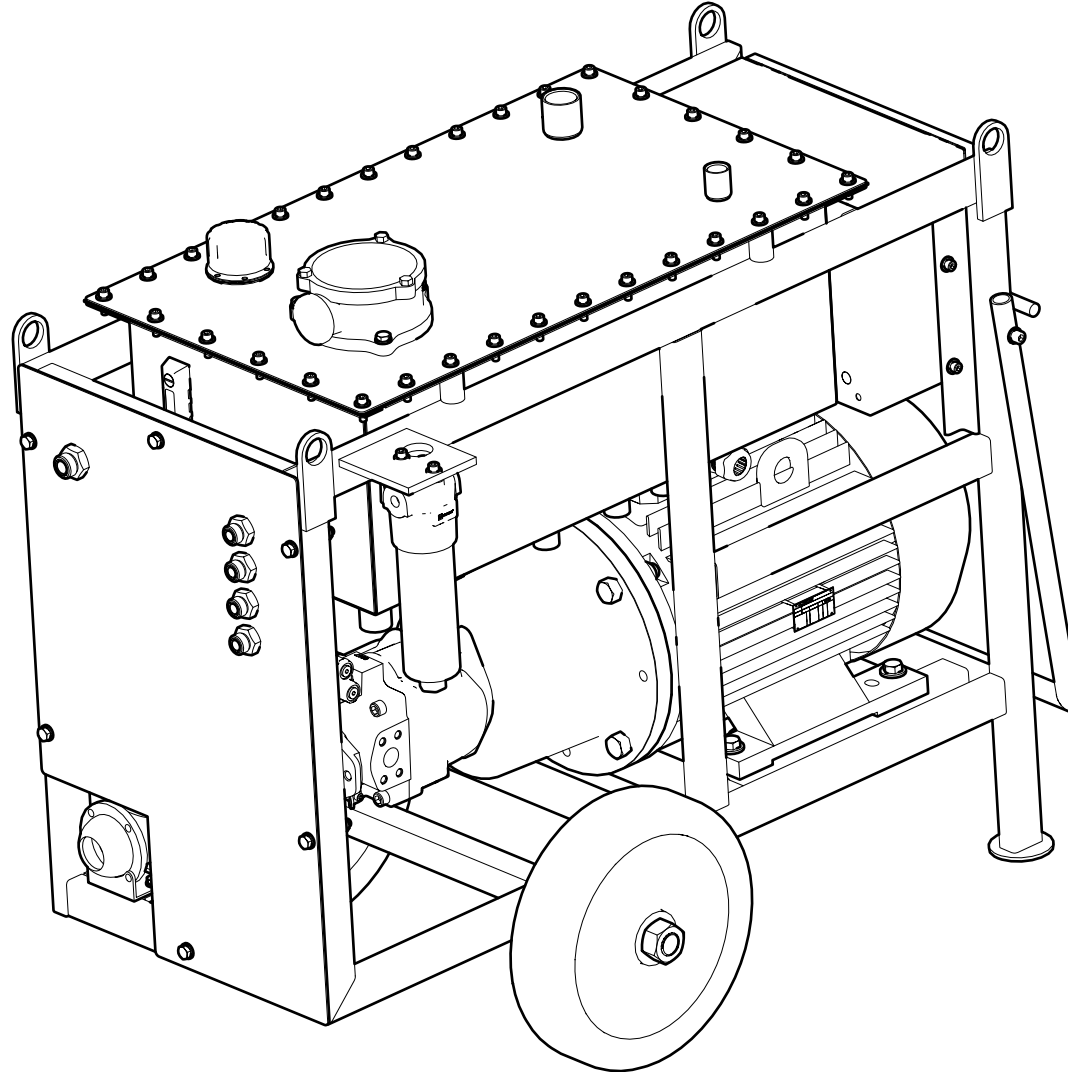
**08 0213 00 00 - Control panel / Kontrol Paneli (B)**

**08 0213 00 00 - Control panel / Kontrol Paneli (B)**

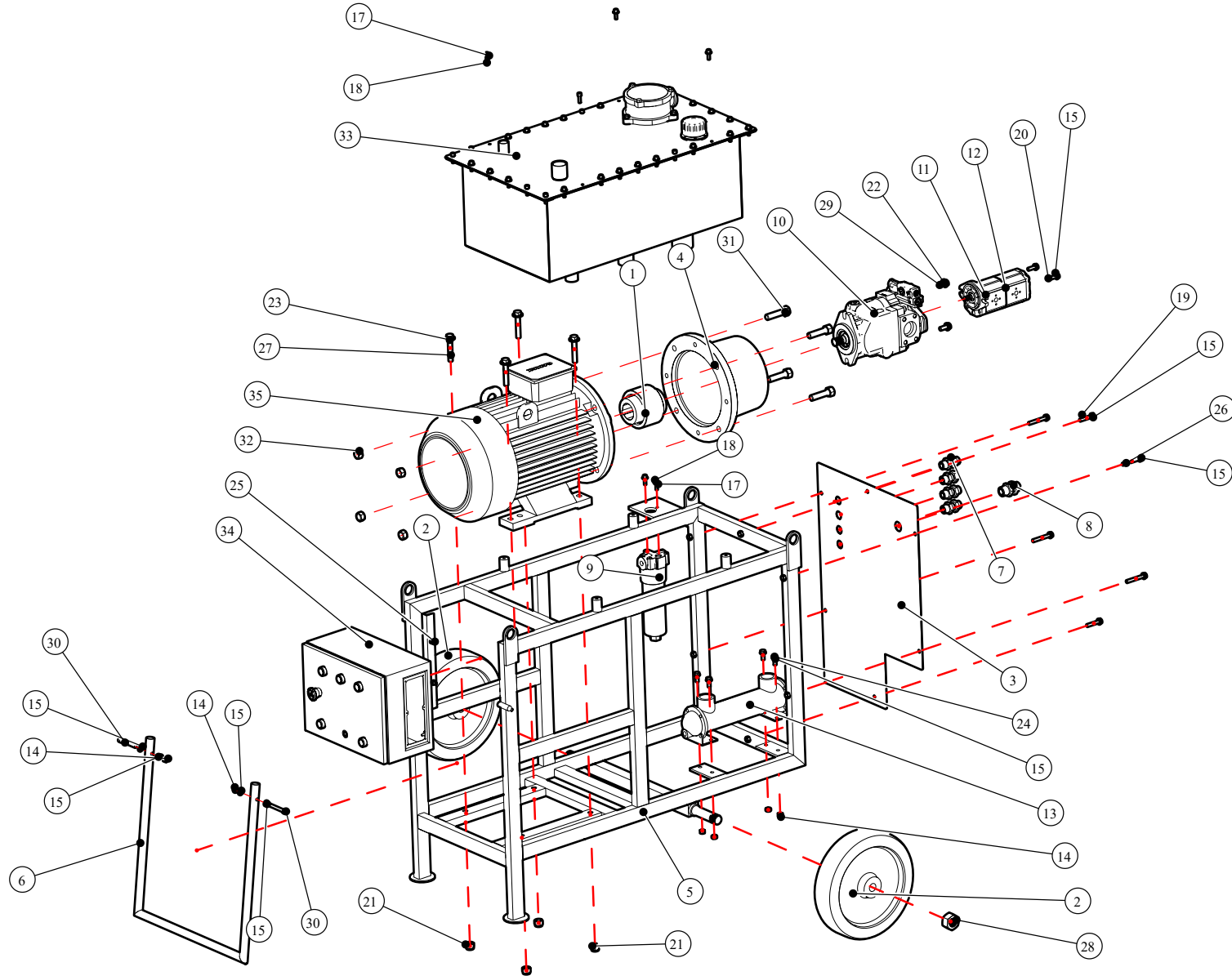
| NO | Part number         | Comp. Number | Description                                                         | QTY |
|----|---------------------|--------------|---------------------------------------------------------------------|-----|
| 1  | 01 1215 00 00       | -            | Control panel upper cover plate/Kontrol paneli üst muhafaza plakası | 1   |
| 2  | 01 1216 00 00       | -            | Control panel down cover plate/Kontrol paneli alt muhafaza plakası  | 1   |
| 3  | 01 1217 00 00       | -            | Control panel back cover plate/Kontrol paneli arka muhafaza plakası | 1   |
| 4  | 01 1218 00 00       | -            | Upper panel sheet/Üst panel sacı                                    | 1   |
| 5  | 01 1219 00 00       | -            | Down panel sheet/Alt panel sacı                                     | 1   |
| 6  | 02 0241 00 00       | -            | Foot/Ayak                                                           | 1   |
| 7  | 02 0242 00 00-Left  | -            | Protective handle/Koruyucu Tutamak                                  | 1   |
| 8  | 02 0242 00 00-Right | -            | Protective handle/Koruyucu Tutamak                                  | 1   |
| 9  | 02 0246 00 00       | -            | Control panel main body/Control paneli ana gövde                    | 1   |
| 10 | 03 0017 00 00       | 3716 6023 00 | Manometer/Manometre-D100-400bar                                     | 1   |
| 11 | 03 0147 00 00       | 3715 7971 00 | Manometer/Manometre-D100-100bar                                     | 1   |
| 12 | 03 0220 00 00       | -            | Feed force block/Askı kontrol bloğu                                 | 1   |
| 13 | 03 0223 00 00       | -            | Monoblock control valve/Tekli kumanda-AMV 501/B                     | 1   |
| 14 | 03 0224 00 00       | -            | Mud pump speed valve/Çamur pompası hız ayar valfi                   | 1   |
| 15 | 03 0226 00 00       | -            | Manometer/Manometre-D100-315bar                                     | 1   |
| 16 | 03 0228 00 00       | -            | Manometer/Manometre-D63-315bar                                      | 1   |
| 17 | 03 0410 00 00       | -            | Control block/Kontrol bloğu                                         | 1   |
| 18 | 03 0411 00 00       | -            | Manometer/Manometre-D63-160bar                                      | 1   |
| 19 | 03 0416 00 00       | -            | Main control block/Ana kontrol bloğu                                | 1   |
| 20 | 04 0007 00 00       | 0291 1110 00 | Nut M8                                                              | 4   |
| 21 | 04 0011 00 00       | 3716 0047 00 | Washer M8                                                           | 6   |
| 22 | 04 0156 00 00       | 0211 1957 56 | Screw SB M8x20                                                      | 6   |
| 23 | 04 0397 00 00       | -            | M6 Washer                                                           | 4   |
| 24 | 04 0399 00 00       | -            | Nut M6                                                              | 12  |
| 25 | 04 0402 00 00       | -            | Screw SB M8x60                                                      | 2   |
| 26 | 04 0469 00 00       | -            | Screw BB M6x20                                                      | 58  |
| 27 | 04 0470 00 00       | -            | Screw SB M6x55                                                      | 4   |
| 28 | 04 0471 00 00       | -            | Screw SB M8x70                                                      | 2   |

