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# LOCK NUT CYLINDERS - JLLC

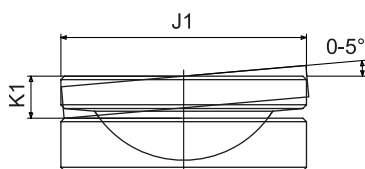
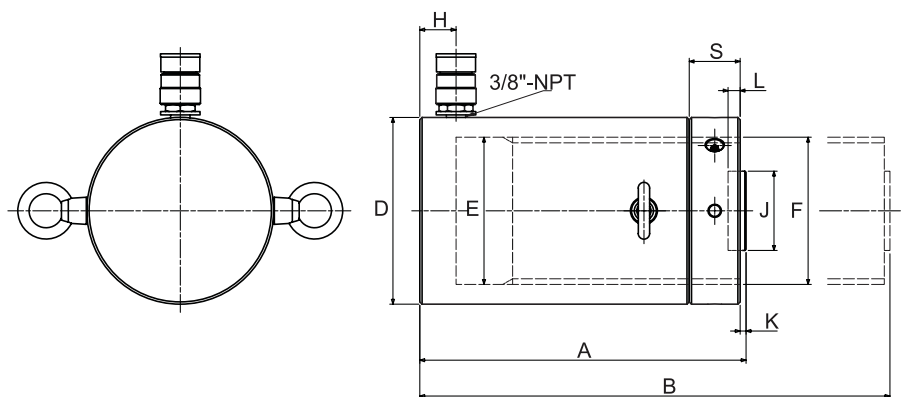
- Suitable for heavier duty applications.
  - Can both the lift and mechanically secure a load.
  - Tilting print head to take up uneven loading are available as accessories.
  - Hard chromed piston.
  - Capacity from 50-200 ton.
  - Load Return.
  - Equipped with lifting eyes.
  - Models with capacity up to 1000 ton are produced on request.
- Contact Us!**



| Part No   | Capacity (ton/kN) |      | Stroke (mm) | Cylinder effective area (cm <sup>2</sup> ) | Oil cap (cm <sup>3</sup> ) | A (mm) | B (mm) | D Ø (mm) | E Ø (mm) | F Ø (mm) | H (mm) | J (mm) | K (mm) | L (mm) | S (mm) | Weight (kg) |
|-----------|-------------------|------|-------------|--------------------------------------------|----------------------------|--------|--------|----------|----------|----------|--------|--------|--------|--------|--------|-------------|
| JLLC502   | 50                | 496  | 50          | 70,9                                       | 355                        | 164    | 214    | 125      | 95       | Tr95x4   | 20     | 70     | 2      | 13     | 35     | 15          |
| JLLC506   |                   |      | 150         |                                            | 1064                       | 264    | 414    |          |          |          |        |        |        |        |        | 25          |
| JLLC5010  |                   |      | 250         |                                            | 1772                       | 364    | 614    |          |          |          |        |        |        |        |        | 35          |
| JLLC1002  |                   |      | 50          |                                            | 665                        | 187    | 237    |          |          |          |        |        |        |        |        | 30          |
| JLLC1006  | 100               | 929  | 150         | 133                                        | 1995                       | 287    | 437    | 165      | 130      | Tr130x4  | 32     | 70     | 2      | 13     | 45     | 48          |
| JLLC10010 |                   |      | 250         |                                            | 3325                       | 387    | 637    |          |          |          |        |        |        |        |        | 64          |
| JLLC1502  | 150               | 1407 | 50          | 201                                        | 1005                       | 209    | 259    | 205      | 160      | Tr160x6  | 49     | 125    | 2      | 25     | 45     | 53          |
| JLLC1506  |                   |      | 150         |                                            | 3015                       | 309    | 459    |          |          |          |        |        |        |        |        | 78          |
| JLLC15012 |                   |      | 300         |                                            | 6030                       | 459    | 759    |          |          |          |        |        |        |        |        | 117         |
| JLLC2002  |                   |      | 50          |                                            | 1345                       | 243    | 293    |          |          |          |        |        |        |        |        | 83          |
| JLLC2006  | 200               | 1882 | 150         | 269                                        | 4035                       | 343    | 493    | 235      | 185      | Tr185x6  | 52     | 125    | 2      | 25     | 50     | 117         |
| JLLC20012 |                   |      | 300         |                                            | 8070                       | 493    | 793    |          |          |          |        |        |        |        |        | 170         |

