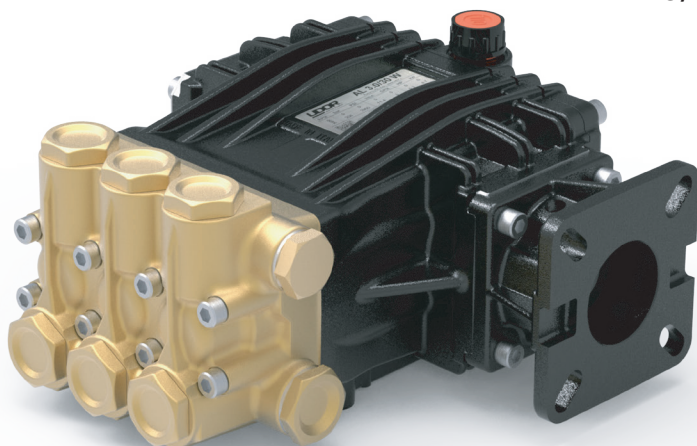


## Direct Drive, Gas Engine Flange Models

3/4" Hollow Shaft, SAE J609-A Flange and Set Screw  
3400 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

### AKL Series Direct Drive, Electric Motor Flange Plunger Pumps

AK 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, electric motor flange and hydraulic motor flange.

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

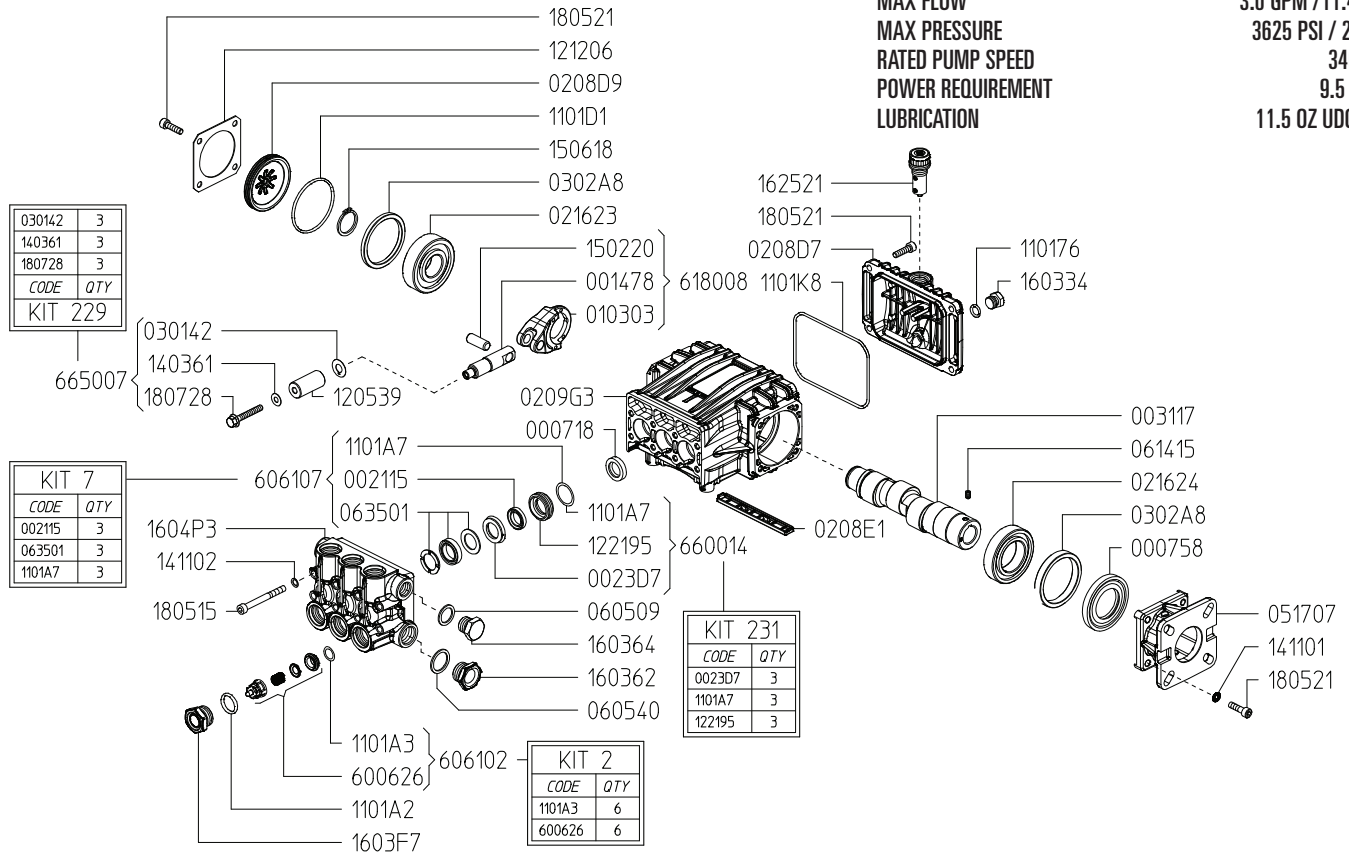
|          | Model        | Flow |       | Pressure |     | Plunger Dia. | Crankshaft |      | Power      | Seal Kit | Valve Kit | Wt.      |
|----------|--------------|------|-------|----------|-----|--------------|------------|------|------------|----------|-----------|----------|
|          |              | GPM  | l/min | PSI      | bar |              | Stroke     | Code |            |          |           |          |
| 3400 RPM | AKL 3.0/36 T | 3.0  | 11.4  | 2900     | 200 | 15mm         | 7.0mm      | G    | 9.5 HP Gas | 6061.07  | 6061.02   | 15.4 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

