

# Ciśnienie pracy końcówek do węży hydraulicznych

| Kurz<br>bezeich-<br>nung | DN<br>Size<br>Zoll | 4<br>2<br>1/8" | 5<br>3<br>3/16" | 6<br>4<br>1/4" | 8<br>5<br>5/16" | 10<br>6<br>3/8" | 12<br>8<br>1/2" | 16<br>10<br>5/8" | 19<br>12<br>3/4" | 25<br>16<br>1" | 31<br>20<br>1 1/4" | 38<br>24<br>1 1/2" | 51<br>32<br>2" | 60<br>36<br>2 1/2" | 75<br>48<br>3" | 90<br>56<br>3 1/2" | 100<br>64<br>4" | 150<br>96<br>5" | 200<br>128 |
|--------------------------|--------------------|----------------|-----------------|----------------|-----------------|-----------------|-----------------|------------------|------------------|----------------|--------------------|--------------------|----------------|--------------------|----------------|--------------------|-----------------|-----------------|------------|
| DKOL                     | 051; 055; 059      |                | 06L             | 08L            | 10L             | 12L             | 15L             | 18L              | 22L              | 28L            | 35L                | 42L                |                |                    |                |                    |                 |                 |            |
|                          | O-Ring NBR 70      |                | 4,5x1,5         | 6,5x1,5        | 9,0x1,5         | 11,0x1,5        | 12,0x2,0        | 15,0x2,0         | 20,0x2,0         | 26,0x2,0       | 32,0x2,5           | 38,0x2,5           |                |                    |                |                    |                 |                 |            |
|                          | SW                 |                | 14              | 17             | 19              | 22              | 27              | 32               | 36               | 41             | 50                 | 60                 |                |                    |                |                    |                 |                 |            |
|                          | Gwint              |                | M12x1,5         | M14x1,5        | M16x1,5         | M18x1,5         | M22x1,5         | M26x1,5          | M30x2            | M36x2          | M45x2              | M52x2              |                |                    |                |                    |                 |                 |            |
|                          | M <sub>A</sub> *   |                | 20 Nm           | 30 Nm          | 45 Nm           | 60 Nm           | 75 Nm           | 100 Nm           | 135 Nm           | 170 Nm         | 280 Nm             | 400 Nm             |                |                    |                |                    |                 |                 |            |
| p Nenn [bar]             |                    |                | 415             | 450            | 420             | 380             | 325             | 315              | 280              | 200            | 160                | 160                |                |                    |                |                    |                 |                 |            |
| DKOL<br>7.05X            | O-Ring NBR 90      |                |                 |                |                 | 12L             | 15L             | 18L              |                  |                |                    |                    |                |                    |                |                    |                 |                 |            |
|                          | SW                 |                |                 |                |                 | 11,0x1,5        | 12,0x2,0        | 15,0x2,0         |                  |                |                    |                    |                |                    |                |                    |                 |                 |            |
|                          | Gwint              |                |                 |                |                 | 22              | 27              | 32               |                  |                |                    |                    |                |                    |                |                    |                 |                 |            |
|                          | M <sub>A</sub> *   |                |                 |                |                 | M18x1,5         | M22x1,5         | M26x1,5          |                  |                |                    |                    |                |                    |                |                    |                 |                 |            |
|                          | p Nenn [bar]       |                |                 |                |                 | 50 Nm           | 75 Nm           | 100 Nm           |                  |                |                    |                    |                |                    |                |                    |                 |                 |            |
| DKOS                     | 081; 085; 089      | 06S            | 08S             | 10S            | 12S             | 14S             | 16S             | 20S              | 25S              | 30S            | 38S                | 50S                |                |                    |                |                    |                 |                 |            |
|                          | O-Ring NBR 70      | 4,5x1,5        | 6,5x1,5         | 9,0x1,5        | 11,0x1,5        | 12,0x2,0        | 14,0x2,0        | 16,3x2,4         | 22,3x2,4         | 25,3x2,4       | 33,3x2,4           | 46,0x3,0           |                |                    |                |                    |                 |                 |            |
|                          | SW                 | 17             | 19              | 22             | 24              | 27              | 30              | 36               | 41/46            | 50             | 60                 | 80                 |                |                    |                |                    |                 |                 |            |
|                          | Gwint              | M14x1,5        | M16x1,5         | M18x1,5        | M20x1,5         | M22x1,5         | M24x1,5         | M30x2            | M36x2            | M42x2          | M52x2              | M68x2              |                |                    |                |                    |                 |                 |            |
|                          | M <sub>A</sub>     | 30 Nm          | 45 Nm           | 50 Nm          | 60 Nm           | 75 Nm           | 90 Nm           | 135 Nm           | 170 Nm           | 240 Nm         | 400 Nm             | 500 Nm             |                |                    |                |                    |                 |                 |            |
| p Nenn [bar]             | 630                | 630            | 630             | 630            | 630             | 470             | 420             | 420              | 400              | 350            | 250                |                    |                |                    |                |                    |                 |                 |            |
| DKOS<br>7.08X<br>7.58X   | 581; 585; 589      |                |                 |                |                 |                 |                 | 20S              | 25S              | 30S            | 38S                | 50S                |                |                    |                |                    |                 |                 |            |
