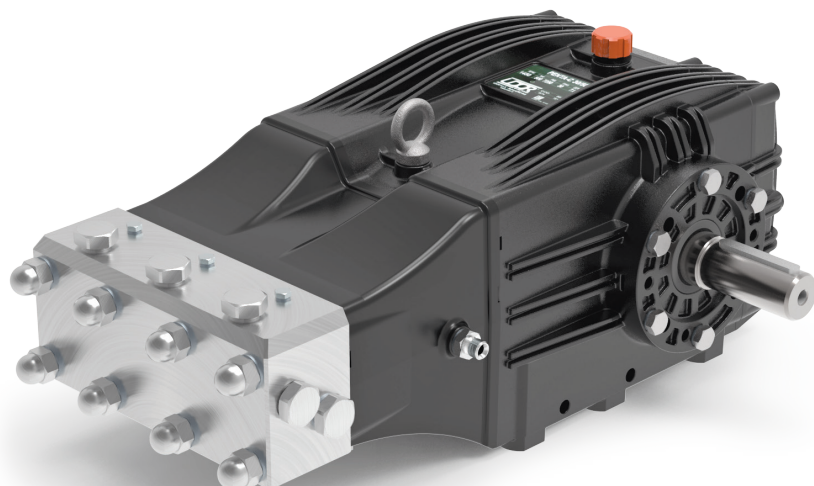




- Stainless Steel Manifold
- Solid Ceramic Plungers
- Stainless Steel Check Valves
- Heavy Duty Bronze Connecting Rods
- Heavy Duty Roller Bearings
- 1/2" BSP-F Inlet. 1/2" BSP-F Outlet
- 128 oz. Oil Capacity
- Max Fluid Temp, 160°F

### VY-B Series Plunger Pumps

VY-B Series industrial duty plunger pumps are rated at 3.7 to 6.5 GPM and pressures up to 18130 PSI.

Pumps are available in 1000 RPM models with a 35mm solid, keyed shaft.

Applications include pressure washing, demolition and oil field industries..

|          | Model          | Flow |       | Pressure |      | Plunger<br>Dia. | Crankshaft |      | Power     | Seal Kit | Valve Kit | Wt.     |
|----------|----------------|------|-------|----------|------|-----------------|------------|------|-----------|----------|-----------|---------|
|          |                | GPM  | l/min | PSI      | bar  |                 | Stroke     | Code |           |          |           |         |
| 1000 RPM | VY-B 14/1250 R | 3.7  | 14.1  | 18130    | 1250 | 14mm            | 35.0mm     | 5    | 45.2 EBHP | 6061.F1  | 6061.F3   | 136 lbs |
|          | VY-B 15/1000 R | 3.9  | 14.8  | 14500    | 1000 | 14mm            | 35.0mm     | 5    | 37.4 EBHP | 6061.F1  | 6061.F3   | 136 lbs |
|          | VY-B 20/800 R  | 5.3  | 20.0  | 11600    | 800  | 16mm            | 35.0mm     | 5    | 41.0 EBHP | 6061.F1  | 6061.F3   | 136 lbs |
|          | VY-B 20/1000 R | 5.2  | 19.5  | 14500    | 1000 | 14mm            | 45.0mm     | 2    | 50.0 EBHP | 6061.F1  | 6061.F3   | 136 lbs |
|          | VY-B 25/800 R  | 6.5  | 24.5  | 11600    | 800  | 16mm            | 42.0mm     | 8    | 50.3 EBHP | 6061.F6  | 6061.F3   | 136 lbs |
| 1200 RPM | VY-F 15/1000 R | 4.0  | 15.0  | 14500    | 1000 | 14mm            | 35.0mm     | 5    | 38.4 EBHP | 6061.F1  | 6061.F3   | 136 lbs |
|          | VY-F 15/1250 R | 3.8  | 14.5  | 18130    | 1250 | 14mm            | 35.0mm     | 5    | 46.4 EBHP | 6061.F1  | 6061.F3   | 136 lbs |
|          | VY-F 20/800 R  | 5.3  | 20.0  | 11600    | 800  | 16mm            | 30.4mm     | L    | 41.0 EBHP | 6061.F6  | 6061.F3   | 136 lbs |
|          | VY-F 20/1000 R | 5.2  | 29.5  | 14500    | 1000 | 16mm            | 45.0mm     | 2    | 50.0 EBHP | 6061.F6  | 6061.F3   | 136 lbs |
| 1450 RPM | VY-C-15/1000 R | 4.0  | 15.0  | 14500    | 1000 | 12mm            | 35.0mm     | 5    | 38.5 EBHP | 6061.F6  | 6061.F3   | 136 lbs |
|          | VY-C 19/1000 R | 4.9  | 18.6  | 14500    | 1000 | 12mm            | 42.0mm     | 8    | 47.7 EBHP | 6061.F6  | 6061.F3   | 136 lbs |
| 1750 RPM | VY-D 4.0/15 R  | 4.0  | 15    | 14500    | 1000 | 12mm            | 30.4mm     | L    | 38.4 EBHP | 6061.F6  | 6061.F3   | 136 lbs |
|          | VY-D 5.0/15 R  | 4.8  | 18.1  | 14500    | 1000 | 12mm            | 35.0mm     | 5    | 46.4 EBHP | 6061.F6  | 6061.F3   | 136 lbs |
|          | VY-D 6.5/12 R  | 6.5  | 24.6  | 11600    | 800  | 12mm            | 45.0mm     | 2    | 50.4 EBHP | 6061.F6  | 6061.F3   | 136 lbs |