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08 0196 00 00-Power Unit/Güç Ünitesi



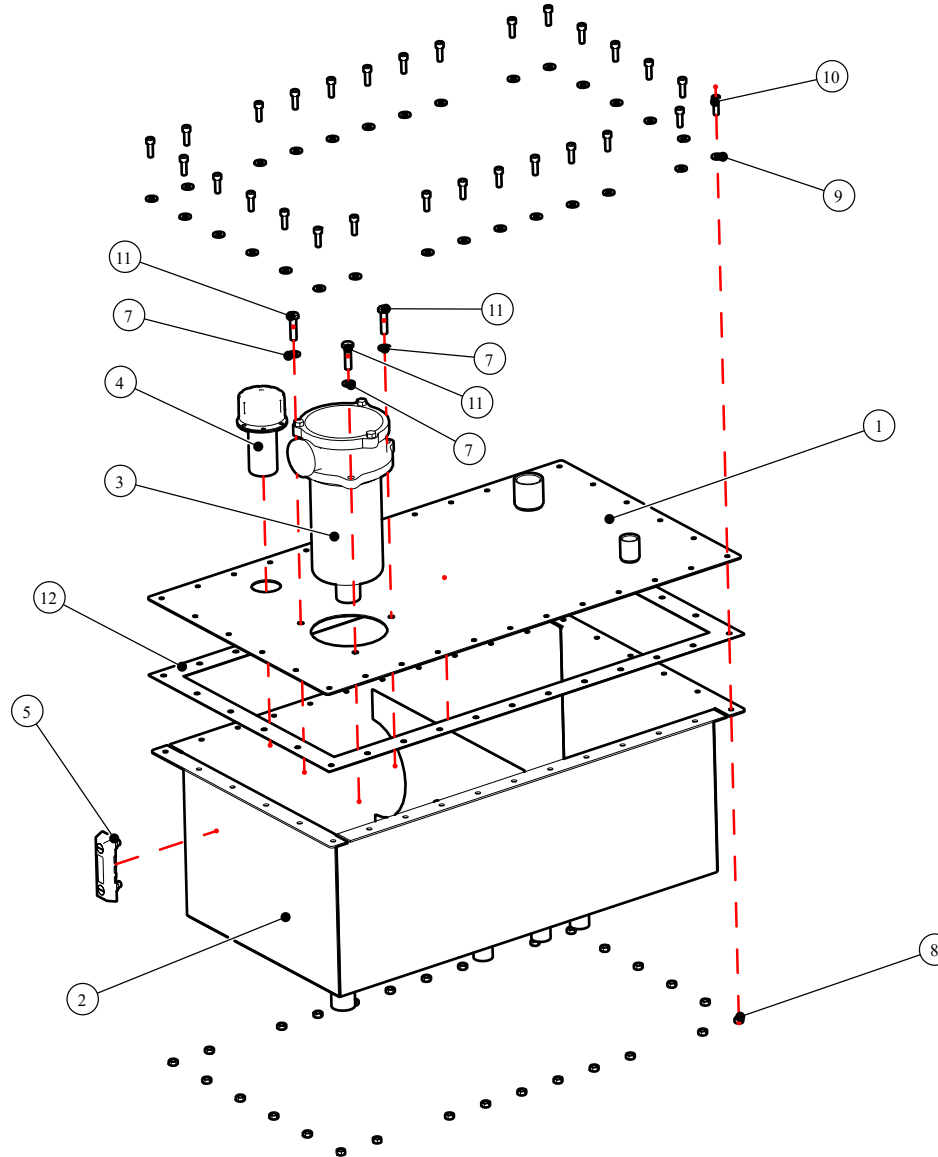
## 08 0196 00 00-Power Unit/Güç Ünitesi



## 08 0196 00 00-Power Unit/Güç Ünitesi

| No | Part Number    | Comp. Number | Description                                 | QTY. |
|----|----------------|--------------|---------------------------------------------|------|
| 1  | 01 1143 00 00  | -            | Coupling/Kaplin                             | 1    |
| 2  | 01 1144 00 00  | -            | Wheel/Teker                                 | 2    |
| 3  | 01 1145 00 00  | -            | Bulkhead plate/Perde geçiş plakası          | 1    |
| 4  | 01 1148 00 00  | -            | Drum/Kampana                                | 1    |
| 5  | 02 0223 00 00  | -            | Power unit frame/Güç ünitesi şasisi         | 1    |
| 6  | 02 0225 00 00  | -            | Arm/Çeki Kolu                               | 1    |
| 7  | 03 0386 00 00  | -            | Bulkhead/Perde geçiş nipel(5-8)"            | 4    |
| 8  | 03 0387 00 00  | -            | Bulkhead/Perdegeçiş nipel(3-4)"             | 1    |
| 9  | 03 0400 00 00  | -            | Pressure filter/Basınç filtresi             | 1    |
| 10 | 03 0401 00 00  | -            | Main pump/Ana Pompa                         | 1    |
| 11 | 03 0402 00 00  | -            | Primary service pump/Birinci servis pompası | 1    |
| 12 | 03 0403 00 00  | -            | Second service pump/İkinci servis pompası   | 1    |
| 13 | 03 0404 00 00  | -            | Oil cooler/Sulu yağ soğutucu                | 1    |
| 14 | 04 0002 00 00  | 0291 1111 00 | Nut M10                                     | 12   |
| 15 | 04 0005 00 00  | 0301 2344 00 | Washer M10                                  | 16   |
| 16 | 04 0007 00 00  | 0291 1110 00 | Nut M8                                      | 4    |
| 17 | 04 0011 00 00  | 3716 0047 00 | Washer M8                                   | 10   |
| 18 | 04 0019 00 00  | 0211 1325 00 | Screw SB M8x25                              | 6    |
| 19 | 04 0036 00 00  | 0147 1367 03 | Screw AKB M10x50                            | 2    |
| 20 | 04 0052 00 00  | 0147 1363 03 | ScrewAKB M10x30                             | 2    |
| 21 | 04 0053 00 00  | 0291 1114 00 | Lock Nut M16                                | 4    |
| 22 | 04 0106 00 00  | 0301 2358 00 | Washer M12                                  | 2    |
| 23 | 04 0109 00 00  | 0301 2378 00 | Washer M16                                  | 4    |
| 24 | 04 0117 00 00  | 0147 1362 03 | Screw AKB M10x25 ISO4017                    | 4    |
| 25 | 04 0156 00 00  | 0211 1957 56 | Screw SB M8x20                              | 4    |
| 26 | 04 0166 00 00  | 0147 1371 03 | Screw AKB M10x70                            | 4    |
| 27 | 04 0377 00 00  | -            | Screw AKB M16X70                            | 4    |
| 28 | 04 0377 00 00  | -            | M30 Nut                                     | 2    |
| 29 | 04 0400 00 00  | -            | Screw AKB M12x30                            | 2    |
| 30 | 04 0441 00 00  | -            | Screw SB10x70                               | 2    |
| 31 | 04 0444 00 00- | -            | Screw M18x50                                | 4    |
| 32 | 04 0445 00 00  | -            | Nut M18                                     | 4    |
| 33 | 08 0197 00 00  | -            | Oil Tank/Yağ Tankı                          | 1    |
| 34 | 09 0015 00 00  | -            | Electrical panel/Elektrik panosu            | 1    |
| 35 | 09 0016 00 00  | -            | Electric Motor/Elektrik Motoru              | 1    |