3.0 GPM / 11.4 L/MIN  
3625 PSI / 250 BAR  
3400 RPM  
9.5 HP GAS  
11.5 OZ UDOR LUBE



Revised 3-17-2025

| Part #  | Description                         | Qty | Part #  | Description                         | Qty |
|---------|-------------------------------------|-----|---------|-------------------------------------|-----|
| 0007.18 | OIL SEAL                            | 3   | 1212.06 | RETAINER - SIGHT GLASS              | 1   |
| 0007.58 | OIL SEAL                            | 1   | 1221.95 | PRESSURE RING <sup>C</sup>          | 3   |
| 0014.78 | PLUNGER GUIDE                       | 3   | 1403.61 | WASHER <sup>D</sup>                 | 3   |
| 0021.15 | WATER SEAL LP <sup>B</sup>          | 3   | 1411.01 | WASHER                              | 4   |
| 0023.D7 | UPPER RING <sup>C</sup>             | 3   | 1411.02 | SERRATED WASHER                     | 8   |
| 0031.17 | CRANKSHAFT - 3/4" HOLLOW            | 1   | 1502.20 | PIN                                 | 3   |
| 0103.03 | CONNECTING ROD                      | 3   | 1506.18 | SNAP RING                           | 1   |
| 0208.D7 | BACK COVER                          | 1   | 1603.34 | DRAIN PLUG                          | 1   |
| 0208.D9 | OIL SIGHT GLASS                     | 1   | 1603.62 | PLUG                                | 1   |
| 0209.G2 | CRANKCASE                           | 1   | 1603.64 | PLUG                                | 1   |
| 0214.09 | BALL BEARING - NON-DRIVE SIDE       | 1   | 1603.F7 | VALVE CAP                           | 6   |
| 0214.13 | BEARING                             | 1   | 1604.P3 | HEAD                                | 1   |
| 0301.42 | SLINGER RING <sup>D</sup>           | 3   | 1625.21 | OIL PLUG - G3/8                     | 1   |
| 0302.A8 | SPACER                              | 1   | 1805.15 | ALLEN BOLT                          | 8   |
| 0302.A9 | SPACER                              | 1   | 1805.21 | ALLEN BOLT                          | 12  |
| 0517.07 | ENGINE MOUNTING FLANGE              | 1   | 1807.28 | PLUNGER BOLT <sup>D</sup>           | 3   |
| 0605.09 | GASKET                              | 1   | 6006.26 | VALVE ASS'Y W/O O-RING <sup>A</sup> | 6   |
| 0605.40 | GASKET                              | 1   | 6180.08 | CONNECTING ROD ASSEMBLY             | 3   |
| 0614.15 | SET SCREW                           | 1   | 6061.02 | VALVE KIT (KIT 2)                   | 1   |
| 0635.01 | HIGH PRESSURE SEAL KIT <sup>B</sup> | 3   | 6061.07 | WATER SEAL KIT (KIT 7)              | 1   |
| 1101.76 | O-RING                              | 1   | 6600.14 | BRASS RING KIT (KIT 231)            | 1   |
| 1101.A2 | O-RING - VALVE CAP                  | 6   | 6650.07 | PLUNGER BOLT KIT (KIT 229)          | 1   |
| 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   |         |                                     |     |
| 1205.39 | CERAMIC PLUNGER - D15               | 3   |         |                                     |     |

