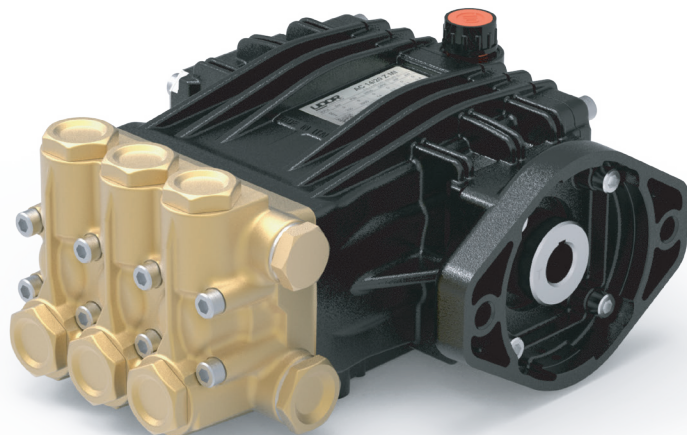


## Direct Drive, Hydraulic Flange Models

3/4" Hollow Shaft with 2 Bolt A-Flange Hydraulic Motor Mount  
1450 RPM



- 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 Direct Drive, Electric Motor Flange Plunger Pumps

AC 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 24mm solid shaft, gas engine flange and electric motor flange.

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

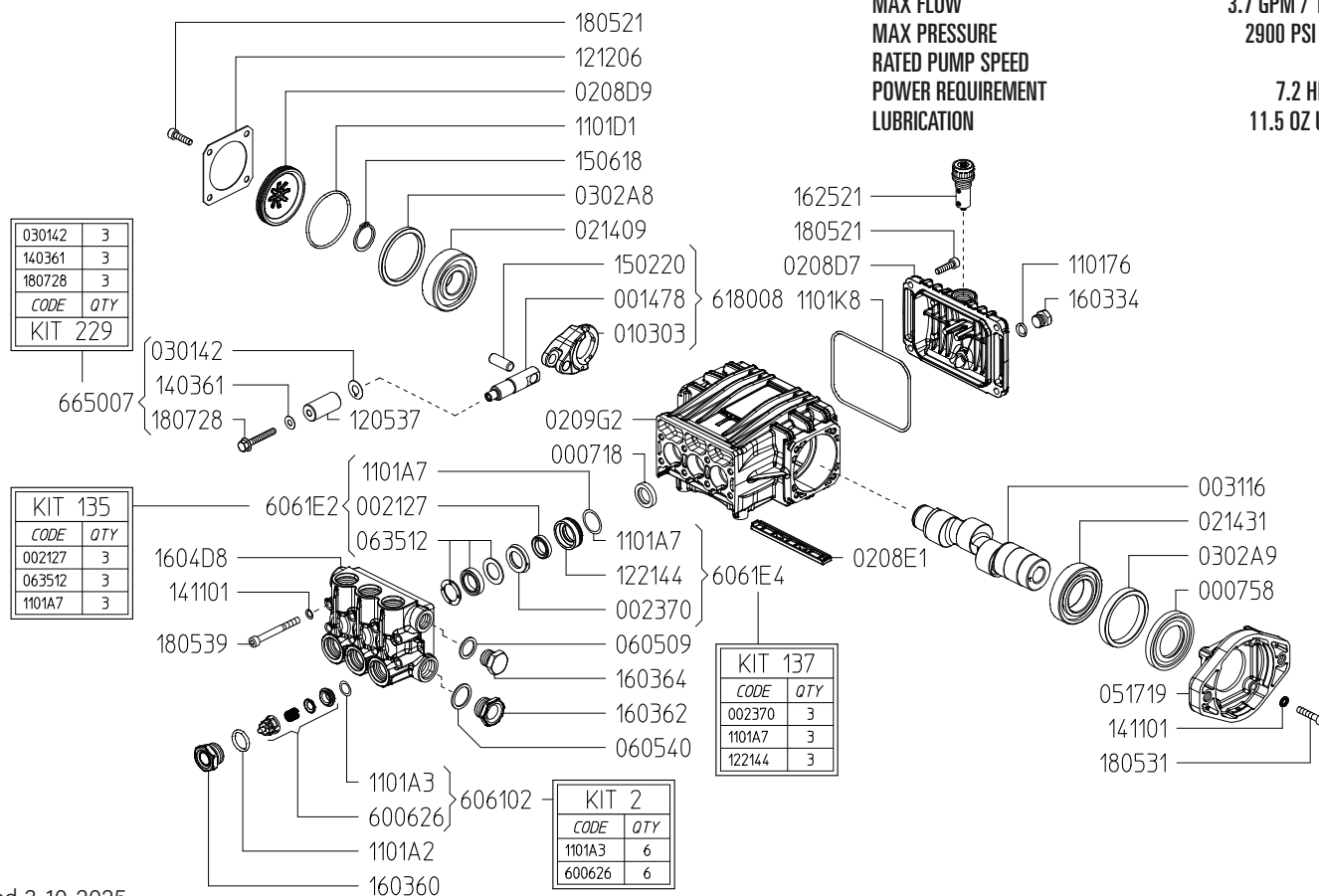
|          | Model         | Flow |       | Pressure |     | Plunger Dia. | Crankshaft |      | Power    | Seal Kit | Valve Kit | Wt.      |
|----------|---------------|------|-------|----------|-----|--------------|------------|------|----------|----------|-----------|----------|
|          |               | GPM  | l/min | PSI      | bar |              | Stroke     | Code |          |          |           |          |
| 1450 RPM | AC 14/20 Z MI | 3.7  | 14.0  | 2900     | 200 | 18mm         | 13.0mm     | T    | 7.2 EBHP | 6061.B2  | 6061.02   | 14.3 lbs |