## 08 0197 00 00-Oil Tank/Yağ Tankı

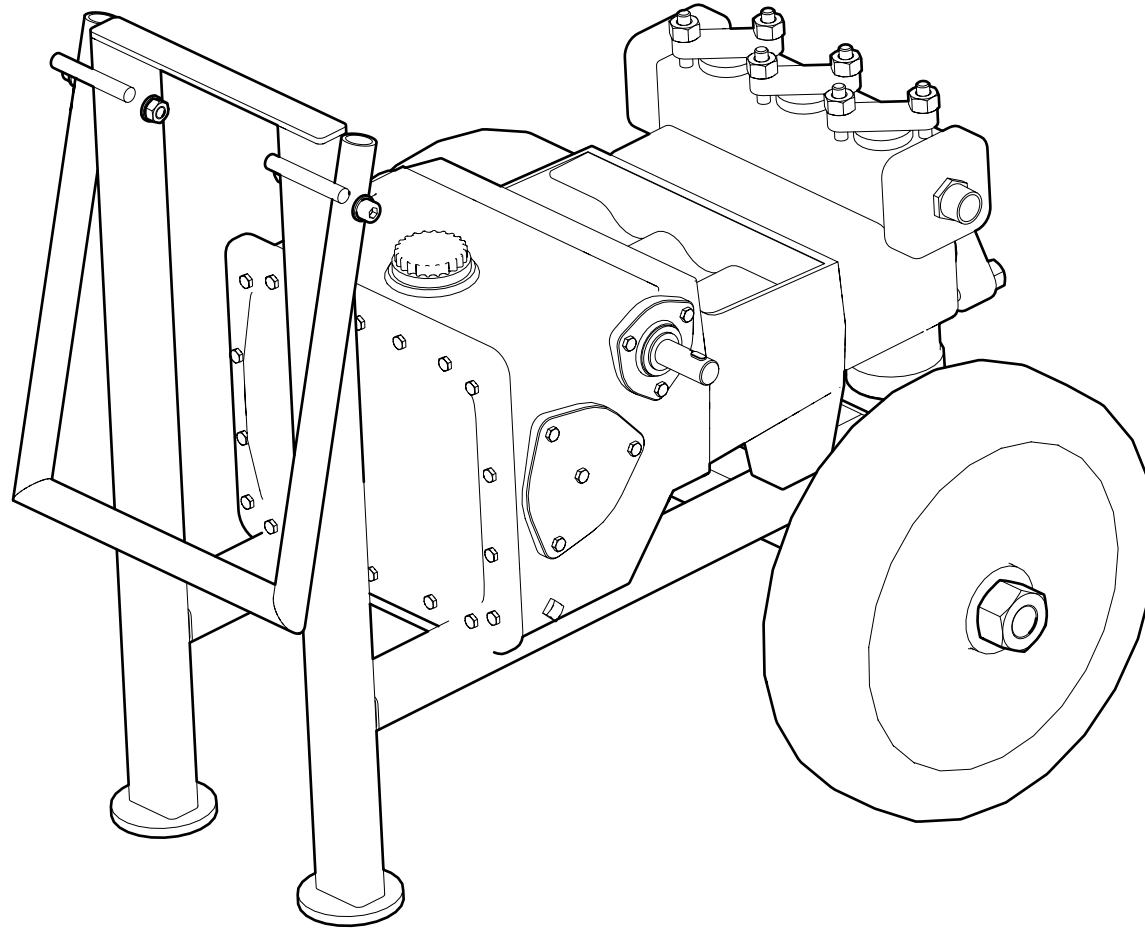


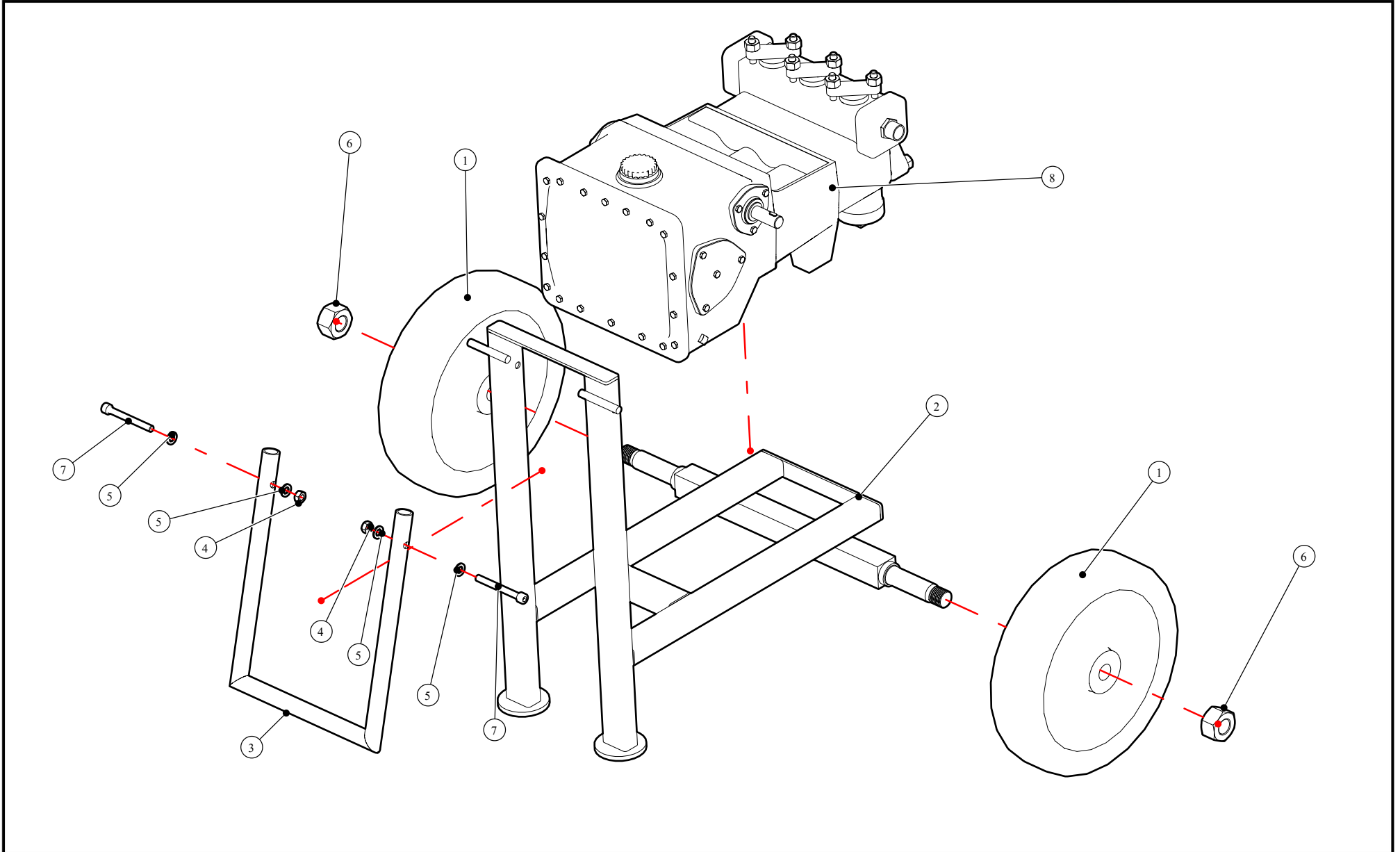
## 08 0197 00 00-Oil Tank/Yağ Tankı

| No | Part Number   | Comp. Number | Description                                                  | QTY. |
|----|---------------|--------------|--------------------------------------------------------------|------|
| 1  | 01 1146 00 00 | -            | Oil tank cover/Yağ tankı kapağı                              | 1    |
| 2  | 02 0224 00 00 | -            | Oil tank welded/Yağ tankı kaynaklı                           | 1    |
| 3  | 03 0398 00 00 | -            | Return filter/Geri dönüş filitresi                           | 1    |
| 4  | 03 0399 00 00 | -            | Tank cap/Yağ kapağı                                          | 1    |
| 5  | 03 0405 00 00 | -            | Hydraulic Oil Indicator/Hidrolik yağ seviye göstergesi/SNA76 | 1    |
| 6  | 04 0002 00 00 | 0291 1111 00 | Nut M10                                                      | 3    |
| 7  | 04 0005 00 00 | 0301 2344 00 | Washer M10                                                   | 3    |
| 8  | 04 0007 00 00 | 0291 1110 00 | Nut M8                                                       | 28   |
