



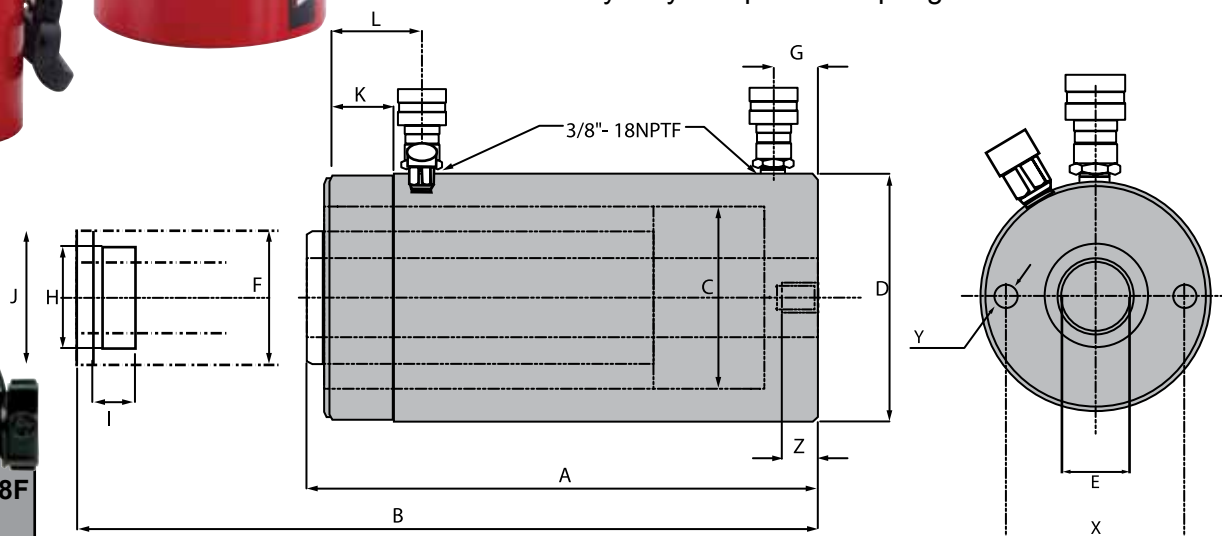
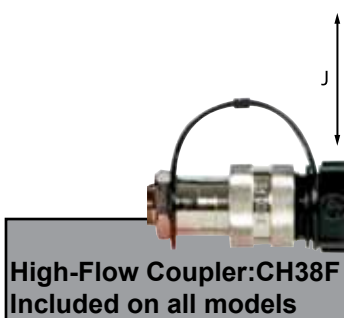
# BVA INDUSTRIAL HYDRAULIC EQUIPMENT

## HYDRAULICS

### DOUBLE ACTING HOLLOW HOLE CYLINDERS



- Ideal for pushing and pulling applications.
- Dual wipers help prevent contamination
- Collar thread protector
- 3/8" high flow female coupler
- Heavy duty compression spring



| Cylinder Capacity |            | Stroke (in) | Mode Number | Oil Capacity |            | Collapsed Height (in) | Extended Height (in) | Center Hole I.D. (in) | Ram Plunger O.D. (in) | Max. Pressure (PSI) | Product Weight (Lbs.) |
|-------------------|------------|-------------|-------------|--------------|------------|-----------------------|----------------------|-----------------------|-----------------------|---------------------|-----------------------|
| Push (ton)        | Pull (ton) |             |             | Push (in³)   | Pull (in³) |                       |                      |                       |                       |                     |                       |
| 30                | 20         | 7.00        | HDC3007     | 44.31        | 27.74      | 13.02                 | 20.02                | 1.31                  | 2.48                  | 10,000              | 43.0                  |
|                   |            | 10.13       | HDC3010     | 64.15        | 40.16      | 17.00                 | 27.13                | 1.31                  | 2.48                  | 10,000              | 56.7                  |
| 60                | 44         | 3.50        | HDC6003     | 45.75        | 30.49      | 9.77                  | 13.28                | 2.13                  | 3.62                  | 10,000              | 65.7                  |
|                   |            | 6.50        | HDC6006     | 84.81        | 56.53      | 12.76                 | 19.26                | 2.13                  | 3.62                  | 10,000              | 81.1                  |
|                   |            | 10.12       | HDC6010     | 132.10       | 88.04      | 17.25                 | 27.37                | 2.13                  | 3.62                  | 10,000              | 112.4                 |
| 100               | 71         | 1.50        | HDC10001    | 33.23        | 21.18      | 6.50                  | 8.00                 | 3.11                  | 4.92                  | 10,000              | 73.7                  |
|                   |            | 3.00        | HDC10003    | 66.47        | 42.37      | 10.00                 | 13.00                | 3.11                  | 4.92                  | 10,000              | 113.3                 |
|                   |            | 6.00        | HDC10006    | 132.39       | 84.73      | 13.49                 | 19.49                | 3.11                  | 4.92                  | 10,000              | 153.2                 |
|                   |            | 10.13       | HDC10010    | 224.52       | 143.11     | 18.14                 | 28.27                | 3.11                  | 4.92                  | 10,000              | 198.9                 |

