

# BRC, BRP-Series, Pull Cylinders

▼ Shown from left to right: BRC-25, BRC-46, BRP-306, BRP-606, BRP-106C

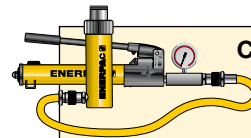


- High strength alloy steel construction
- Plunger blow-out protection to prevent rod over-extension
- Hard chrome-plated plunger for long life
- Replaceable links on BRP-models
- Baked enamel finish for increased corrosion resistance
- CR-400 coupler and dust cap included on all models
- Plunger wiper reduces contamination, extending cylinder life
- Single-acting, spring return.

▼ Ship building, welding and Enerpac pull cylinders go hand in hand.



## The Ultimate in Pulling Power



### Cylinder-Pump Sets

All cylinders marked with an \* are available as **sets** (cylinder, gauge, couplers, hose and pump) for your ordering convenience.

Page: 62



### Gauges

Minimize the risk of overloading and ensure long, dependable service from your equipment. Refer to the System Components Section for a full range of gauges.

Page: 118



### Attachments and Accessories

BRC-25 and BRC-46 units have base, collar and plunger threads to affix a range of optional attachments and accessories, such as chains, saddles and extension tubes.

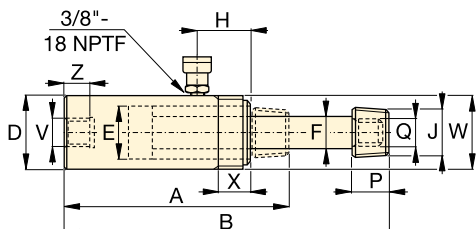
Page: 165

▼ To lift a load bearing mast into place, BRP-series cylinders were used to tension the supporting cables.

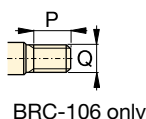


# Single-Acting, Pull Cylinders

| BRC Cylinder Mounting Dimensions (mm) |                      |                 |                     |                   |
|---------------------------------------|----------------------|-----------------|---------------------|-------------------|
| Model Number                          | Base Mounting Hole V | Collar Thread W | Collar Thd. Lgth. X | Mtg. Thd. Lgth. Z |
| <b>BRC-25</b>                         | 3/4" - 14 NPT        | 1 1/2" - 16 UN  | 24                  | 17                |
| <b>BRC-46</b>                         | 1 1/4" - 11 1/2 NPT  | 2 1/4" - 14 UN  | 26                  | 24                |
| <b>BRC-106</b>                        | M30 x 2              | M85 x 2         | 25                  | 24                |



**BRC-25, -46, 106**



BRC-106 only

**BRC,  
BRP  
Series**



Capacity:

**2,5 - 50 ton**

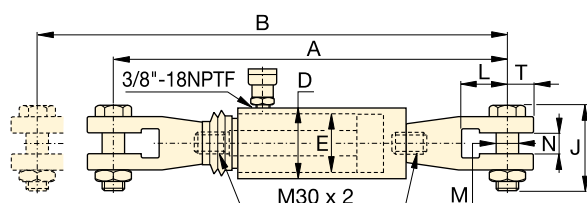
Stroke:

**127 - 155 mm**

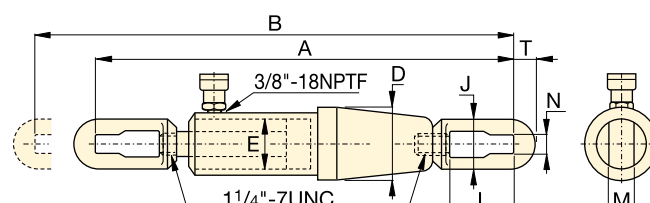
Maximum Operating Pressure:

**700 bar**

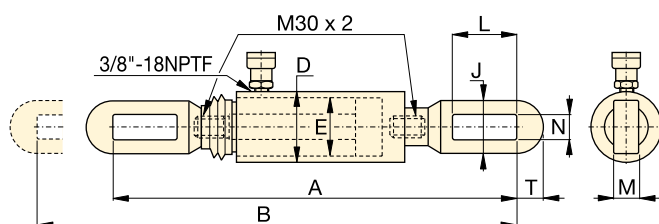
| Cylinder Capacity | Stroke | Model Number   | Cyl. Effect. Area  | Oil Cap.           | Coll. Height | Ext. Height | Outs. Dia. | Cyl. Bore Dia. | Plgr. Dia. | Top to Inlet Port H | Saddle Diameter J | Plgr. Thd. Lgth. P | Plunger Outside Thread Q |      |
|-------------------|--------|----------------|--------------------|--------------------|--------------|-------------|------------|----------------|------------|---------------------|-------------------|--------------------|--------------------------|------|
| ton (kN)          | (mm)   |                | (cm <sup>2</sup> ) | (cm <sup>3</sup> ) | A (mm)       | B (mm)      | D (mm)     | E (mm)         | F (mm)     | (mm)                | (NPT)             | (mm)               |                          | (kg) |
| <b>2,5 (24)</b>   | 127    | <b>BRC-25</b>  | 3,5                | 45                 | 264          | 391         | 48         | 28,4           | 19,0       | 45                  | 3/4" - 14         | 28                 | 1 1/16" - 24             | 1,8  |
| <b>5 (51)</b>     | 140    | <b>BRC-46</b>  | 7,3                | 101                | 301          | 441         | 57         | 42,9           | 30,2       | 42                  | 1 1/4" - 11 1/2   | 32                 | 1 3/16" - 16             | 4,5  |
| <b>10 (105)</b>   | 151    | <b>BRC-106</b> | 15,0               | 228                | 289          | 440         | 85         | 54,1           | 31,8       | 39                  | -                 | 25                 | M30x2                    | 9,5  |



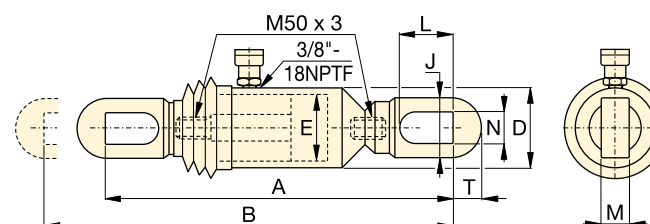
**BRP-106C**



**BRP-306**



**BRP-106L**



**BRP-606**

| Cylinder Capacity | Stroke | Model Number     | Cyl. Effect. Area  | Oil Cap.           | Coll. Height | Ext. Height | Outside Dia. | Cyl. Bore Dia. | Link Height | Link Opening L | Link Thickness M | Link Width N | Slot to Link End T |      |
|-------------------|--------|------------------|--------------------|--------------------|--------------|-------------|--------------|----------------|-------------|----------------|------------------|--------------|--------------------|------|
| ton (kN)          | (mm)   |                  | (cm <sup>2</sup> ) | (cm <sup>3</sup> ) | A (mm)       | B (mm)      | D (mm)       | E (mm)         | J (mm)      | (mm)           | (mm)             | (mm)         | (mm)               | (kg) |
| <b>10 (105)</b>   | 151    | <b>BRP-106C*</b> | 15,0               | 227                | 587          | 738         | 85           | 54,1           | 119         | 62             | 30               | 35           | 32                 | 15,9 |
|                   | 151    | <b>BRP-106L*</b> | 15,0               | 227                | 541          | 692         | 85           | 54,1           | 67          | 115            | 22               | 30           | 32                 | 13,2 |
| <b>30 (326)</b>   | 155    | <b>BRP-306*</b>  | 46,6               | 722                | 1085         | 1240        | 136          | 88,9           | 114         | 145            | 35               | 39           | 50                 | 48,1 |
| <b>50 (505)</b>   | 152    | <b>BRP-606*</b>  | 72,1               | 1096               | 719          | 871         | 140          | 110,0          | 130         | 149            | 39               | 50           | 70                 | 53,5 |

\* Available as set, see note on previous page. NOTE: BRP-106C, BRP-106L and BRP-606 are fitted with rubber bellows for rod protection.