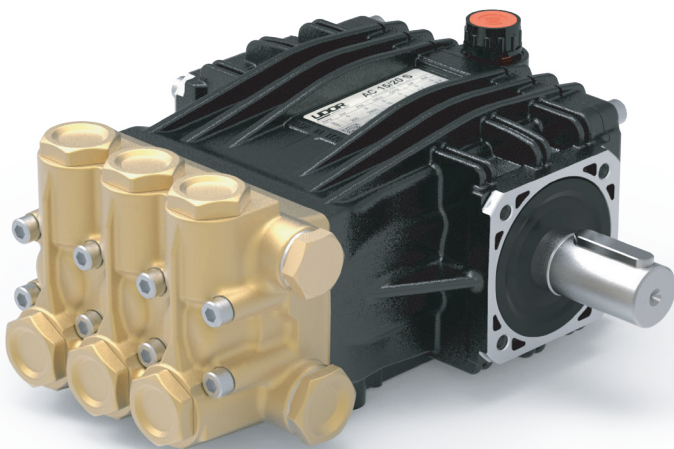




- Brass Manifold
- Heat Treated Crankshaft
- Stainless Steel Piston Guides
- High Strength Aluminum Alloy Connecting Rods
- Industrial Quality Bearings
- Solid Ceramic Plungers
- Stainless Steel Check Valves
- Heavy Duty Flat Base High Pressure Seals
- 11.5 oz. Capacity Vented Oil Bath Crank Case
- 1/2" BSP-F Inlet. 3/8" BSP-F Outlet
- Max Fluid Temp, 160°F

### AC Series 24mm Keyed Solid Shaft Plunger Pumps

AD Series standard duty plunger pumps include a wide range of models with flow rates from 2.5 to 4.0 GPM and pressures up to 2900 PSI.

Other drive options include electric motor flange, gas engine flange and hydraulic motor flange.

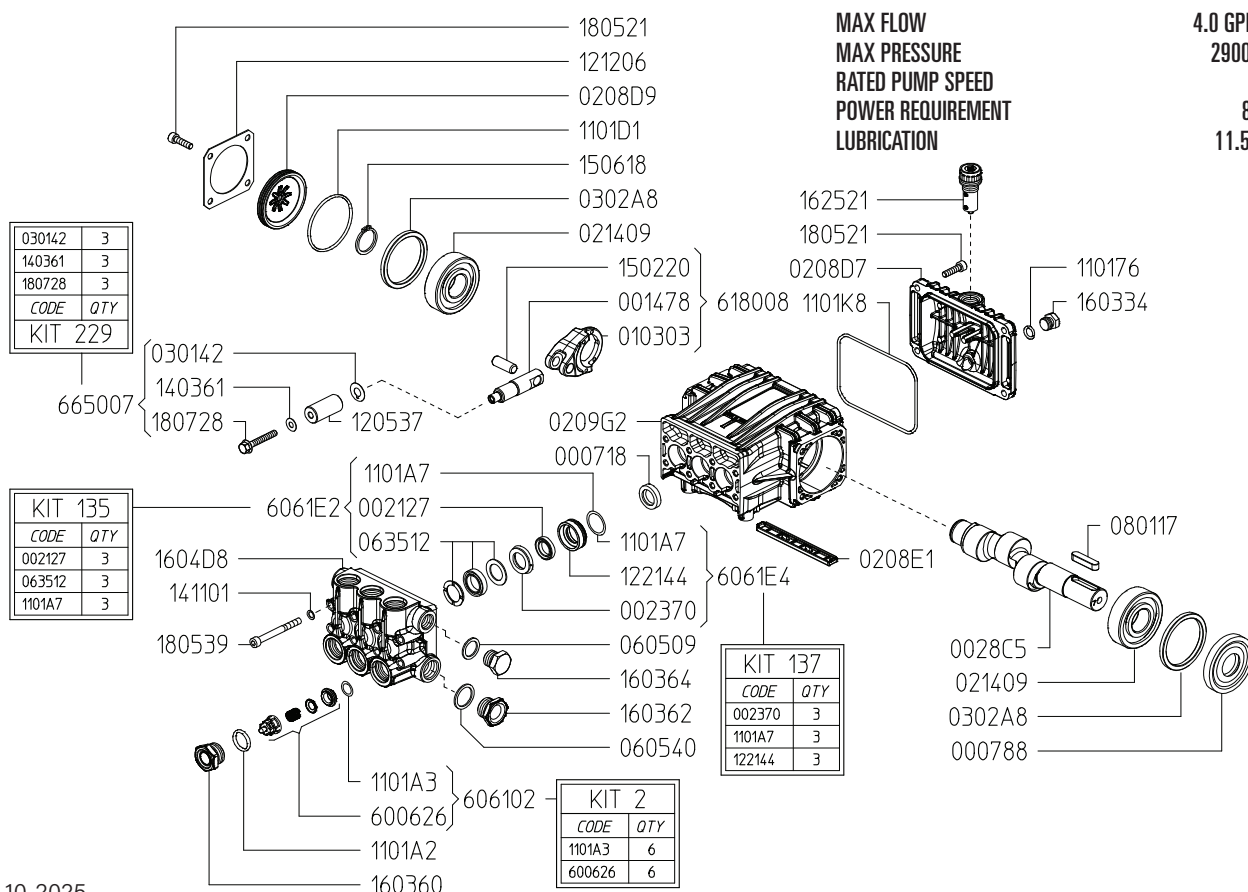
Applications include general pressure cleaning, sewer jetting, vehicle wash equipment and fire fighting applications.