NOTE: All pump models available with left-hand drive option. Add 'L' to model number when ordering (ex. AD 4.0/30 UL)



MAX FLOW  
MAX PRESSURE  
RATED PUMP SPEED  
POWER REQUIREMENT  
LUBRICATION

3.7 GPM / 14.0 L/MIN  
2900 PSI / 200 BAR  
1450 RPM  
7.2 HP ELECTRIC  
11.5 OZ UDOR LUBE



Revised 3-10-2025

| Part #  | Description                         | Qty |
|---------|-------------------------------------|-----|
| 0007.18 | OIL SEAL                            | 3   |
| 0007.58 | OIL SEAL                            | 1   |
| 0014.78 | PLUNGER GUIDE                       | 3   |
| 0021.27 | WATER SEAL LP <sup>B</sup>          | 3   |
| 0023.70 | UPPER RING <sup>C</sup>             | 3   |
| 0031.16 | CRANKSHAFT - 5/8" HOLLOW            | 1   |
| 0103.03 | CONNECTING ROD                      | 3   |
| 0208.D7 | BACK COVER                          | 1   |
| 0208.D9 | OIL SIGHT GLASS                     | 1   |
| 0209.G2 | CRANKCASE                           | 1   |
| 0214.09 | BALL BEARING                        | 1   |
| 0214.31 | ROLLER BEARING                      | 1   |
| 0301.42 | SLINGER RING <sup>D</sup>           | 3   |
| 0302.A8 | SPACER                              | 1   |
| 0302.A9 | SPACER                              | 1   |
| 0517.19 | FLANGE - MI                         | 1   |
| 0605.09 | GASKET                              | 1   |
| 0605.40 | GASKET                              | 1   |
| 0635.12 | HIGH PRESSURE SEAL KIT <sup>B</sup> | 3   |
| 1101.76 | O-RING                              | 1   |
| 1101.A2 | O-RING - VALVE CAP                  | 6   |
| 1101.A3 | O-RING - VALVE <sup>A</sup>         | 6   |
| 1101.A7 | O-RING <sup>B,C</sup>               | 3   |
| 1101.D1 | O-RING - OIL SIGHT GLASS            | 1   |
| 1101.K8 | O-RING - BACK COVER                 | 1   |
| 1205.37 | CERAMIC PLUNGER                     | 3   |
| 1212.06 | RETAINER - SIGHT GLASS              | 1   |