|                          | O-Ring NBR 90      |                |                 |                |                 |                 |                 | 16,3x2,4         | 22,3x2,4         | 25,3x2,4       | 33,3x2,4           | 46,0x3,0           |                |                    |                |                    |                 |                 |            |
|                          | SW                 |                |                 |                |                 |                 |                 | 36               | 41/46            | 50             | 60                 | 80                 |                |                    |                |                    |                 |                 |            |
|                          | Gwint              |                |                 |                |                 |                 |                 | M30x2            | M36x2            | M42x2          | M52x2              | M68x2              |                |                    |                |                    |                 |                 |            |
|                          | M <sub>A</sub> *   |                |                 |                |                 |                 |                 | 135 Nm           | 220 Nm           | 270 Nm         | 400 Nm             | 500 Nm             |                |                    |                |                    |                 |                 |            |
| p Nenn [bar]             |                    |                |                 |                |                 |                 | 450             | 420              | 420              | 420            | 310                |                    |                |                    |                |                    |                 |                 |            |
| DKL                      | 041; 045; 049      |                | 06L             | 08L            | 10L             | 12L             | 15L             | 18L              | 22L              | 28L            | 35L                | 42L                |                |                    |                |                    |                 |                 |            |
|                          | SW                 |                | 14              | 17             | 19              | 22              | 27              | 32               | 36               | 41             | 50                 | 60                 |                |                    |                |                    |                 |                 |            |
|                          | Gwint              |                | M12x1,5         | M14x1,5        | M16x1,5         | M18x1,5         | M22x1,5         | M26x1,5          | M30x2            | M36x2          | M45x2              | M52x2              |                |                    |                |                    |                 |                 |            |
|                          | M <sub>A</sub> *   |                |                 |                |                 |                 |                 |                  |                  |                |                    |                    |                |                    |                |                    |                 |                 |            |
|                          | p Nenn [bar]       |                | 250             | 250            | 250             | 250             | 250             | 160              | 63               | 63             | 63                 | 63                 |                |                    |                |                    |                 |                 |            |
| DKL-FLD                  | 048                |                |                 |                |                 |                 |                 |                  |                  |                |                    |                    |                |                    |                |                    |                 |                 |            |
|                          | SW                 |                | 14              | 17             | 19              | 22              | 27              | 32               | 36               | 41             | 50                 | 60                 |                |                    |                |                    |                 |                 |            |
|                          | Gwint              |                | M12x1,5         | M14x1,5        | M16x1,5         | M18x1,5         | M22x1,5         | M26x1,5          | M30x2            | M36x2          | M45x2              | M52x2              |                |                    |                |                    |                 |                 |            |
|                          | M <sub>A</sub> *   |                |                 |                |                 |                 |                 |                  |                  |                |                    |                    |                |                    |                |                    |                 |                 |            |
|                          | p Nenn [bar]       |                | 40              | 40             | 40              | 40              | 40              | 40               | 40               | 40             | 40                 | 40                 |                |                    |                |                    |                 |                 |            |
| CEL                      | 170; 175; 179      |                | 06L             | 08L            | 10L             | 12L             | 15L             | 18L              | 22L              | 28L            | 35L                | 42L                |                |                    |                |                    |                 |                 |            |
|                          | SW                 |                | 14              | 14             | 17              | 19              | 22              | 27               | 30               | 36             | 46                 | 55                 |                |                    |                |                    |                 |                 |            |
|                          | Gwint              |                | M12x1,5         | M14x1,5        | M16x1,5         | M18x1,5         | M22x1,5         | M26x1,5          | M30x2            | M36x2          | M45x2              | M52x2              |                |                    |                |                    |                 |                 |            |
|                          | M <sub>A</sub> *   |                | 20 Nm           | 30 Nm          | 45 Nm           | 50 Nm           | 75 Nm           | 100 Nm           | 135 Nm           | 170 Nm         | 280 Nm             | 400 Nm             |                |                    |                |                    |                 |                 |            |
|                          | p Nenn [bar]       |                | 415             | 450            | 420             | 380             | 325             | 315              | 280              | 200            | 160                | 160                |                |                    |                |                    |                 |                 |            |