## Accessories, Tilting saddle

| Part No | J1 Ø (mm) | K1 Ø (mm) | Cylinder  |
|---------|-----------|-----------|-----------|
| TSA-100 | 70        | 24        | JLLC502   |
|         |           |           | JLLC506   |
|         |           |           | JLLC5010  |
| TSA-100 | 70        | 24        | JLLC1002  |
|         |           |           | JLLC1006  |
|         |           |           | JLLC10010 |
| TSA-200 | 125       | 20        | JLLC1502  |
|         |           |           | JLLC1506  |
|         |           |           | JLLC15012 |
| TSA-200 | 125       | 20        | JLLC2002  |
|         |           |           | JLLC2006  |
|         |           |           | JLLC20012 |

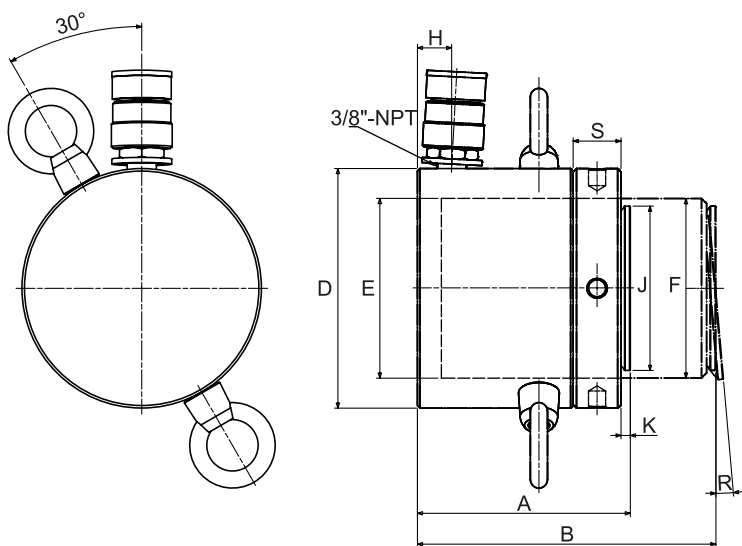


# LOCK NUT LOW CYLINDER - JLPC

- Can both the lift and mechanically secure a load.
- Capacity from 60-520 ton.
- Load Return.
- Equipped with lifting eyes.
- The piston has a tilt saddle to take up uneven load.



| Part No  | Capacity<br>(ton/kN) |      | Stroke<br>(mm) | Cylinder<br>effective<br>area<br>(cm <sup>2</sup> ) | Oil cap<br>(cm <sup>3</sup> ) | A<br>(mm) | B<br>(mm) | D Ø<br>(mm) | E Ø<br>(mm) | F Ø<br>(mm) | H<br>(mm) | J Ø<br>(mm) | K<br>(mm) | R  | S<br>(mm) | Weight<br>(kg) |
|----------|----------------------|------|----------------|-----------------------------------------------------|-------------------------------|-----------|-----------|-------------|-------------|-------------|-----------|-------------|-----------|----|-----------|----------------|
| JLPC602  | 60                   | 606  | 50             | 86,6                                                | 433                           | 125       | 175       | 140         | 105         | TR105x6     | 20        | 96          | 6         | 5° | 28        | 15             |
| JLPC1002 | 100                  | 1002 |                | 143                                                 | 715                           | 137       | 187       | 175         | 135         | TR135x6     | 21        | 126         | 8         |    | 31        | 26             |
| JLPC1502 | 150                  | 1497 |                | 214                                                 | 963                           | 148       | 193       | 220         | 165         | TR165x6     | 27        | 150         | 9         |    | 40        | 44             |
| JLPC2002 | 200                  | 1985 | 45             | 283                                                 | 1274                          | 155       | 200       | 245         | 190         | TR190x6     | 30        | 180         | 10        |    | 43        | 57             |
| JLPC2502 | 250                  | 2541 |                | 380                                                 | 1710                          | 159       | 204       | 275         | 215         | TR215x6     | 32        | 200         | 11        |    | 44        | 74             |
| JLPC4002 | 400                  | 4008 |                | 572                                                 | 2574                          | 178       | 223       | 350         | 270         | TR270x6     | 39        | 250         | 11        |    | 55        | 134            |
| JLPC5002 | 500                  | 4948 |                | 706                                                 | 3179                          | 192       | 237       | 400         | 300         | TR300x6     | 48        | 285         | 10        |    | 62        | 189            |



