



## FEATURES

- Designed and engineered exclusively for pressure washers.
- Seven year limited warranty.
- Forged brass manifold with an exclusive lifetime warranty.
- Large capacity, die-cast, anodized aluminum oil-bath crankcase with cooling fins.
- Over-sized connecting rods for maximum life.
- Heavy-duty tapered roller bearing.
- Solid ceramic plungers with mirror finish and corrosion resistance.
- Stainless steel inlet and discharge valve assemblies.
- Forged valve caps with recessed O-rings to withstand high pressures..
- Dacromet® coated manifold bolts for extra corrosion resistance.
- Long life seals.

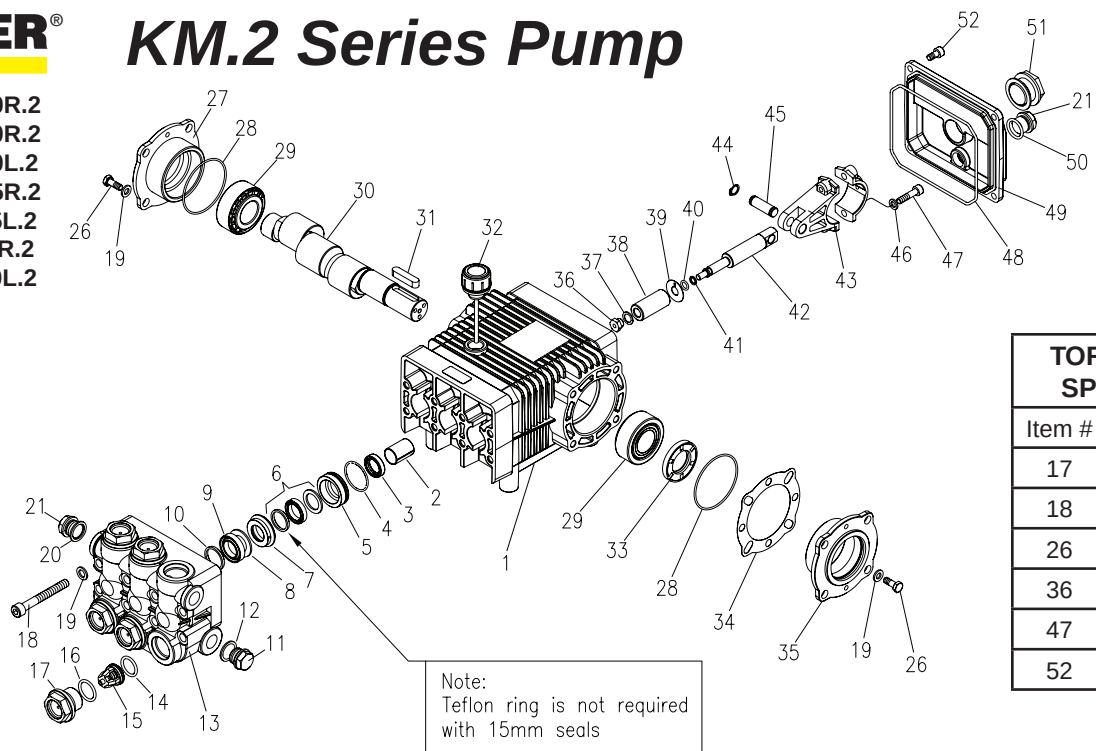


## SPECIFICATIONS

| PUMP MODEL                    | KM4030.2                 | KM4035.2 | KM5030.2 | KM3540.2 |
|-------------------------------|--------------------------|----------|----------|----------|
| Maximum Volume (GPM)          | 4                        | 4.8      | 5.1      | 3.5      |
| Max. Discharge Pressure (PSI) | 3000                     | 3500     | 3000     | 4000     |
| Maximum Pump Speed            | 1000                     | 1500     | 1550     | 1850     |
| Maximum Inlet Pressure        | 125 PSI                  |          |          |          |
| Maximum Inlet Vacuum          | 9 ft. water (7.9 in. HG) |          |          |          |
| Bore                          | 20 mm                    | 18 mm    | 20 mm    | 15 mm    |
| Stroke                        | 17mm                     | 17 mm    | 14.3 mm  | 14.3 mm  |
| Crankcase Oil Capacity        | 23.3 oz.                 |          |          |          |
| Maximum Fluid Temperature     | 185° F                   |          |          |          |
| Inlet Port Thread             | 1/2-14 BSPP-F            |          |          |          |
| Discharge Port Thread         | 3/8-19 BSPP-F            |          |          |          |
| Shaft Diameter                | 24 mm                    |          |          |          |
| Weight                        | 22 lbs                   |          |          |          |
| Dimensions (LxWxH)            | 11 x 8.8 x 5.4 in.       |          |          |          |

# KM.2 Series Pump

8.904-689.0 KM3540R.2  
 9.803-405.0 KM4030R.2  
 9.803-406.0 KM4030L.2  
 9.802-343.0 KM4035R.2  
 9.803-407.0 KM4035L.2  
 9.802-342.0 KM5030R.2  
 9.803-408.0 KM5030L.2



| TORQUE SPECS |         |
|--------------|---------|
| Item #       | Ft.-lbs |
| 17           | 75      |
| 18           | 30      |
| 26           | 8       |
| 36           | 7       |
| 47           | 13      |
| 52           | 7.6     |