|          | Model       | Flow |       | Pressure |     | Plunger Dia. | Crankshaft |      | Power    | Seal Kit | Valve Kit | Wt.      |
|----------|-------------|------|-------|----------|-----|--------------|------------|------|----------|----------|-----------|----------|
|          |             | GPM  | l/min | PSI      | bar |              | Stroke     | Code |          |          |           |          |
| 1750 RPM | AD 2.5/30 S | 2.5  | 9.5   | 2900     | 200 | 15mm         | 10.5mm     | O    | 4.8 EBHP | 6061.B2  | 6061.02   | 14.3 lbs |
|          | AD 3.0/30 S | 3.0  | 11.4  | 2900     | 200 | 15mm         | 14.0mm     | 7    | 6.3 EBHP | 6061.28  | 6061.02   | 14.3 lbs |
|          | AD 3.5/30 S | 3.5  | 13.2  | 2900     | 200 | 18mm         | 10.5mm     | O    | 6.8 EBHP | 6061.E2  | 6061.02   | 14.3 lbs |
|          | AD 4.0/30 S | 4.0  | 15.0  | 2900     | 200 | 18mm         | 12.5mm     | S    | 8.4 EBHP | 6061.E2  | 6061.02   | 14.3 lbs |

NOTE: All pump models available with left-hand drive option. Add 'L' to model number when ordering (ex. BC 13/20 SL)



4.0 GPM / 15.0 L/MIN  
2900 PSI / 200 BAR  
1750 RPM  
8.4 HP ELECTRIC  
11.5 OZ UDOR LUBE



Revised 3-10-2025

| Part #  | Description                              | Qty | Part #  | Description                         | Qty |
|---------|------------------------------------------|-----|---------|-------------------------------------|-----|
| 0007.18 | OIL SEAL                                 | 3   | 1212.06 | RETAINER – SIGHT GLASS              | 1   |
| 0007.88 | OIL SEAL                                 | 1   | 1221.44 | PRESSURE RING <sup>C</sup>          | 3   |
| 0014.78 | PLUNGER GUIDE                            | 3   | 1403.61 | WASHER <sup>D</sup>                 | 3   |
| 0021.27 | WATER SEAL LP <sup>B</sup>               | 3   | 1411.01 | SERRATED WASHER                     | 8   |
| 0023.70 | UPPER RING <sup>C</sup>                  | 3   | 1502.20 | PIN                                 | 3   |
| 0028.C5 | CRANKSHAFT – 24MM SOLID KEYED            | 1   | 1506.18 | SNAP RING                           | 1   |
| 0103.03 | CONNECTING ROD                           | 3   | 1603.34 | DRAIN PLUG                          | 1   |
| 0208.D7 | BACK COVER                               | 1   | 1603.60 | VALVE CAP                           | 6   |
| 0208.D9 | OIL SIGHT GLASS                          | 1   | 1603.62 | PLUG                                | 1   |
| 0209.G2 | CRANKCASE                                | 1   | 1603.64 | PLUG                                | 1   |
| 0214.09 | BALL BEARING                             | 2   | 1604.D8 | HEAD                                | 1   |
| 0301.42 | SLINGER RING <sup>D</sup>                | 3   | 1625.21 | OIL PLUG – G3/8                     | 1   |
| 0302.A8 | SPACER                                   | 1   | 1805.21 | ALLEN BOLT                          | 4   |
| 0302.A8 | SPACER                                   | 1   | 1805.21 | ALLEN BOLT                          | 4   |
| 0605.09 | GASKET                                   | 1   | 1805.39 | ALLEN BOLT                          | 8   |
| 0605.40 | GASKET                                   | 1   | 1807.28 | PLUNGER BOLT <sup>D</sup>           | 3   |
| 0635.12 | HIGH PRESSURE SEAL KIT, D18 <sup>B</sup> | 3   | 6006.26 | VALVE ASS'Y W/O O-RING <sup>A</sup> | 6   |
| 0801.07 | KEY                                      | 1   | 6180.08 | CONNECTING ROD ASSEMBLY             | 3   |
| 1101.76 | O-RING                                   | 1   | 6061.02 | VALVE KIT (KIT 2)                   | 1   |
| 1101.A2 | O-RING – VALVE CAP                       | 6   | 6061.E2 | WATER SEAL KIT (KIT 135)            | 1   |
| 1101.A3 | O-RING – VALVE <sup>A</sup>              | 6   | 6061.E4 | BRASS RING KIT (KIT 137)            | 1   |
| 1101.A7 | O-RING <sup>B,C</sup>                    | 3   | 6650.07 | PLUNGER BOLT KIT (KIT 229)          | 1   |
| 1101.D1 | O-RING – OIL SIGHT GLASS                 | 1   |         |                                     |     |
| 1101.K8 | O-RING – BACK COVER                      | 1   |         |                                     |     |
| 1205.37 | CERAMIC PLUNGER, D18                     | 3   |         |                                     |     |