ELECTRIC PUMP  
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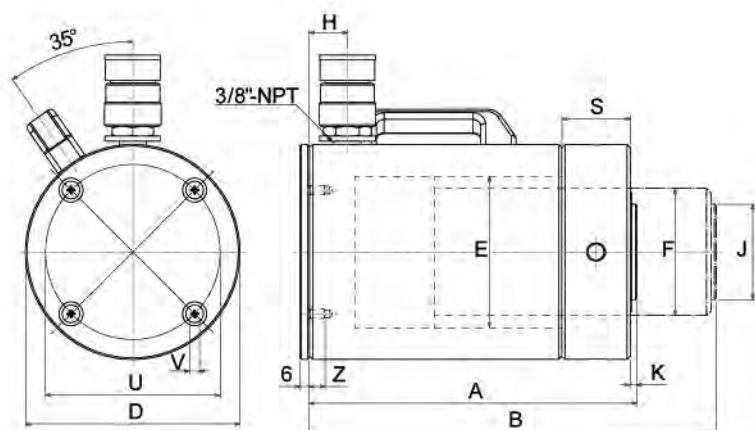
# LOCK NUT ALUMINUM CYLINDERS - ALNC

- Can both lift and mechanically secure a load.
- Trapezoid threaded rod for quick adjustment of the lock nut.
- Capacity from 20-100 ton.
- Built-in return spring.
- Carrying handle on the 50 and 100 ton models.
- Aluminum cylinders are designed to withstand 5000 cycles at maximum pressure. Should last a whole life under normal service and maintenance work.

OUR CYLINDERS  
CAN BE SUPPLIED  
WITH QUICK  
COUPLERS  
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| Part No   | Capacity<br>(ton/kN) |      | Stroke<br>(mm) | Cylinder<br>effective<br>area<br>(cm <sup>2</sup> ) | Oil cap<br>(cm <sup>3</sup> ) | A<br>(mm) | B<br>(mm) | D Ø<br>(mm) | E Ø<br>(mm) | F Ø<br>(mm) | H<br>(mm) | J<br>(mm) | K<br>(mm) | L<br>(mm) | Weight<br>(kg) |
|-----------|----------------------|------|----------------|-----------------------------------------------------|-------------------------------|-----------|-----------|-------------|-------------|-------------|-----------|-----------|-----------|-----------|----------------|
| ALNC202   | 20                   | 211  | 50             | 30,2                                                | 166                           | 212       | 262       | 92          | 62          | Tr55x3      | 25        | 40        | 3         | 25        | 4,8            |
| ALNC204   |                      |      | 100            |                                                     | 332                           | 262       | 362       |             |             |             |           |           |           |           | 5,5            |
| ALNC206   |                      |      | 150            |                                                     | 498                           | 312       | 462       |             |             |             |           |           |           |           | 6,3            |
| ALNC208   | 30                   | 309  | 200            | 44,2                                                | 664                           | 412       | 612       | 110         | 75          | Tr60x3      | 25        | 40        | 3         | 30        | 6,9            |
| ALNC302   |                      |      | 50             |                                                     | 221                           | 205       | 255       |             |             |             |           |           |           |           | 6,9            |
| ALNC304   |                      |      | 100            |                                                     | 442                           | 255       | 355       |             |             |             |           |           |           |           | 7,7            |
| ALNC306   | 50                   | 496  | 150            | 70,9                                                | 663                           | 305       | 455       | 135         | 95          | Tr80x4      | 30        | 60        | 3         | 43        | 8,6            |
| ALNC308   |                      |      | 200            |                                                     | 884                           | 355       | 555       |             |             |             |           |           |           |           | 9,6            |
| ALNC502   |                      |      | 50             |                                                     | 355                           | 212       | 262       |             |             |             |           |           |           |           | 9,3            |
| ALNC504   | 100                  | 1002 | 100            | 143                                                 | 709                           | 262       | 362       | 200         | 135         | Tr105x6     | 45        | 70        | 3         | 51        | 10,7           |
| ALNC506   |                      |      | 150            |                                                     | 1064                          | 312       | 462       |             |             |             |           |           |           |           | 13,7           |
| ALNC508   |                      |      | 200            |                                                     | 1418                          | 362       | 562       |             |             |             |           |           |           |           | 14,5           |
| ALNC5010  |                      |      | 250            |                                                     | 1773                          | 412       | 662       |             |             |             |           |           |           |           | 16,5           |
| ALNC1002  |                      |      | 50             |                                                     | 715                           | 235       | 285       |             |             |             |           |           |           |           | 22,0           |
| ALNC1004  |                      |      | 100            |                                                     | 1430                          | 285       | 385       |             |             |             |           |           |           |           | 25,0           |
| ALNC1006  |                      |      | 150            |                                                     | 2145                          | 335       | 485       |             |             |             |           |           |           |           | 29,0           |
| ALNC1008  |                      |      | 200            |                                                     | 2860                          | 385       | 585       |             |             |             |           |           |           |           | 33,0           |
| ALNC10010 |                      |      | 250            |                                                     | 3575                          | 438       | 688       |             |             |             |           |           |           |           | 35,0           |



Thanks to the threaded rod and nut can ALNC cylinders lift the load to the desired position, and then secure the load mechanically. This is done by the nut screwed down against the cylinder tube.





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