# Ciśnienie pracy końcówek do węży hydraulicznych

|                               | DN<br>Size<br>Zoll              | 4<br>2<br>1/8"         | 5<br>3<br>3/16"        | 6<br>4<br>1/4"         | 8<br>5<br>5/16"        | 10<br>6<br>3/8"        | 12<br>8<br>1/2"             | 16<br>10<br>5/8"      | 19<br>12<br>3/4"      | 25<br>16<br>1"        | 31<br>20<br>1 1/4"    | 38<br>24<br>1 1/2"    | 51<br>32<br>2" | 60<br>36<br>2 1/2" | 75<br>48<br>3" | 90<br>56<br>3 1/2" | 100<br>64<br>4" | 150<br>96<br>5" | 200<br>128 |
|-------------------------------|---------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------|--------------------|----------------|--------------------|-----------------|-----------------|------------|
| CES                           | 180; 185; 189                   | 06S                    | 08S                    | 10S                    | 12S                    | 14S                    | 16S                         | 20S                   | 25S                   | 30S                   | 38S                   | 50S                   |                |                    |                |                    |                 |                 |            |
|                               | SW<br>Gwint<br>M <sub>A</sub> * | 14<br>M14x1,5<br>30 Nm | 17<br>M16x1,5<br>45 Nm | 19<br>M18x1,5<br>50 Nm | 22<br>M20x1,5<br>60 Nm | 22<br>M22x1,5<br>75 Nm | 24 / 27<br>M24x1,5<br>90 Nm | 30<br>M30x2<br>135 Nm | 36<br>M36x2<br>170 Nm | 46<br>M42x2<br>240 Nm | 55<br>M52x2<br>400 Nm | 70<br>M68x2<br>500 Nm |                |                    |                |                    |                 |                 |            |
|                               | p Nenn [bar]                    | 630                    | 630                    | 630                    | 630                    | 630                    | 420                         | 420                   | 420                   | 400                   | 350                   | 250                   |                |                    |                |                    |                 |                 |            |
| SFL                           | 420; 450; 470<br>Flansch-ø "C"  |                        | 3/16"                  | 1/4"                   | 5/16"                  | 3/8"                   | 1/2"                        |                       | 3/4"                  | 1"                    | 1 1/4"                | 1 1/2"                | 2"             | 2 1/2"             | 3"             | 3 1/2"             | 4"              | 5"              |            |
| DIN ISO<br>6162-1:<br>2006-02 | O-Ring NBR 90                   |                        |                        |                        |                        |                        | 30,2                        |                       | 38,1                  | 44,4                  | 50,8                  | 60,3                  | 71,4           | 84,1               | 101,6          | 114,3              | 127             | 152,4           |            |
|                               | Schrauben                       |                        |                        |                        |                        |                        | 18,64x3,53                  |                       | 24,99x3,53            | 32,92x3,53            | 37,69x3,53            | 47,22x3,53            | 56,74x3,53     | 69,44x3,53         | 85,32x3,53     | 98,02x3,53         | 110,72x3,53     | 136,12x3,53     |            |
|                               | M <sub>A</sub> *                |                        |                        |                        |                        |                        | M8 8.8                      |                       | M10 8.8               | M10 8.8               | M10 8.8               | M12 8.8               | M12 8.8        | M12 8.8            | M16 8.8        | M16 8.8            | M16 8.8         | M16 8.8         |            |
|                               | p Nenn [bar]                    |                        |                        |                        |                        |                        | 35 Nm                       |                       | 70 Nm                 | 70 Nm                 | 70 Nm                 | 130 Nm                | 130 Nm         | 130 Nm             | 295 Nm         | 295 Nm             | 295 Nm          | 295 Nm          |            |
|                               |                                 |                        |                        |                        |                        |                        | 350                         |                       | 350                   | 315                   | 250                   | 200                   | 200            | 160                | 160            | 35                 | 35              | 35              |            |
| SFS                           | 421; 451; 471<br>O-Ring NBR 90  |                        | 3/16"                  | 1/4"                   | 5/16"                  | 3/8"                   | 1/2"                        |                       | 3/4"                  | 1"                    | 1 1/4"                | 1 1/2"                | 2"             | 2 1/2"             |                |                    |                 |                 |            |
| DIN ISO<br>6162-2:<br>2006-02 | O-Ring NBR 90                   |                        |                        |                        |                        |                        | 18,64x3,53                  |                       | 24,99x3,53            | 32,92x3,53            | 37,69x3,53            | 47,22x3,53            | 56,74x3,53     | 69,44x3,53         |                |                    |                 |                 |            |
|                               | Schrauben                       |                        |                        |                        |                        |                        | M8                          |                       | M10 10.9              | M12 10.9              | M14 10.9              | M16 10.9              | M20 10.9       | M24 10.9           |                |                    |                 |                 |            |
|                               | M <sub>A</sub> *                |                        |                        |                        |                        |                        | 35 Nm                       |                       | 75 Nm                 | 140 Nm                | 140 Nm                | 310 Nm                | 550 Nm         |                    |                |                    |                 |                 |            |
|                               | p Nenn [bar]                    |                        |                        |                        |                        |                        | 420                         |                       | 420                   | 420                   | 420                   | 350                   | 350            |                    |                |                    |                 |                 |            |