## PARTS LIST

| ITEM | PART NO.       | DESCRIPTION          | QTY | ITEM | PART NO.       | DESCRIPTION            | QTY | ITEM                           | PART NO.    | DESCRIPTION            | QTY |
|------|----------------|----------------------|-----|------|----------------|------------------------|-----|--------------------------------|-------------|------------------------|-----|
| 1    | 8.933-012.0    | Crankcase            | 1   | 26   | 9.802-944.0    | Hexagonal Screw        | 8   | 42                             | 9.803-144.0 | Plunger Rod            | 3   |
| 2    | 9.803-196.0    | Plunger Guide        | 3   | 27   | 8.717-210.0    | Closed Bearing Housing | 1   | 43                             | 9.803-158.0 | Connecting Rod         | 3   |
| 3*   | See Kits Below | Plunger Oil Seal     | 3   | 28   | 9.803-192.0    | O-Ring Ø1.78 x 60.05   | 2   | 44                             | 9.802-913.0 | Snap Ring              | 6   |
| 4*   | See Kits Below | O-Ring Ø1.78 x 31.47 | 3   | 29   | 8.933-011.0    | Tapered Roller Bearing | 2   | 45                             | 9.802-916.0 | Connecting Rod Pin     | 3   |
| 5*   | See Kits Below | Pressure Ring        | 3   | 30   | 9.803-146.0    | Crankshaft (5030,3540) | 1   | 46                             | 9.803-218.0 | Spring Washer          | 6   |
| 6*   | See Kits Below | U-Seal               | 3   |      | 9.803-147.0    | Crankshaft (4030,4035) | 1   | 47                             | 9.803-238.0 | Connecting Rod Screw   | 6   |
| 7*   | See Kits Below | Intermediate Ring    | 3   | 31   | 9.803-167.0    | Crankshaft Key         | 1   | 48                             | 8.933-016.0 | O-Ring, Ø2.62 x 126.67 | 1   |
| 8*   | See Kits Below | Back-up Ring         | 3   | 32   | 9.802-921.0    | Oil Dip Stick          | 1   | 49                             | 9.803-165.0 | Crankcase Cover        | 1   |
| 9*   | See Kits Below | U-Seal               | 3   | 33   | 9.803-140.0    | Crankshaft Seal        | 1   | 50                             | 9.803-197.0 | O-Ring, Ø1.78 x 14     | 1   |
| 10*  | See Kits Below | Support Ring         | 3   | 34   | 9.803-178.0    | Shim                   | 2   | 51                             | 9.803-202.0 | Sight Glass 3/4        | 1   |
| 13   | 9.802-932.0    | Manifold Head        | 1   | 35   | 8.717-209.0    | Bearing Housing        | 1   | 52                             | 9.802-939.0 | Cover Screw            | 5   |
| 14*  | See Kits Below | O-Ring Ø2.62 x 17.13 | 6   | 36*  | See Kits Below | Plunger Bolt           | 3   | * Available in kit (See below) |             |                        |     |
| 15*  | See Kits Below | Valve Assembly       | 6   | 37*  | See Kits Below | Copper Spacer          | 3   |                                |             |                        |     |
| 16*  | See Kits Below | O-Ring Ø2.62 x 20.29 | 6   | 38*  | See Kits Below | O-Ring Ø1.78 x 7.66    | 3   |                                |             |                        |     |
| 17   | 9.802-928.0    | Valve Plug           | 6   | 39*  | See Kits Below | Teflon Ring            | 3   |                                |             |                        |     |
| 18   | 9.802-938.0    | Manifold Stud Bolt   | 8   | 40*  | See Kits Below | Plunger (4035)         | 3   |                                |             |                        |     |
| 19   | 9.802-884.0    | Washer               | 16  |      | See Kits Below | Plunger (4030, 5030)   | 3   |                                |             |                        |     |
| 20   | 9.803-198.0    | Copper Washer 3/8    | 1   |      | See Kits Below | Plunger (3540)         | 3   |                                |             |                        |     |
| 21   | 9.802-925.0    | Brass Plug 3/8       | 1   | 41*  | See Kits Below | Copper Spacer          | 3   |                                |             |                        |     |

## REPAIR KITS

| REPAIR KIT NO.                    | 8.725-360.0            | 8.725-362.0            | 8.725-358.0            | 8.725-361.0                     | 8.725-363.0                     | 8.725-359.0                     | 9.802-629.0            | 9.802-620.0            | 8.933-023.0            | 9.802-603.0    | 9.802-609.0       |
|-----------------------------------|------------------------|------------------------|------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------|------------------------|------------------------|----------------|-------------------|
| KIT DESCRIPTION                   | Plunger Seal 4035 18mm | Plunger Seal 4030 20mm | Plunger Seal 3540 15mm | Complete Seal Packing 4035 18mm | Complete Seal Packing 5030 20mm | Complete Seal Packing 3540 15mm | Plunger 4035 18mm      | Plunger 4030 20mm      | Plunger 3540 15mm      | Complete Valve | Plunger Oil Seals |
| ITEM NUMBERS INCLUDED             | 4, 6, 8, 9, 10         | 4, 6, 8, 9, 10         | 4, 6, 8, 9, 10         | 4, 5, 6, 7, 8, 9, 10            | 4, 5, 6, 7, 8, 9, 10            | 4, 5, 6, 7, 8, 9, 10            | 36, 37, 38, 39, 40, 41 | 36, 37, 38, 39, 40, 41 | 36, 37, 38, 39, 40, 41 | 14, 15, 16     | 3                 |
| NO. OF CYLINDERS KIT WILL SERVICE | 3                      | 3                      | 3                      | 1                               | 1                               | 1                               |                        | 1                      | 1                      | 6              | 3                 |