| Part #  | Description                         | Qty |
|---------|-------------------------------------|-----|
| 1221.44 | PRESSURE RING <sup>C</sup>          | 3   |
| 1403.61 | WASHER <sup>D</sup>                 | 3   |
| 1411.01 | SERRATED WASHER                     | 8   |
| 1411.01 | SERRATED WASHER                     | 4   |
| 1502.20 | PIN                                 | 3   |
| 1506.18 | SNAP RING                           | 1   |
| 1603.34 | DRAIN PLUG                          | 1   |
| 1603.60 | VALVE CAP                           | 6   |
| 1603.62 | PLUG                                | 1   |
| 1603.64 | PLUG                                | 1   |
| 1604.D8 | HEAD                                | 1   |
| 1625.21 | OIL PLUG - G3/8                     | 1   |
| 1805.21 | ALLEN BOLT                          | 4   |
| 1805.21 | ALLEN BOLT                          | 4   |
| 1805.31 | ALLEN BOLT                          | 4   |
| 1805.39 | ALLEN BOLT                          | 8   |
| 1807.28 | PLUNGER BOLT <sup>D</sup>           | 3   |
| 6006.26 | VALVE ASS'Y W/O O-RING <sup>A</sup> | 6   |
| 6180.08 | CONNECTING ROD ASSEMBLY             | 3   |
| 6061.02 | VALVE KIT (KIT 2)                   | 1   |
| 6061.E2 | WATER SEAL KIT (KIT 135)            | 1   |
| 6061.E4 | BRASS RING KIT (KIT 137)            | 1   |
| 6650.07 | PLUNGER BOLT KIT (KIT 229)          | 1   |

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

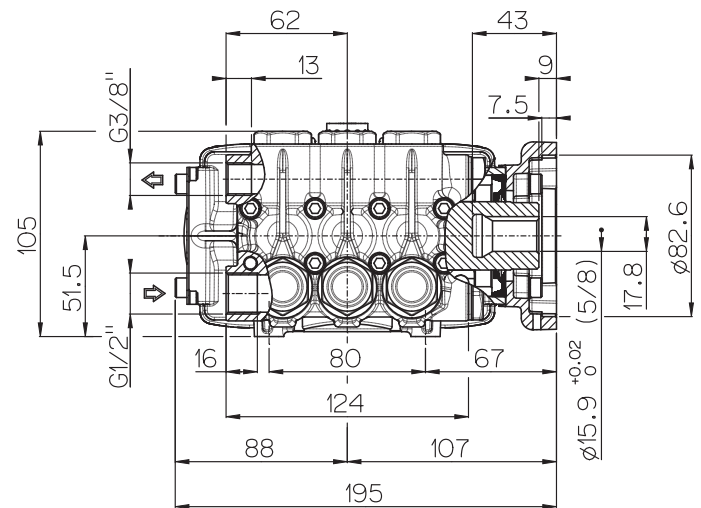
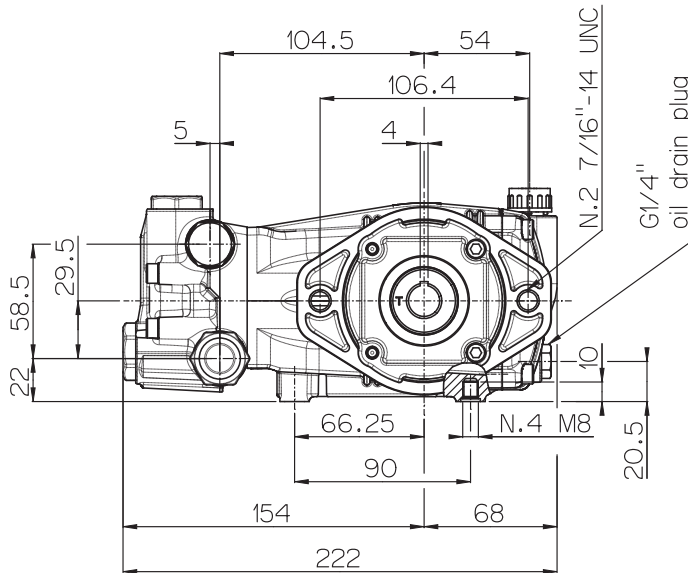
<sup>B</sup> Parts in 6061.E2 (Kit 135).

<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 - 5/8" HOLLOW SHAFT w/ HYDRAULIC MOTOR FLANGE



## 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  | -        |