| KFL                           | 520; 550; 570<br>O-Ring NBR 90  |                        |                        |                        |                        |                        |                             |                       | 3/4"                  | 1"                    | 1 1/4"                | 1 1/2"                | 2"             |                    |                |                    |                 |                 |            |
| Konufl.                       | O-Ring NBR 90                   |                        |                        |                        |                        |                        |                             |                       | 24,99x3,53            | 32,92x3,53            | 37,69x3,53            | 47,22x3,53            | 56,74x3,53     |                    |                |                    |                 |                 |            |
|                               | Schrauben                       |                        |                        |                        |                        |                        |                             |                       | M10 10.9              | M10 10.9              | M10 10.9              | M12 10.9              | M12 10.9       |                    |                |                    |                 |                 |            |
|                               | M <sub>A</sub> *                |                        |                        |                        |                        |                        |                             |                       | 70 Nm                 | 70 Nm                 | 70 Nm                 | 130 Nm                | 130 Nm         |                    |                |                    |                 |                 |            |
|                               | p Nenn [bar]                    |                        |                        |                        |                        |                        |                             |                       | 350                   | 350                   | 320                   | 280                   | 250            |                    |                |                    |                 |                 |            |
| KFS                           | 521; 551; 571<br>O-Ring NBR 90  |                        |                        |                        |                        |                        |                             |                       | 3/4"                  | 1"                    | 1 1/4"                | 1 1/2"                | 2"             |                    |                |                    |                 |                 |            |
| Konufl.                       | O-Ring NBR 90                   |                        |                        |                        |                        |                        |                             |                       | 24,99x3,53            | 32,92x3,53            | 37,69x3,53            | 47,22x3,53            | 56,74x3,53     |                    |                |                    |                 |                 |            |
|                               | Schrauben                       |                        |                        |                        |                        |                        |                             |                       | M10 10.9              | M12 10.9              | M14 10.9              | M16 10.9              | M20 10.9       |                    |                |                    |                 |                 |            |
|                               | M <sub>A</sub> *                |                        |                        |                        |                        |                        |                             |                       | 70 Nm                 | 125 Nm                | 185 Nm                | 305 Nm                | 430 Nm         |                    |                |                    |                 |                 |            |
|                               | p Nenn [bar]                    |                        |                        |                        |                        |                        |                             |                       | 420                   | 420                   | 420                   | 420                   | 350            |                    |                |                    |                 |                 |            |
| ZAKO-L                        | 620; 650; 670<br>O-Ring NBR 90  |                        |                        |                        |                        |                        |                             |                       | 3/4"                  | 1"                    | 1 1/4"                | 1 1/2"                | 2"             |                    |                |                    |                 |                 |            |
|                               | O-Ring NBR 90                   |                        |                        |                        |                        |                        |                             |                       | 24,99x3,53            | 32,92x3,53            | 37,69x3,53            | 47,22x3,53            | 56,74x3,53     |                    |                |                    |                 |                 |            |
|                               | Schrauben                       |                        |                        |                        |                        |                        |                             |                       |                       |                       |                       |                       |                |                    |                |                    |                 |                 |            |
|                               | M <sub>A</sub> *                |                        |                        |                        |                        |                        |                             |                       |                       |                       |                       |                       |                |                    |                |                    |                 |                 |            |
|                               | p Nenn [bar]                    |                        |                        |                        |                        |                        |                             |                       | 350                   | 350                   | 320                   | 280                   | 250            |                    |                |                    |                 |                 |            |
| ZAKO-S                        | 621; 651; 671<br>O-Ring NBR 90  |                        |                        |                        |                        |                        |                             |                       | 3/4"                  | 1"                    | 1 1/4"                | 1 1/2"                | 2"             |                    |                |                    |                 |                 |            |
|                               | O-Ring NBR 90                   |                        |                        |                        |                        |                        |                             |                       | 24,99x3,53            | 32,92x3,53            | 37,69x3,53            | 47,22x3,53            | 56,74x3,53     |                    |                |                    |                 |                 |            |