| Mode Number | Min. Height A (in) | Max. Height B (in) | Dia. of Center Tube C (in) | O.D.D (in) | Plunger     |             |                           |                           |                        |                               | Collar Thread |               | Base Mounting Hole |               |                     |
|-------------|--------------------|--------------------|----------------------------|------------|-------------|-------------|---------------------------|---------------------------|------------------------|-------------------------------|---------------|---------------|--------------------|---------------|---------------------|
|             |                    |                    |                            |            | I.D. E (in) | O.D. F (in) | Base to Inlet Port G (in) | Top to Return Port L (in) | Internal Thread H (in) | Internal Thread Length I (in) | Dia. J (in)   | Length K (in) | Bolt Circle X (in) | Thread Y (in) | Thread Depth Z (in) |
| HDC3007     | 13.02              | 20.02              | 3.35                       | 4.50       | 1.31        | 2.48        | 0.91                      | 2.38                      | 1 13/16"-16UN          | 0.94                          | 4 1/2"-12     | 1.66          | 3.62               | 3/8"-16UNC    | 0.55                |
| HDC3010     | 17.00              | 27.13              | 3.35                       | 4.50       | 1.31        | 2.48        | 0.91                      | 2.38                      | 1 13/16"-16UN          | 0.94                          | 4 1/2"-12     | 1.66          | 3.62               | 3/8"-16UNC    | 0.55                |
| HDC6003     | 9.77               | 13.28              | 4.92                       | 6.25       | 2.13        | 3.62        | 1.06                      | 2.64                      | 2 3/4"-16UN            | 0.83                          | 6 1/4"-12     | 1.91          | 5.12               | 1/2" 13UNC    | 0.55                |
| HDC6006     | 12.76              | 19.26              | 4.92                       | 6.25       | 2.13        | 3.62        | 1.06                      | 2.64                      | 2 3/4"-16UN            | 0.83                          | 6 1/4"-12     | 1.91          | 5.12               | 1/2" 13UNC    | 0.55                |
| HDC6010     | 17.25              | 27.37              | 4.92                       | 6.25       | 2.13        | 3.62        | 1.06                      | 2.64                      | 2 3/4"-16UN            | 0.83                          | 6 1/4"-12     | 1.91          | 5.12               | 1/2" 13UNC    | 0.55                |
| HDC10001    | 6.50               | 8.00               | 6.50                       | 8.39       | 3.11        | 4.92        | 1.06                      | 1.75                      | 4"- 16UN               | 1.06                          | -             | -             | 7.01               | 5/8" 11UNC    | 0.75                |
| HDC10003    | 10.00              | 13.00              | 6.50                       | 8.39       | 3.11        | 4.92        | 1.06                      | 3.39                      | 4"- 16UN               | 1.06                          | 8 3/8"-12     | 2.38          | 7.01               | 5/8" 11UNC    | 0.75                |
| HDC10006    | 13.49              | 19.49              | 6.50                       | 8.39       | 3.11        | 4.92        | 1.06                      | 3.39                      | 4"- 16UN               | 1.06                          | 8 3/8"-12     | 2.38          | 7.01               | 5/8" 11UNC    | 0.75                |
| HDC10010    | 18.14              | 28.27              | 6.50                       | 8.39       | 3.11        | 4.92        | 1.06                      | 3.39                      | 4"- 16UN               | 1.06                          | 8 3/8"-12     | 2.38          | 7.01               | 5/8" 11UNC    | 0.75                |

**BUILT TO LAST**