| 9  | 04 0011 00 00 | 3716 0047 00 | Washer M8                                                    | 28   |
| 10 | 04 0019 00 00 | 0211 1325 00 | Screw SB M8x25                                               | 28   |
| 11 | 04 0049 00 00 | 0147 1365 05 | Screw AKB M10x40 Screw                                       | 3    |
| 12 | 05 0279 00 00 | -            | Oil tank gasket/Yağ tankı contası                            | 1    |

C100

08 0198 00 00 - Mud pump frame / Çamur pompası şasi



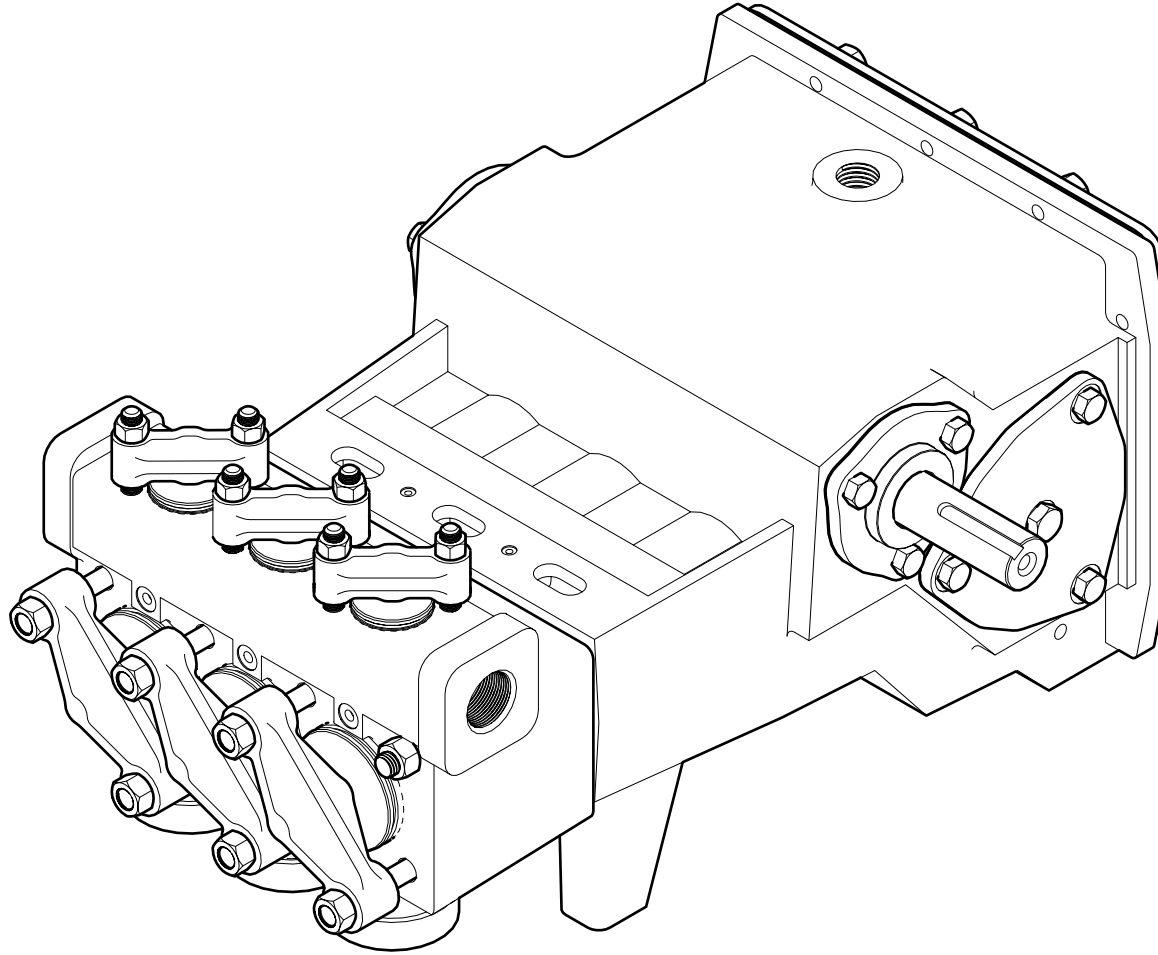
**08 0198 00 00 - Mud pump frame / Çamur pompası şasi**

**08 0198 00 00 - Mud pump frame / Çamur pompası şasi**

| NO | Part number   | Comp. Number | Description            | QTY |
|----|---------------|--------------|------------------------|-----|
| 1  | 01 1144 00 00 | -            | Whell/Tekerlek         | 2   |
| 2  | 02 0226 00 00 | -            | Frame/Şasi             | 1   |
| 3  | 02 0227 00 00 | -            | Arm/Çeki kolu          | 1   |
| 4  | 04 0002 00 00 | 0291 1111 00 | Nut M10                | 2   |
| 5  | 04 0005 00 00 | 0301 2344 00 | Washer M10             | 4   |
| 6  | 04 0414 00 00 | -            | Nut M27                | 2   |
| 7  | 04 0454 00 00 | -            | Screw SB10x90          | 2   |
| 8  | 08 0084 00 00 | 8492 0208 08 | Mud pump/Çamur pompası | 1   |