|                               | Schrauben                       |                        |                        |                        |                        |                        |                             |                       | M10 10.9              | M12 10.9              | M14 10.9              | M16 10.9              | M20 10.9       |                    |                |                    |                 |                 |            |
|                               | M <sub>A</sub> *                |                        |                        |                        |                        |                        |                             |                       | 70 Nm                 | 125 Nm                | 185 Nm                | 305 Nm                | 430 Nm         |                    |                |                    |                 |                 |            |
|                               | p Nenn [bar]                    |                        |                        |                        |                        |                        |                             |                       | 420                   | 420                   | 420                   | 420                   | 350            |                    |                |                    |                 |                 |            |

# Ciśnienie pracy końcówek do węży hydraulicznych

|                      | DN<br>Size<br>Zoll              | 4<br>2<br>1/8" | 5<br>3<br>3/16" | 6<br>4<br>1/4"       | 8<br>5<br>5/16"      | 10<br>6<br>3/8"      | 12<br>8<br>1/2"      | 16<br>10<br>5/8"     | 19<br>12<br>3/4"                            | 25<br>16<br>1"                            | 31<br>20<br>1 1/4"                        | 38<br>24<br>1 1/2"       | 51<br>32<br>2"       | 60<br>36<br>2 1/2"   | 75<br>48<br>3"        | 90<br>56<br>3 1/2" | 100<br>64<br>4" | 150<br>96<br>5" | 200<br>128 |
|----------------------|---------------------------------|----------------|-----------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------------------------------|-------------------------------------------|-------------------------------------------|--------------------------|----------------------|----------------------|-----------------------|--------------------|-----------------|-----------------|------------|
| <b>8. SFS</b>        | Dichtung NBR 90                 |                |                 |                      |                      |                      |                      |                      | 3/4"<br>DRKTS-<br>032,92x03,40x0<br>3,40-90 | 1"<br>DRKTS-<br>032,92x03,40x0<br>3,40-90 | 1 1/4"<br>DRKTS-<br>37,69x3,40x3,40<br>90 |                          |                      |                      |                       |                    |                 |                 |            |
|                      | Schrauben<br>M <sub>A</sub> *   |                |                 |                      |                      |                      |                      |                      | M10 12.9<br>77 Nm                           | M12 12.9<br>135 Nm                        | M14 12.9<br>210 Nm                        |                          |                      |                      |                       |                    |                 |                 |            |
| <b>8000 PSI</b>      | p Nenn [bar]                    |                |                 |                      |                      |                      |                      |                      | <b>560</b>                                  | <b>560</b>                                | <b>525</b>                                |                          |                      |                      |                       |                    |                 |                 |            |
| <b>8. DKOS</b>       | O-Ring                          |                |                 |                      |                      |                      |                      |                      | 3/4"<br>22,3x2,4<br>NBR 70<br>46            | 1"<br>25,3x2,4<br>NBR 90<br>55            | 1 1/4"<br>33,3x2,4<br>NBR 90<br>65        |                          |                      |                      |                       |                    |                 |                 |            |
|                      | SW<br>Gwint<br>M <sub>A</sub> * |                |                 |                      |                      |                      |                      |                      | M36x2<br>265 Nm                             | M42x2<br>325 Nm                           | M52x2<br>460 Nm                           |                          |                      |                      |                       |                    |                 |                 |            |
| <b>8000 PSI</b>      | p Nenn [bar]                    |                |                 |                      |                      |                      |                      |                      | <b>560</b>                                  | <b>560</b>                                | <b>525</b>                                |                          |                      |                      |                       |                    |                 |                 |            |
| <b>DKM<br/>DKM/O</b> | 011; 015; 019                   |                |                 |                      |                      |                      |                      |                      | M30x1,5<br>36<br>M30x1,5                    | M38x1,5<br>46<br>M38x1,5                  | M45x1,5<br>55<br>M45x1,5                  | M52x1,5<br>60<br>M52x1,5 | M65x2<br>75<br>M65x2 | M78x2<br>90<br>M78x2 | M90x2<br>100<br>M90x2 |                    |                 |                 |            |
|                      | SW<br>Gwint<br>M <sub>A</sub> * |                |                 |                      |                      |                      |                      |                      | <b>63</b>                                   | <b>63</b>                                 | <b>63</b>                                 | <b>63</b>                | <b>80</b>            | <b>40</b>            | <b>40</b>             |                    |                 |                 |            |
|                      | p Nenn [bar]                    |                |                 |                      |                      |                      |                      |                      | <b>63</b>                                   | <b>63</b>                                 | <b>63</b>                                 | <b>63</b>                | <b>80</b>            | <b>40</b>            | <b>40</b>             |                    |                 |                 |            |
| <b>AGM</b>           | 111;115; 119                    |                |                 |                      |                      |                      |                      |                      | M30x1,5<br>30<br>M30x1,5                    | M38x1,5<br>41<br>M38x1,5                  | M45x1,5<br>46<br>M45x1,5                  | M52x1,5<br>55<br>M52x1,5 | M65x2<br>65<br>M65x2 |                      |                       |                    |                 |                 |            |
