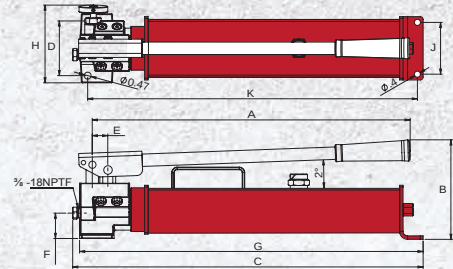
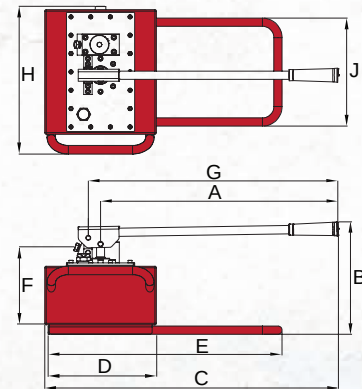


## TWO SPEED METAL HAND PUMPS

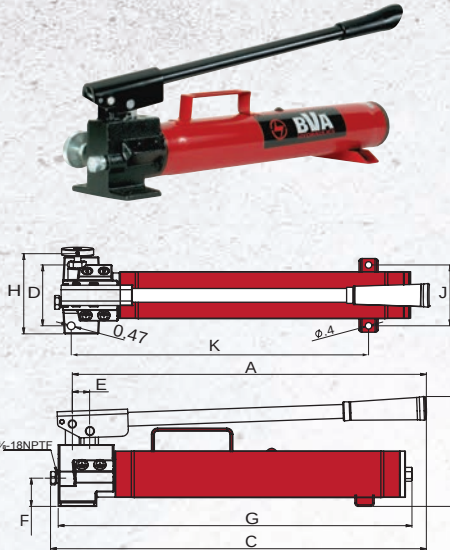
- All metal reservoirs resist cracks and leaks
- Two speed operation increases productivity and reduces user fatigue
- Internal pressure relief valve for over load protection
- Load release valve for single acting cylinder usage
- Large oil capacity to power a wide range of cylinders and tools



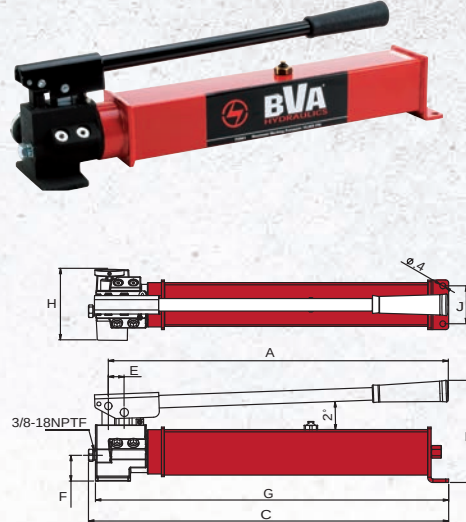
P2301



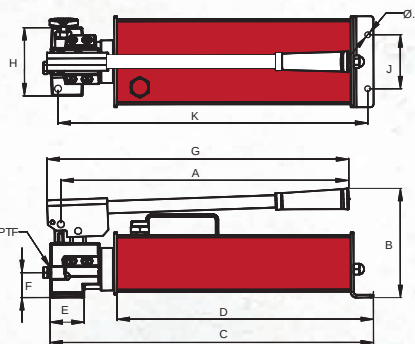
P8701



P1201



P2001



P4301



| Used with Cylinder | Pump Type | Usable Oil Capacity (in <sup>3</sup> ) | Model Number | Pressure Rating |                 | Oil Displacement per Stroke  |                              | Max. Operating Force (lbs) | Piston Stroke (in) | Oil Outlet Port | Weight (lbs) |
|--------------------|-----------|----------------------------------------|--------------|-----------------|-----------------|------------------------------|------------------------------|----------------------------|--------------------|-----------------|--------------|
|                    |           |                                        |              | 1st Stage (psi) | 2nd Stage (psi) | 1st Stage (in <sup>3</sup> ) | 2nd Stage (in <sup>3</sup> ) |                            |                    |                 |              |
| Single Acting      | Two Speed | 67.0                                   | P1201        | 200             | 10,000          | 0.81                         | 0.14                         | 99                         | 0.82               | 3/8"-18NPTF     | 20.5         |
|                    |           | 122.0                                  | P2001        | 200             | 10,000          | 0.81                         | 0.14                         | 95                         | 0.82               | 3/8"-18NPTF     | 24.2         |
|                    |           | 128.0                                  | P2301        | 200             | 10,000          | 0.81                         | 0.14                         | 99                         | 0.82               | 3/8"-18NPTF     | 27.7         |
|                    |           | 250.0                                  | P4301        | 200             | 10,000          | 0.81                         | 0.14                         | 99                         | 0.82               | 3/8"-18NPTF     | 37.6         |
|                    |           | 476.0                                  | P8701        | 290             | 10,000          | 7.71                         | 0.29                         | 143                        | 1.69               | 3/8"-18NPTF     | 76.0         |

| Model Number | Dimensions (in) |       |       |       |       |      |       |       |       |       |
|--------------|-----------------|-------|-------|-------|-------|------|-------|-------|-------|-------|
|              | A               | B     | C     | D     | E     | F    | G     | H     | J     | K     |
| P1201        | 21.73           | 6.73  | 23.07 | 3.74  | 1.06  | 1.73 | 21.73 | 4.92  | 3.74  | 18.27 |
| P2001        | 22.91           | 6.89  | 24.29 | –     | 1.06  | 1.73 | 23.82 | 4.80  | 2.56  | –     |
| P2301        | 21.73           | 6.81  | 23.98 | 3.74  | 1.06  | 1.73 | 23.50 | 5.31  | 3.54  | 22.56 |
| P4301        | 21.73           | 7.68  | 22.87 | 3.74  | 1.06  | 1.73 | 22.40 | 5.31  | 3.74  | 21.46 |
| P8701        | 25.79           | 11.61 | 30.35 | 11.54 | 24.17 | 8.25 | 26.94 | 15.24 | 11.18 | -     |