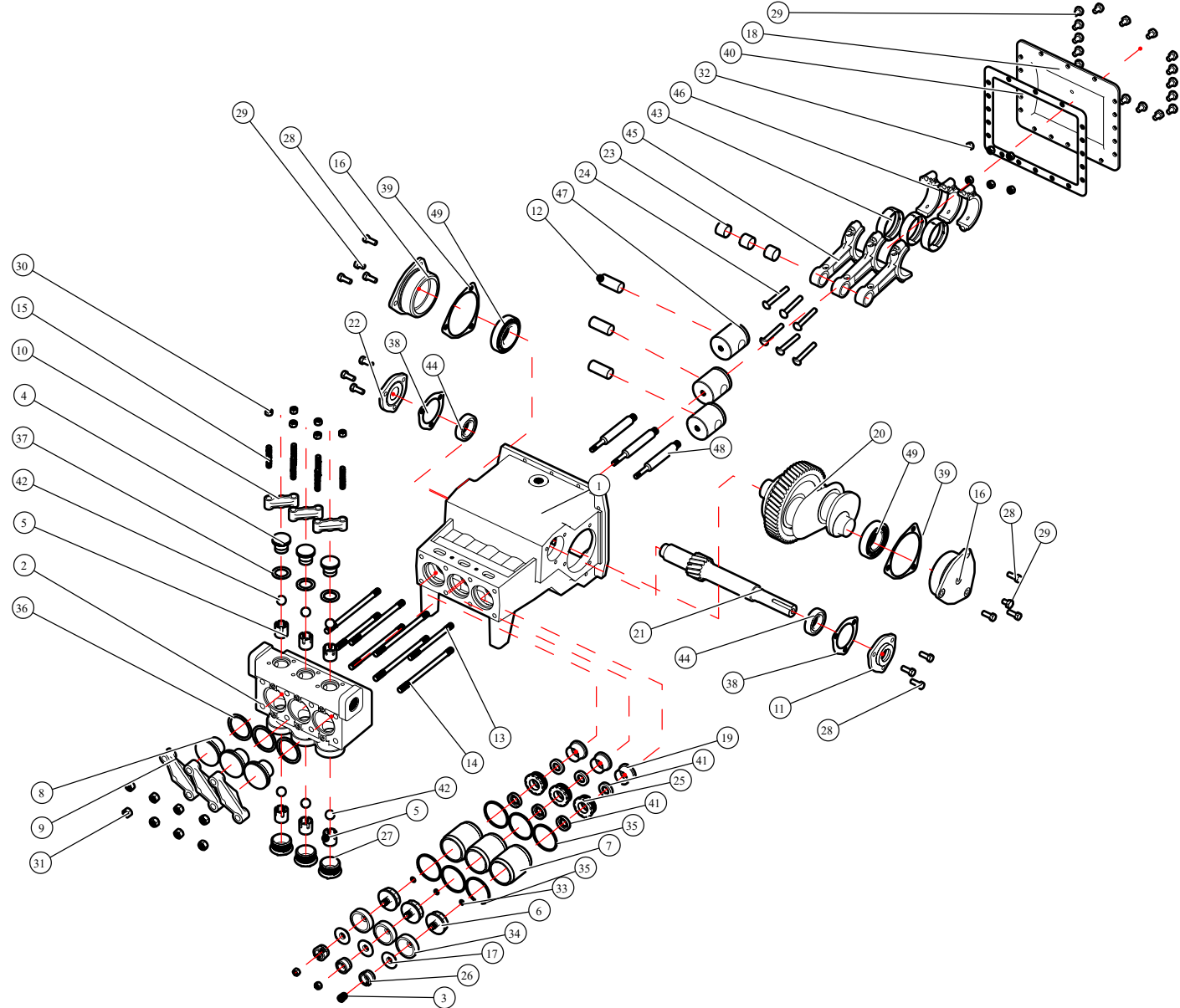
## MP-80 Mud Pump

8492 0208 08 / 08 0084 00 00 - Flush pump / Çamur pompası



# MP-80 Mud Pump

8492 0208 08 / 08 0084 00 00 - Flush pump / Çamur pompası

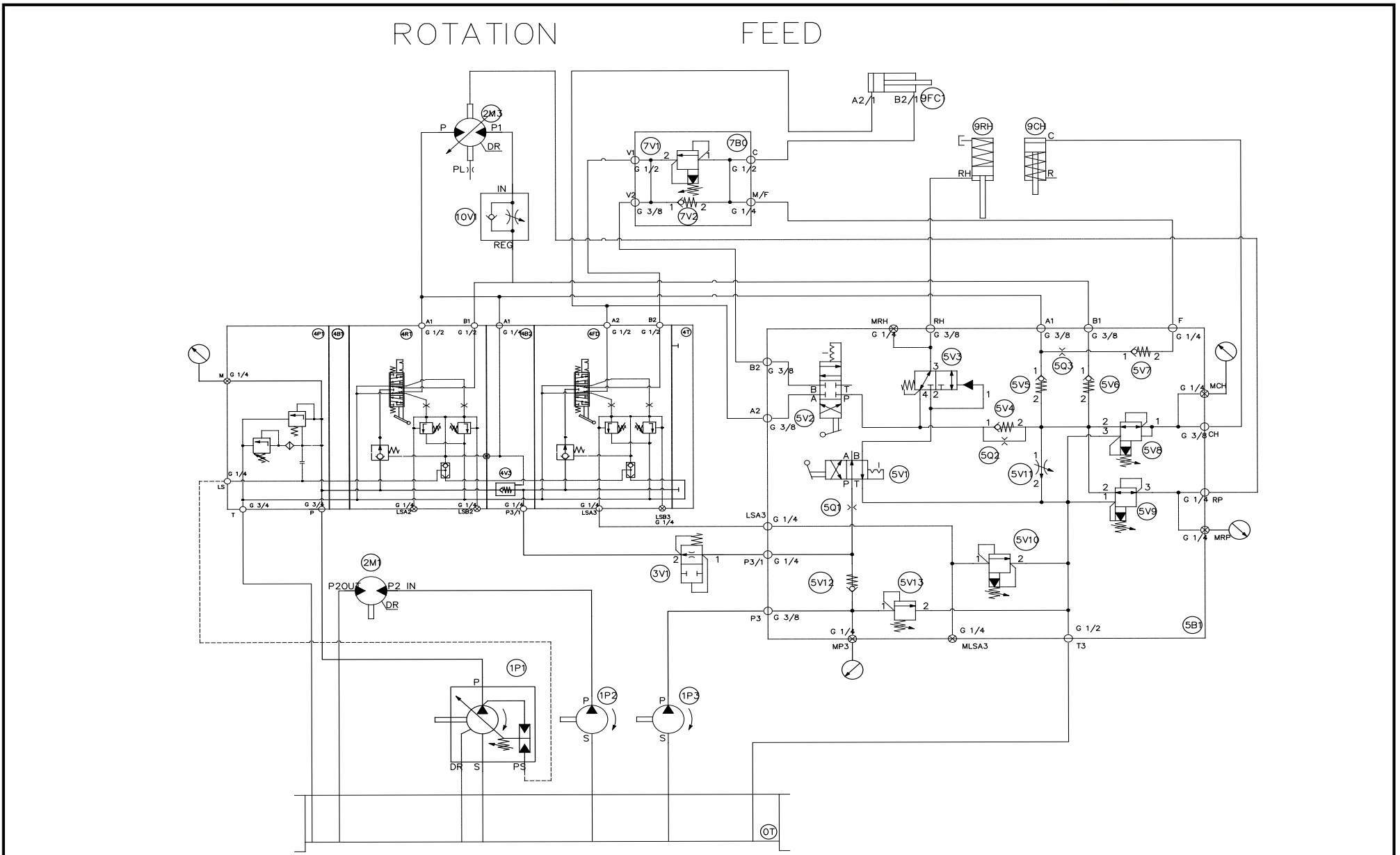


# MP-80 Mud Pump

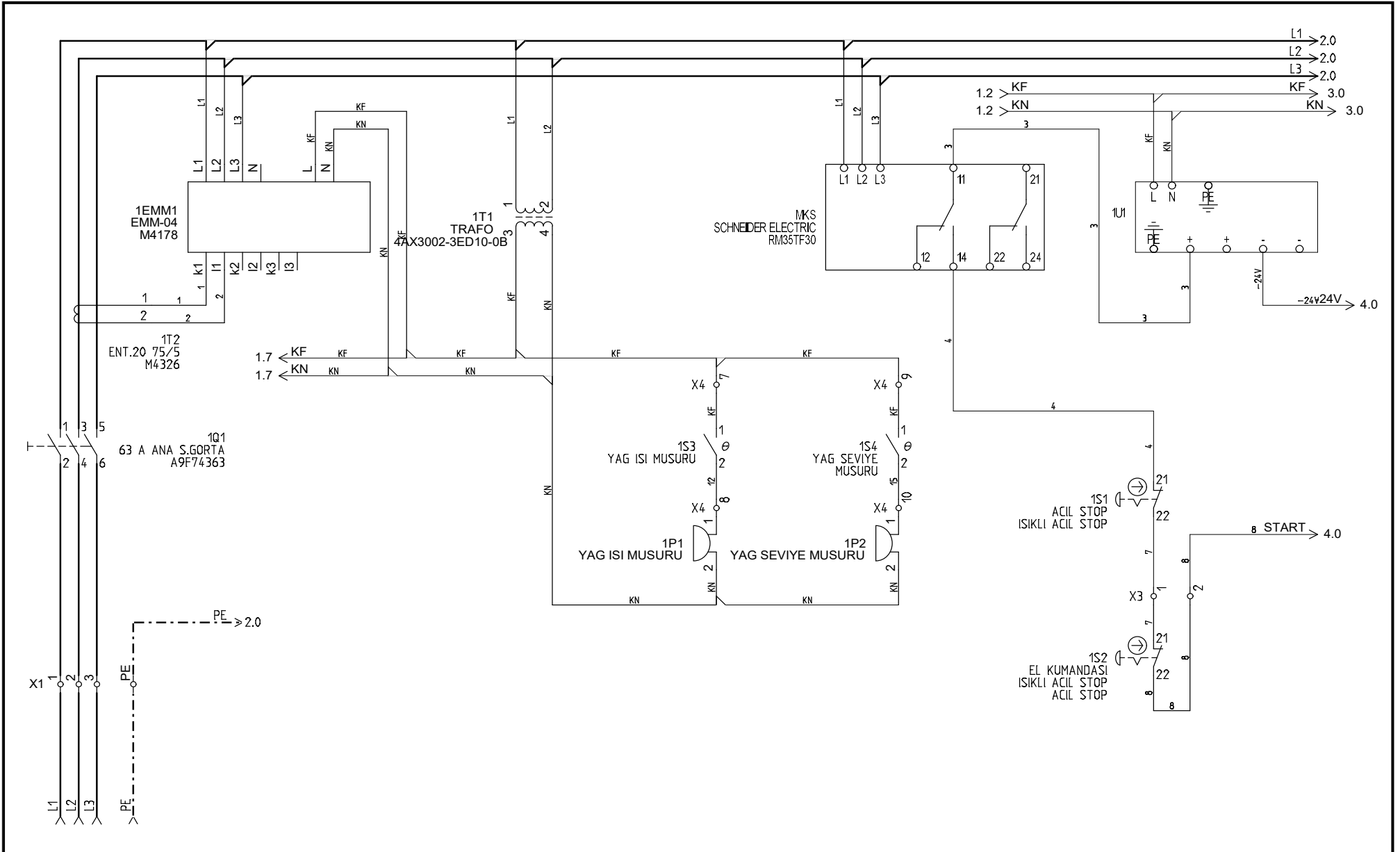


8492 0208 08 / 08 0084 00 00 - Flush pump / Çamur pompası

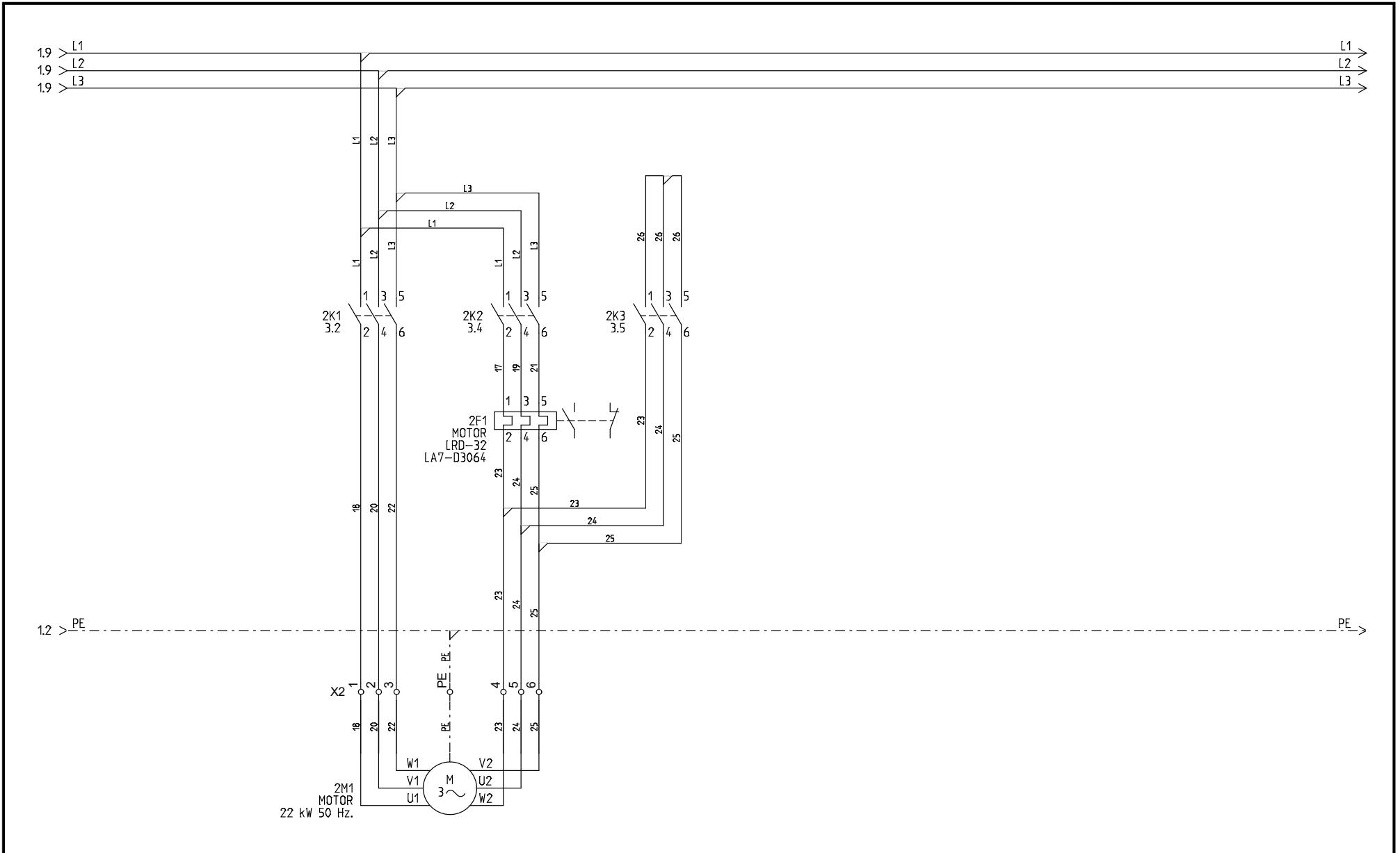
| No | Part Number   | Company Number | Description                    | QTY. | No | Part Number   | Company Number | Description                      | QTY. |
|----|---------------|----------------|--------------------------------|------|----|---------------|----------------|----------------------------------|------|
| 1  | 01 0715 00 00 | 3715 7389 00   | Pump Case/Pompa kutusu         | 1    | 26 | 01 0430 00 00 | 3715 7367 00   | Nut/Somun                        | 3    |
| 2  | 03 0155 00 00 | 3715 7398 00   | Valve Hausing/Valf kütüğü      | 1    | 27 | 03 0159 00 00 | 3715 7924 00   | Plug/Tapa                        | 3    |
| 3  | 01 0433 00 00 | 3715 7361 00   | Nut/Somun                      | 3    | 28 | 04 0264 00 00 | 0144 3285 03   | Screw AKB 3/8" UNC x 3/4"        | 12   |
| 4  | 01 0700 00 00 | 3715 7352 00   | Valve Cover/Valf kapağı        | 3    | 29 | 04 0301 00 00 | 0144 3282 03   | Screw AKB 3/8" UNC x 1/2"        | 20   |
| 5  | 01 0701 00 00 | 3715 7350 00   | Valve Seat/Valf oturtma        | 6    | 30 | 04 0303 00 00 | 0268 3108 00   | 1/2" UNC Nut                     | 6    |
| 6  | 01 0702 00 00 | 3715 7365 00   | Plunger Cup/Dalgıç piston      | 3    | 31 | 04 0309 00 00 | 0268 3108 00   | 1/2" UNC Nut                     | 8    |
| 7  | 01 0704 00 00 | 3715 7362 00   | Cylinder/Silindir kovan        | 3    | 32 | 04 0320 00 00 | 3715 7420 00   | 1/2" Nut                         | 6    |
| 8  | 01 0705 00 00 | 3715 7356 00   | Cylinder Head/Silindir başlığı | 3    | 33 | 05 0149 00 00 | 3715 7396 00   | O-ring                           | 3    |
| 9  | 01 0707 00 00 | 3715 7355 00   | Clamp/Kıskaç                   | 3    | 34 | 05 0140 00 00 | 3715 7364 00   | Cylinder seal/Silindir keçesi    | 3    |
| 10 | 01 0708 00 00 | 3715 7354 00   | Clamp/Kıskaç                   | 3    | 35 | 05 0141 00 00 | 3715 7363 00   | Cylinder gasket/Silindir contası | 6    |