|                      | SW<br>Gwint<br>M <sub>A</sub> * |                |                 |                      |                      |                      |                      |                      | <b>63</b>                                   | <b>63</b>                                 | <b>63</b>                                 | <b>63</b>                | <b>80</b>            |                      |                       |                    |                 |                 |            |
|                      | p Nenn [bar]                    |                |                 |                      |                      |                      |                      |                      | <b>63</b>                                   | <b>63</b>                                 | <b>63</b>                                 | <b>63</b>                | <b>80</b>            |                      |                       |                    |                 |                 |            |
| <b>DKJ</b>           | 313; 343; 353                   |                |                 | 7/16-20 UNF          | 1/2-20 UNF           | 9/16-18 UNF          | 3/4-16UNF            | 7/8-14 UNF           | 1 1/16-12 UN                                | 1 5/16-12 UN                              | 1 5/8-12 UN                               | 1 7/8-12 UN              | 2 1/2-12 UN          |                      |                       |                    |                 |                 |            |
|                      | SW<br>Gwint<br>M <sub>A</sub> * |                |                 | 14<br>7/16-20 UNF    | 17<br>1/2-20 UNF     | 19<br>9/16-18 UNF    | 22<br>3/4-16UNF      | 27<br>7/8-14 UNF     | 32<br>1 1/16-12 UN                          | 41<br>1 5/16-12 UN                        | 50<br>1 5/8-12 UN                         | 60<br>1 7/8-12 UN        | 75<br>2 1/2-12 UN    |                      |                       |                    |                 |                 |            |
|                      | p Nenn [bar]                    |                |                 | 15...17 Nm           | 19...21 Nm           | 24...26 Nm           | 49...54 Nm           | 77...85 Nm           | 107...118 Nm                                | 147...162 Nm                              | 172...189 Nm                              | 215...236 Nm             | 332...365 Nm         |                      |                       |                    |                 |                 |            |
|                      |                                 |                |                 | <b>350</b>           | <b>350</b>           | <b>350</b>           | <b>310</b>           | <b>240</b>           | <b>240</b>                                  | <b>210</b>                                | <b>170</b>                                | <b>140</b>               | <b>80</b>            |                      |                       |                    |                 |                 |            |
| <b>DKR</b>           | 203; 233; 243                   |                |                 | G 1/8                | G 1/4                | G 3/8                | G 1/2                | G 5/8                | G 3/4                                       | G 1                                       | G 1 1/4                                   | G 1 1/2                  | G 2                  | G 2 1/2              |                       |                    |                 |                 |            |
|                      | SW<br>Gwint<br>M <sub>A</sub> * |                |                 | 14<br>G 1/8<br>10 Nm | 19<br>G 1/4<br>20 Nm | 22<br>G 3/8<br>35 Nm | 27<br>G 1/2<br>60 Nm | 30<br>G 5/8<br>70 Nm | 32<br>G 3/4<br>115 Nm                       | 41<br>G 1<br>140 Nm                       | 50<br>G 1 1/4<br>210 Nm                   | 55<br>G 1 1/2<br>290 Nm  | 70<br>G 2<br>400 Nm  |                      |                       |                    |                 |                 |            |
|                      | p Nenn [bar]                    |                |                 | <b>350</b>           | <b>350</b>           | <b>350</b>           | <b>315</b>           | <b>315</b>           | <b>250</b>                                  | <b>200</b>                                | <b>160</b>                                | <b>125</b>               | <b>80</b>            | <b>40</b>            |                       |                    |                 |                 |            |

# Ciśnienie pracy końcówek do węży hydraulicznych

|             | DN<br>Size<br>Zoll | 4<br>2<br>1/8" | 5<br>3<br>3/16" | 6<br>4<br>1/4" | 8<br>5<br>5/16" | 10<br>6<br>3/8" | 12<br>8<br>1/2" | 16<br>10<br>5/8" | 19<br>12<br>3/4" | 25<br>16<br>1" | 31<br>20<br>1 1/4" | 38<br>24<br>1 1/2" | 51<br>32<br>2" | 60<br>36<br>2 1/2" | 75<br>48<br>3" | 90<br>56<br>3 1/2" | 100<br>64<br>4" | 150<br>96<br>5" | 200<br>128 |
|-------------|--------------------|----------------|-----------------|----------------|-----------------|-----------------|-----------------|------------------|------------------|----------------|--------------------|--------------------|----------------|--------------------|----------------|--------------------|-----------------|-----------------|------------|
| <b>DKOR</b> | 203/O; 233/O       |                |                 | G 1/8          | G 1/4           | G 3/8           | G 1/2           | G 5/8            | G 3/4            | G 1            | G 1 1/4            | G 1 1/2            | G 2            |                    |                |                    |                 |                 |            |
|             | SW                 |                |                 | 14             | 19              | 22              | 27              | 30               | 32               | 41             | 50                 | 55                 | 70             |                    |                |                    |                 |                 |            |
|             | Gwint              |                |                 | G 1/8          | G 1/4           | G 3/8           | G 1/2           | G 5/8            | G 3/4            | G 1            | G 1 1/4            | G 1 1/2            | G 2            |                    |                |                    |                 |                 |            |
|             | M <sub>A</sub> *   |                |                 | -              | 20 Nm           | 35 Nm           | 50 Nm           | 60 Nm            | 85 Nm            | 115 Nm         | 190 Nm             | 240 Nm             | 300 Nm         |                    |                |                    |                 |                 |            |
|             | p Nenn [bar]       |                |                 | -              | <b>400</b>      | <b>400</b>      | <b>350</b>      | <b>350</b>       | <b>315</b>       | <b>250</b>     | <b>200</b>         | <b>160</b>         | <b>125</b>     |                    |                |                    |                 |                 |            |
| <b>AGJ</b>  | 370                |                |                 | 7/16-20 UNF    | 1/2-20 UNF      | 9/16-18 UNF     | 3/4-16UNF       | 7/8-14 UNF       | 1 1/16-12 UN     | 1 5/16-12 UN   | 1 5/8-12 UN        | 1 7/8-12 UN        | 2 1/2-12 UN    |                    |                |                    |                 |                 |            |