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

<sup>B</sup> Parts in 6061.07 (Kit 7).

<sup>C</sup> Parts in 6600.14 (Kit 231).

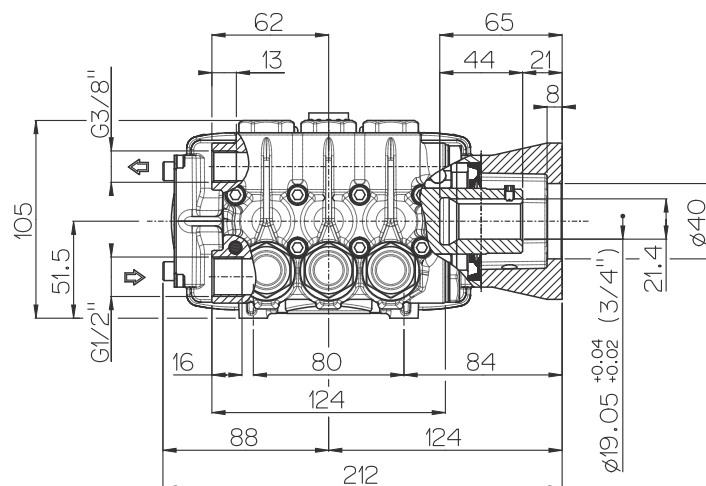
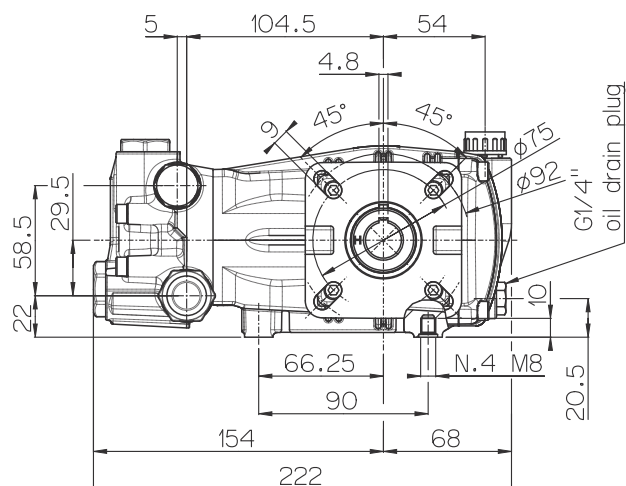
<sup>D</sup> Parts in 6650.07 (Kit 229).

## WEIGHT LUBRICATION

14.3 LBS  
11.5 OZ UDOR LUBE

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

## A SERIES PUMPS - 3/4" HOLLOW SHAFT w/ GAS ENGINE 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  | -        |

