

**HP | MANUALLY OPERATED PUMPS - ALUMINUM**

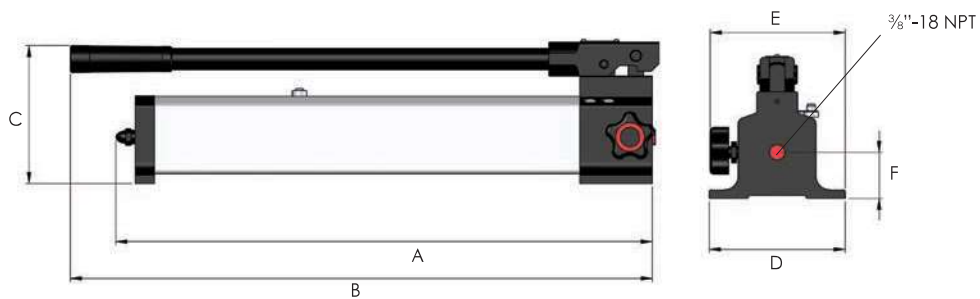


**Two stage operation**

**Working pressure 10000 psi**

**Six models with choice of control valve**

- ▶ Oil reservoir capacity up to 305.12 inch<sup>3</sup>
- ▶ Lightweight aluminum construction with external pressure release valve and factory set safety relief valve
- ▶ Changeover pressure is 203 psi
- ▶ Low handle effort and ergonomic grip for easy operation



| Model number  | Valve type | Displacement per stroke (in <sup>3</sup> ) |                       | Usable oil capacity (in <sup>3</sup> ) | Handle effort (lbs) | Weight (lbs) | Dimensions (in) |       |      |      |      |      |
|---|------------|--|-----------------------|--|---------------------|--------------|-----------------|-------|------|------|------|------|
|   |            | 1 <sup>st</sup> stage                      | 2 <sup>nd</sup> stage |  |                     |              | A               | B     | C    | D    | E    | F    |
| Two stage hand operated pumps for single acting cylinders and tools |            |  |                       |  |                     |              |                 |       |      |      |      |      |
| HP211   | 2-way      | 0.79                                       | 0.06                  | 30.51                                  | 60                  | 4.4          | 13.2            | 15.29 | 5.32 | 3.94 | 4.93 | 1.58 |
| HP212   | 2-way      | 0.79                                       | 0.14                  | 61.02                                  | 88                  | 8.8          | 22.06           | 24.03 | 5.52 | 3.94 | 4.93 | 1.58 |
| HP232   | 2-way      | 0.79                                       | 0.14                  | 122.05                                 | 88                  | 15.2         | 22.06           | 24.03 | 6.3  | 5.52 | 6.11 | 1.97 |
| HP252   | 2-way      | 0.79                                       | 0.14                  | 305.12                                 | 88                  | 21.2         | 23.05           | 24.03 | 6.3  | 6.62 | 5.71 | 1.97 |
| Two stage hand operated pumps for double acting cylinders and tools |            |  |                       |  |                     |              |                 |       |      |      |      |      |
| HP232D  | 4-way      | 0.79                                       | 0.14                  | 122.05                                 | 88                  | 19.2         | 22.85           | 24.63 | 6.3  | 5.52 | 6.9  | 1.18 |
| HP252D  | 4-way      | 0.79                                       | 0.14                  | 305.12                                 | 88                  | 30.0         | 23.84           | 24.63 | 6.3  | 6.62 | 6.9  | 1.18 |