|             | SW                 |                |                 | 14             | 17              | 19              | 22              | 27               | 32               | 41             | 50                 | 60                 | 75             |                    |                |                    |                 |                 |            |
|             | Gwint              |                |                 | 7/16-20 UNF    | 1/2-20 UNF      | 9/16-18 UNF     | 3/4-16UNF       | 7/8-14 UNF       | 1 1/16-12 UN     | 1 5/16-12 UN   | 1 5/8-12 UN        | 1 7/8-12 UN        | 2 1/2-12 UN    |                    |                |                    |                 |                 |            |
|             | M <sub>A</sub> *   |                |                 | 15...17 Nm     | 19...21 Nm      | 24...26 Nm      | 49...54 Nm      | 77...85 Nm       | 107...118 Nm     | 147...162 Nm   | 172...189 Nm       | 215...236 Nm       | 332...365 Nm   |                    |                |                    |                 |                 |            |
|             | p Nenn [bar]       |                |                 | <b>350</b>     | <b>350</b>      | <b>350</b>      | <b>310</b>      | <b>240</b>       | <b>240</b>       | <b>210</b>     | <b>170</b>         | <b>140</b>         | <b>80</b>      |                    |                |                    |                 |                 |            |
| <b>AGR</b>  | 260                |                |                 | G 1/8          | G 1/4           | G 3/8           | G 1/2           | G 5/8            | G 3/4            | G 1            | G 1 1/4            | G 1 1/2            | G 2            | G 2 1/2            | G 3            |                    |                 |                 |            |
|             | SW                 |                |                 | 40             | 14              | 17              | 22              | 24               | 27               | 36             | 46                 | 50                 | 60             |                    |                |                    |                 |                 |            |
|             | Gwint              |                |                 | G 1/8          | G 1/4           | G 3/8           | G 1/2           | G 5/8            | G 3/4            | G 1            | G 1 1/4            | G 1 1/2            | G 2            |                    |                |                    |                 |                 |            |
|             | M <sub>A</sub> *   |                |                 |                |                 |                 |                 |                  |                  |                |                    |                    |                |                    |                |                    |                 |                 |            |
|             | p Nenn [bar]       |                |                 | <b>350</b>     | <b>350</b>      | <b>350</b>      | <b>315</b>      | <b>315</b>       | <b>250</b>       | <b>200</b>     | <b>160</b>         | <b>125</b>         | <b>80</b>      | <b>40</b>          |                |                    |                 |                 |            |
| <b>AGRK</b> | 301                |                |                 | R 1/4          |                 | R 3/8           | R 1/2           |                  | R 3/4            | R 1            | R 1 1/4            | R 1 1/2            | R 2            |                    |                |                    |                 |                 |            |
|             | SW                 |                |                 | 17             |                 | 22              | 22              |                  | 30               | 41             | 46                 | 50                 | 65             |                    |                |                    |                 |                 |            |
|             | M <sub>A</sub> *   |                |                 |                |                 |                 |                 |                  |                  |                |                    |                    |                |                    |                |                    |                 |                 |            |
|             | p Nenn [bar]       |                |                 | <b>460</b>     |                 | <b>450</b>      | <b>420</b>      |                  | <b>360</b>       | <b>280</b>     | <b>250</b>         | <b>210</b>         | <b>210</b>     |                    |                |                    |                 |                 |            |
| <b>AGN</b>  | 300                |                |                 | 1/4-18 NPT     |                 | 3/8-18 NPT      | 1/2-14 NPT      |                  | 3/4-14 NPT       | 1- 11 1/2      | 1 1/4- 11 1/2      | 1 1/2- 11 1/2      | 2- 11 1/2      |                    |                |                    |                 |                 |            |
|             | SW                 |                |                 | 14             |                 | 19              | 22              |                  | 27               | 41             | 46                 | 50                 | 65             |                    |                |                    |                 |                 |            |
|             | Gwint              |                |                 | 1/4-18 NPT     |                 | 3/8-18 NPT      | 1/2-14 NPT      |                  | 3/4-14 NPT       | 1- 11 1/2 NPT  | 1 1/4- 11 1/2 NPT  | 1 1/2- 11 1/2 NPT  | 2- 11 1/2 NPT  |                    |                |                    |                 |                 |            |
|             | M <sub>A</sub> *   |                |                 |                |                 |                 |                 |                  |                  |                |                    |                    |                |                    |                |                    |                 |                 |            |
|             | p Nenn [bar]       |                |                 | <b>345</b>     |                 | <b>275</b>      | <b>240</b>      |                  | <b>210</b>       | <b>170</b>     | <b>150</b>         | <b>140</b>         | <b>140</b>     |                    |                |                    |                 |                 |            |
| <b>RGN</b>  | 090; 091           |                |                 | 4              | 5               | 6               | 8               | 10               | 12               | 15             | 18                 |                    |                |                    |                |                    |                 |                 |            |
|             | Hohlschraube       |                |                 | M8x1           | M8x1            | M10x1           | M12x1,5         | M14x1,5          | M16x1,5          | M18x1,5        | M22x1,5            |                    |                |                    |                |                    |                 |                 |            |