<sup>A</sup> Parts in 6061.02 (Kit 2).

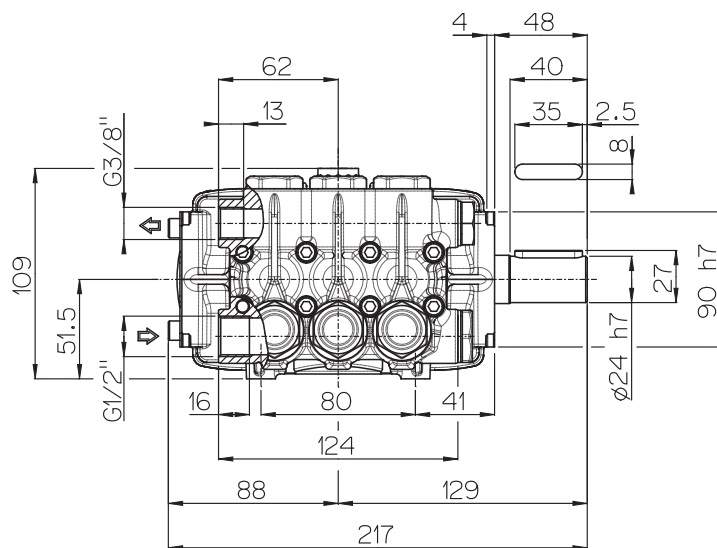
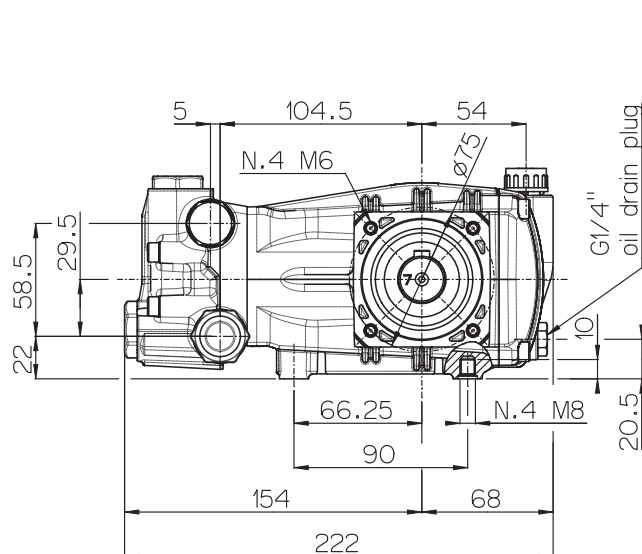
<sup>B</sup> Parts in 6061.E2 (Kit 135).

<sup>C</sup> Parts in 6061.E4 (Kit 137).

<sup>D</sup> Parts in 6650.07 (Kit 229).

*Dimensional Drawings are  
Shown in Millimeters.  
To Convert to Inches,  
Multiply Dimension x 0.03937*

## A SERIES PUMPS - 24MM SOLID SHAFT



## TORQUE SPECS

| Ref. | Description          | Ft./lb. | Nm  | Loctite® |
|------|----------------------|---------|-----|----------|
| 1    | Head Bolts           | 19      | 25  | -        |
| 2    | Valve Caps           | 75      | 100 | 243      |
| 3    | Inlet Cap            | 75      | 100 | 243      |
| 4    | Outlet Cap           | 60      | 80  | 243      |
| 5    | Bearing Flange Bolts | 19      | 25  | -        |
| 6    | Rear Cover Bolts     | 19      | 25  | -        |
| 7    | Connecting Rod Bolts | 9       | 11  | 243      |
| 8    | Plunger Bolts        | 11      | 15  | 270      |
| 9    | Valve Cover Bolts    | -       | -   | -        |
| 10   | Oil Drain Plug       | 19      | 25  | -        |