| 11 | 01 0709 00 00 | 3715 7382 00   | Cap/Başlık                     | 1    | 36 | 05 0142 00 00 | 3715 7357 00   | Gasket/Conta                     | 3    |
| 12 | 01 0710 00 00 | 3715 7373 00   | Pin/Pim                        | 3    | 37 | 05 0143 00 00 | 3715 7353 00   | Gasket valve/ Valf contası       | 3    |
| 13 | 01 0711 00 00 | 3715 7384 00   | Stud/Saplama civatası          | 2    | 38 | 05 0144 00 00 | 3715 7381 00   | Gasket/Conta                     | 2    |
| 14 | 01 0712 00 00 | 3715 7385 00   | Stud/Saplama civatası          | 6    | 39 | 05 0145 00 00 | 3715 7377 00   | Gasket/Conta                     | 2    |
| 15 | 01 0713 00 00 | 3715 7386 00   | Stud/Saplama civatası          | 6    | 40 | 05 0147 00 00 | 3715 7390 00   | Gasket/Conta                     | 1    |
| 16 | 01 0714 00 00 | 3715 7379 00   | Bearing housing/Rulman yuvası  | 2    | 41 | 05 0148 00 00 | 3715 7397 00   | Plunger rod seal/Rod keçesi      | 6    |
| 17 | 01 0703 00 00 | 3715 7366 00   | Collar support/Destek bileziği | 3    | 42 | 06 0051 00 00 | 3715 7351 00   | Ball/Bilya                       | 6    |
| 18 | 01 0716 00 00 | 3715 7391 00   | Cover/Kapak                    | 1    | 43 | 06 0052 00 00 | 3715 7372 00   | Bearing/Yatak                    | 3    |
| 19 | 01 0717 00 00 | 3715 7392 00   | Sleeve/Keçe yatağı             | 3    | 44 | 06 0053 00 00 | 0502 2106 00   | Ball bearing/Bilyalı rulman 6206 | 2    |
| 20 | 01 0720 00 00 | 3715 7374 00   | Crankshaft/Krank mili          | 1    | 45 | 08 0095 01 00 | 3715 7369 00   | Piston rod                       | 3    |
| 21 | 01 0721 00 00 | 3715 7380 00   | Drive shaft/Pinyon dişli mil   | 1    | 46 | 08 0095 02 00 | 3715 7369 00   | Piston rod                       | 3    |
| 22 | 01 0723 00 00 | 3715 7383 00   | Cover/Kapak                    | 1    | 47 | 01 0706 01 00 | 3715 7359 00   | Cross head/Piston başı           | 3    |
| 23 | 01 0725 00 00 | 3715 7371 00   | Bushing/Burç                   | 3    | 48 | 01 0706 02 00 | 3715 7359 00   | Crosshead rod/Piston rodu        | 3    |
| 24 | 01 0726 00 00 | 3715 7370 00   | Bolt/Civata                    | 6    | 49 | 06 0054 00 00 | 3715 7375 00   | Bearing/Rulman                   | 2    |
| 25 | 01 0724 00 00 | 3715 7395 00   | Seal holder/Keçe tutucu        | 3    |    |               |                |                                  |      |