|             |                    |                |                 | 14             | 14              | 17              | 20              | 24               | 27               | 32             | 41                 |                    |                |                    |                |                    |                 |                 |            |
|             | M <sub>A</sub> *   |                |                 | 8 Nm           | 8 Nm            | 17 Nm           | 27 Nm           | 37 Nm            | 47 Nm            | 57 Nm          | 95 Nm              |                    |                |                    |                |                    |                 |                 |            |
|             | p Nenn [bar]       |                |                 | <b>200</b>     | <b>200</b>      | <b>200</b>      | <b>200</b>      | <b>200</b>       | <b>200</b>       | <b>200</b>     | <b>200</b>         |                    |                |                    |                |                    |                 |                 |            |

# Ciśnienie pracy końcówek do węży hydraulicznych

|                         | DN<br>Size<br>Zoll                                                   | 4<br>2<br>1/8"                          | 5<br>3<br>3/16"                          | 6<br>4<br>1/4"                           | 8<br>5<br>5/16"                          | 10<br>6<br>3/8"                          | 12<br>8<br>1/2"                          | 16<br>10<br>5/8"                          | 19<br>12<br>3/4"                        | 25<br>16<br>1"                          | 31<br>20<br>1 1/4"                      | 38<br>24<br>1 1/2"                      | 51<br>32<br>2" | 60<br>36<br>2 1/2" | 75<br>48<br>3" | 90<br>56<br>3 1/2" | 100<br>64<br>4" | 150<br>96<br>5" | 200<br>128 |
|-------------------------|----------------------------------------------------------------------|-----------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|-------------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|----------------|--------------------|----------------|--------------------|-----------------|-----------------|------------|
| JAP zöllig<br>JAP metr. | 061; 065; 069<br><br>M <sub>A</sub> *<br>p Nenn [bar]                |                                         |                                          |                                          |                                          |                                          |                                          |                                           |                                         |                                         |                                         |                                         |                |                    |                |                    |                 |                 |            |
|                         |                                                                      |                                         |                                          | 410                                      | 410                                      | 345                                      | 345                                      | 345                                       | 345                                     | 275                                     | 200                                     | 170                                     | 170            |                    |                |                    |                 |                 |            |
| ORFS                    | 315; 345; 355<br><br>M <sub>A</sub> *<br>p Nenn [bar]                |                                         |                                          | 9/16"-18<br><br>25...27<br>410           |                                          | 11/16"-16<br>40...44<br>410              | 13/16"-16<br>55...60<br>390              | 1"-14<br>60...68<br>360                   | 1 3/16"-12<br>90...95<br>360            | 1 7/16"-12<br>125...135<br>345          | 1 11/16"-12<br>170...190<br>275         | 2"-12<br>200...225<br>207               |                |                    |                |                    |                 |                 |            |
| ORS                     | 380<br><br>M <sub>A</sub> *<br>p Nenn [bar]                          |                                         |                                          | 9/16"-18<br><br>25...27<br>410           |                                          | 11/16"-16<br>40...44<br>410              | 13/16"-16<br>55...60<br>410              | 1"-14<br>60...68<br>410                   | 1 3/16"-12<br>90...95<br>410            | 1 7/16"-12<br>125...135<br>410          | 1 11/16"-12<br>170...190<br>275         | 2"-12<br>200...225<br>207               |                |                    |                |                    |                 |                 |            |
| RSL/BEL                 | 103; 105; 109<br><br>SW<br>Gwint<br>M <sub>A</sub> *<br>p Nenn [bar] |                                         | 6L<br><br>14<br>M12x1,5<br>20 Nm<br>250  | 8L<br><br>17<br>M14x1,5<br>30 Nm<br>250  | 10L<br><br>19<br>M16x1,5<br>45 Nm<br>250 | 12L<br><br>22<br>M18x1,5<br>50 Nm<br>250 | 15L<br><br>27<br>M22x1,5<br>75 Nm<br>250 | 18L<br><br>32<br>M26x1,5<br>100 Nm<br>160 | 22L<br><br>36<br>M30x2<br>135 Nm<br>160 | 28L<br><br>41<br>M36x2<br>170 Nm<br>100 | 35L<br><br>50<br>M45x2<br>280 Nm<br>100 | 42L<br><br>60<br>M52x2<br>400 Nm<br>100 |                |                    |                |                    |                 |                 |            |
| RSS/BES                 | 123; 125; 129<br><br>SW<br>Gwint<br>M <sub>A</sub> *<br>p Nenn [bar] | 6S<br><br>17<br>M14x1,5<br>30 Nm<br>400 | 08S<br><br>19<br>M16x1,5<br>45 Nm<br>400 | 10S<br><br>22<br>M18x1,5<br>50 Nm<br>400 | 12S<br><br>24<br>M20x1,5<br>60 Nm<br>400 | 14S<br><br>27<br>M22x1,5<br>75 Nm<br>400 | 16S<br><br>30<br>M24x1,5<br>90 Nm<br>400 | 20S<br><br>36<br>M30x2<br>135 Nm<br>400   | 25S<br><br>46<br>M36x2<br>170 Nm<br>400 | 30S<br><br>50<br>M42x2<br>240 Nm<br>250 | 38S<br><br>60<br>M52x2<br>400 Nm<br>250 |                                         |                |                    |                |                    |                 |                 |            |
| 1. CO2<br>DIN           | 1.CO2<br><br>M <sub>A</sub> *<br>p Nenn [bar]                        |                                         |                                          |                                          |                                          |                                          |                                          |                                           |                                         |                                         |                                         |                                         |                |                    |                |                    |                 |                 |            |
| 477/T1                  |                                                                      |                                         |                                          |                                          |                                          | 150                                      | 150                                      | 150                                       | 150                                     | 150                                     |                                         |                                         |                |                    |                |                    |                 |                 |            |