# Electric circuit diagram/Elektrik tesisat diyagramı- 22kW



# Electric circuit diagram/Elektrik tesisat diyagramı- 22kW



[illegible]

1.9 > START

27 28

4S6 MOTOR STOP XB5AW34M5

4S3 MOTOR START XB5AW33M5

RS 4.5

2F1 2.3

2K2 3.4

3S1 MOTOR STOP

3S2 MOTOR START

1.9 -24V

24V

NO NC

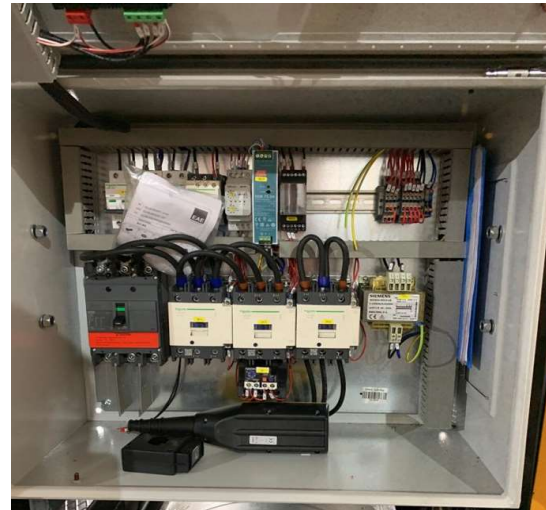
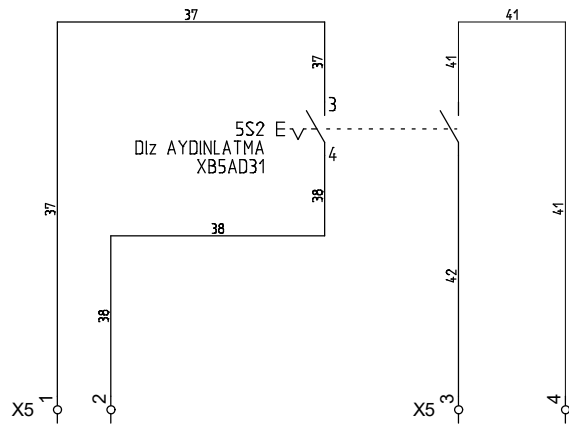
3.2 3.2

4.6 4.6

4S4 MOTOR STOP XB5AW34M5 EL KUMANDASI

4S5 MOTOR START XB5AW33M5 EL KUMANDASI

## Electric circuit diagram/Elektrik tesisat diyagramı- 22kW



## Electric circuit diagram/Elektrik tesisat diyagramı- 22kW

## List of Parts

| Toplam | Tip               | Tedarikçi          | Tanım                                                                        | Üretici |
|--------|-------------------|--------------------|------------------------------------------------------------------------------|---------|
| 29.00  |                   |                    |                                                                              |         |
| 1.00   | 22 kW 50 Hz.      |                    |                                                                              |         |
| 1.00   | 4 AX3002-3ED10-0B |                    |                                                                              |         |
| 1.00   | A9F74363          |                    |                                                                              |         |
| 2.00   | BUZZER            |                    |                                                                              |         |
| 2.00   | ISIKLI ACIL STOP  |                    |                                                                              |         |
| 1.00   | LA7-D3064         |                    |                                                                              |         |
| 1.00   | LRD-32            |                    |                                                                              |         |
| 1.00   | M4178             |                    |                                                                              |         |
| 1.00   | M4326             |                    |                                                                              |         |
| 1.00   | XB5AD31           |                    |                                                                              |         |
| 1.00   | M4091             | ENTES              | TIMING RELAY - NARROW PROFILE, 1 NO, DELAY 1-20 SEC., SCREW TERMINALS        |         |
| 1.00   | LC1D25M7          | SCHNEIDER ELECTRIC | CONT 25 A 220V50/60HZ                                                        |         |
| 2.00   | LC1D32M7          | SCHNEIDER ELECTRIC | CONT 32 A 220V50/60HZ                                                        |         |
| 1.00   | RM35TF30          | SCHNEIDER ELECTRIC | MULTIFUNCTION PHASE CONTROL RELAY RM35-T - RANGE 194..52889119405263 338V AC |         |
| 2.00   | XB5AW33M5         | SCHNEIDER ELECTRIC | GREEN FLUSH COMPLETE ILLUM PUSHBUTTON Ø22 SPRING RETURN8910+1N00220...240V   |         |
| 2.00   | XB5AW34M5         | SCHNEIDER ELECTRIC | RED FLUSH COMPLETE ILLUM PUSHBUTTON Ø22 SPRING RETURN 338911090410Z.240V     |         |
| 1.00   | 7KT5502           | SIEMENS            | TIME COUNTER, 48x48mm, 230V AC, 50Hz                                         |         |
| 1.00   | NIKEN 16'LED      |                    |                                                                              |         |
| 1.00   | L51K23HUM112      | İPLİ ŞALTER        |                                                                              |         |

# Electric circuit diagram/Elektrik tesisat diyagramı- 22kW

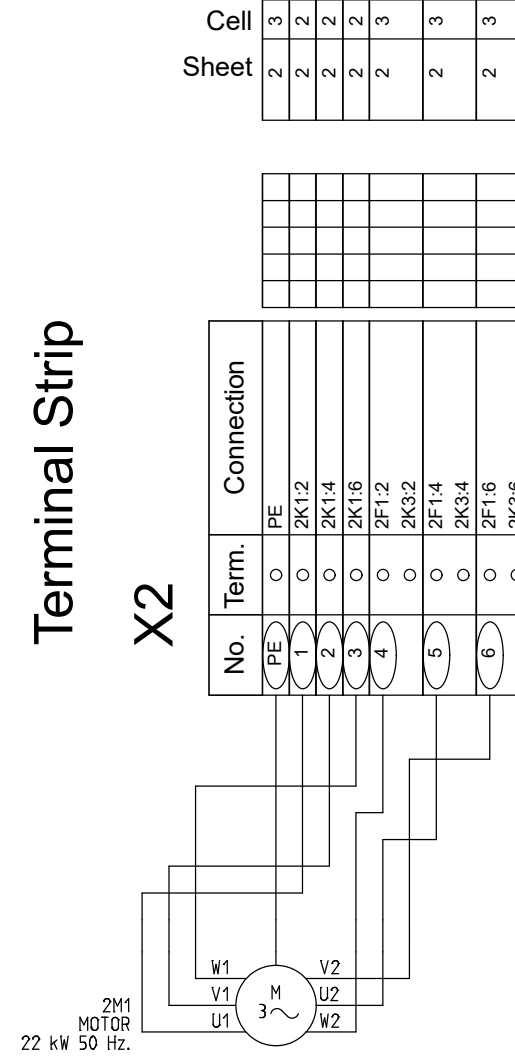
## Terminal Strip

X1

| No. | Term. | Connection | Cell | Sheet |
|-----|-------|------------|------|-------|
| PE  | PE    |            | 1    | 1     |
| L1  | 1     | 1Q1:2      | 1    | 0     |
| L2  | 2     | 1Q1:4      | 1    | 0     |
| L3  | 3     | 1Q1:6      | 1    | 1     |

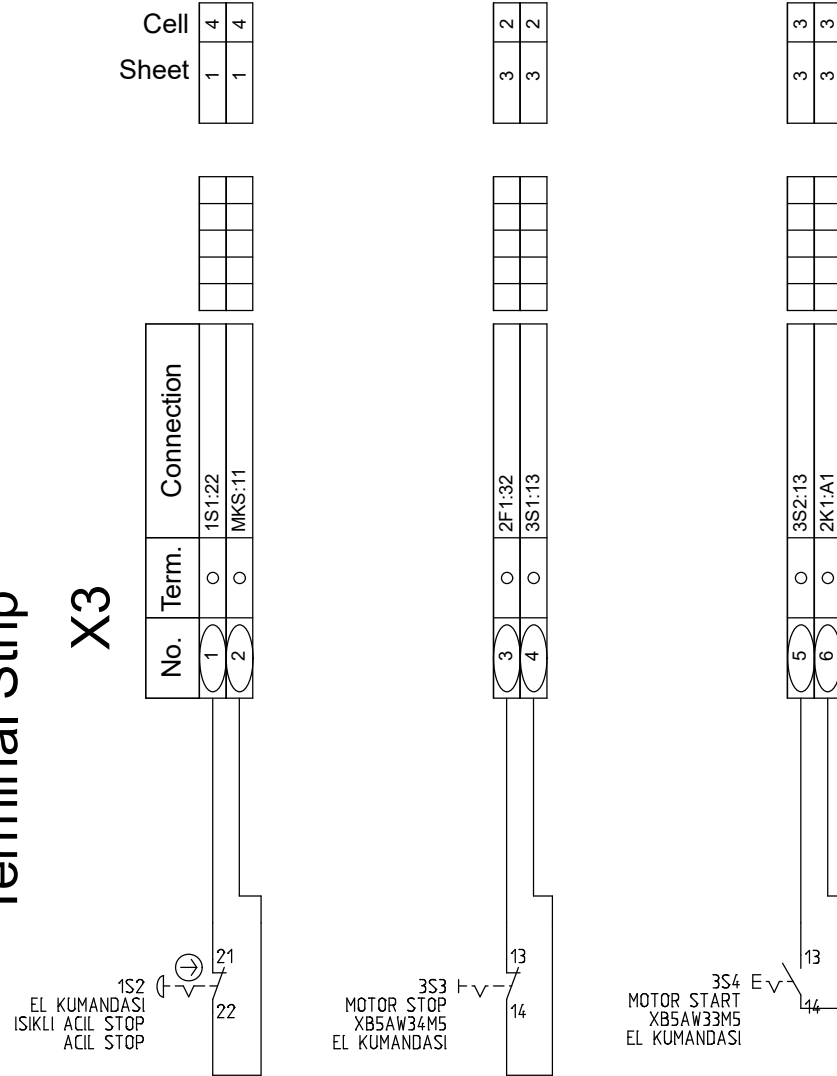
## Terminal Strip

X2



# Electric circuit diagram/Elektrik tesisat diyagramı- 22kW

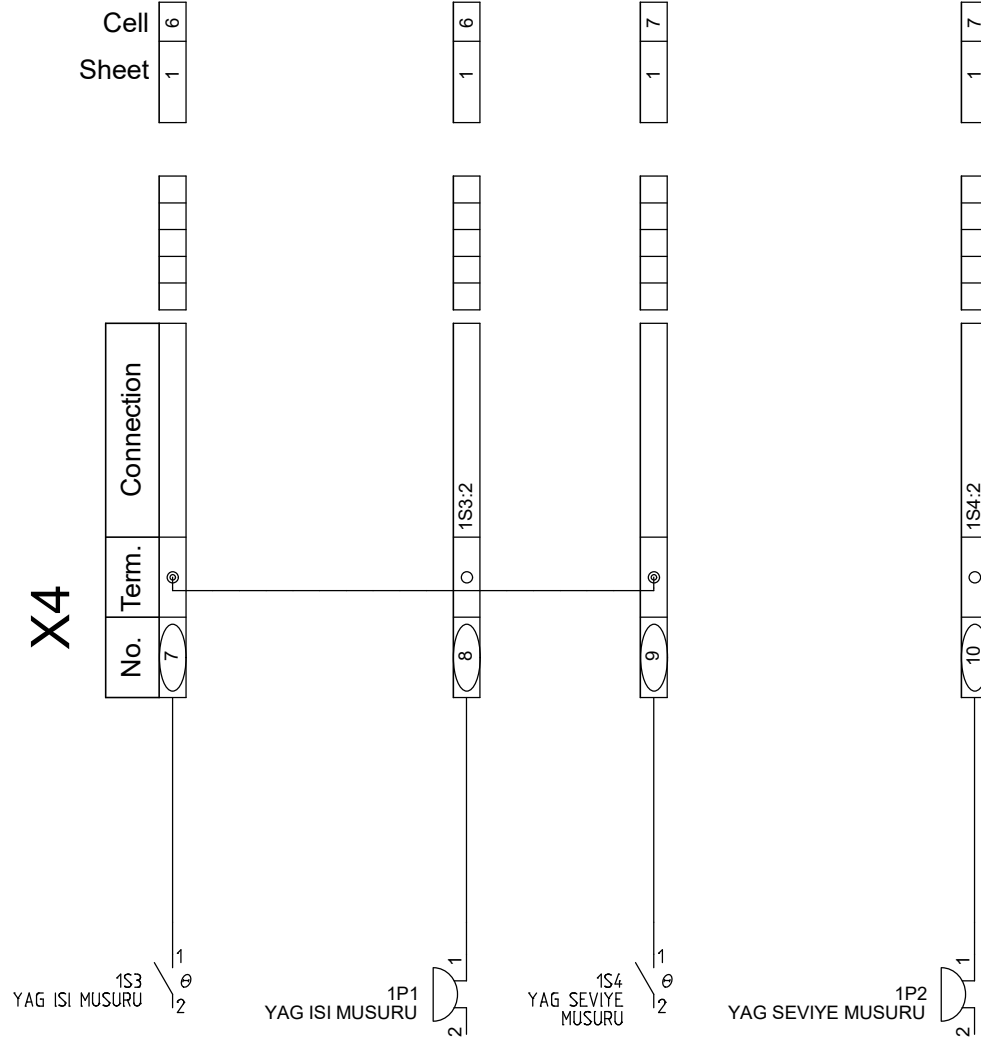
Terminal Strip  
X3



# Electric circuit diagram/Elektrik tesisat diyagramı- 22kW

## Terminal Strip

X4



## Terminal Strip

X5