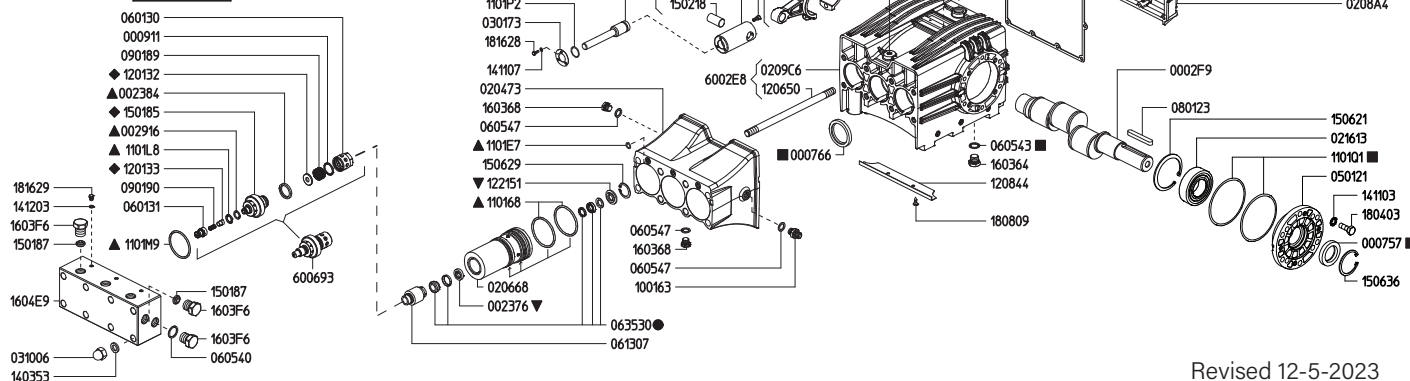
NOTE: All pump models available with left-hand drive option. Substitute 'L' for 'R' in model number when ordering (ex. VY-C 15/1000 L)



MAX FLOW  
MAX PRESSURE  
RATED PUMP SPEED  
POWER REQUIREMENT  
LUBRICATION

5.2 GPM / 20 L/MIN  
14500 PSI / 1000 BAR  
1000 RPM  
50.0 HP ELECTRIC  
128 OZ UDOR LUBE

| 6062E9<br>KIT 651 |     |   | 6062F1<br>KIT 652 |     |   | 6062F2<br>KIT 653 |     |   | 6062F3<br>KIT 654 |     |   | 6062F4<br>KIT 655 |     |   |
|-------------------|-----|---|-------------------|-----|---|-------------------|-----|---|-------------------|-----|---|-------------------|-----|---|
| CODE              | QTY |   | CODE              | QTY |   | CODE              | QTY |   | CODE              | QTY |   | CODE              | QTY |   |
| 000757            | 1   | ■ | 063530            | 3   | ● | 002384            | 3   | ▲ | 120132            | 3   | ◆ | 002376            | 3   | ▼ |
| 000766            | 3   |   |                   |     |   | 002916            | 3   |   | 120133            | 3   |   | 122151            | 3   |   |
| 060234            | 1   |   |                   |     |   | 110168            | 6   |   | 150185            | 3   |   |                   |     |   |
| 060543            | 2   |   |                   |     |   | 1101E7            | 3   |   |                   |     |   |                   |     |   |
| 1101Q1            | 4   |   |                   |     |   | 1101L8            | 3   |   |                   |     |   |                   |     |   |
|                   |     |   |                   |     |   | 1101M9            | 3   |   |                   |     |   |                   |     |   |



Revised 12-5-2023

| Part #  | Description                            | Qty |
|---------|----------------------------------------|-----|
| 0002.F9 | SHAFT "VX/VY"                          | 1   |
| 0007.57 | OIL SEAL D40 ■                         | 1   |
| 0007.66 | OIL SEAL D42 ■                         | 3   |
| 0009.11 | STOP RING "VY"                         | 3   |
| 0014.57 | PLUNGER GUIDE "VY"                     | 3   |
| 0023.76 | UPPER RING D14 "VY" ▼                  | 3   |
| 0023.84 | VALVE SEAL RING "VY" ▲                 | 3   |
| 0029.16 | RING D13.6 "VY" ▲                      | 3   |
| 0204.73 | COOLING SYSTEM BODY "VY"               | 1   |
| 0206.68 | SLEEVE D12/D14 "VY"                    | 3   |
| 0208.26 | OIL SIGHT GLASS                        | 1   |
| 0208.A4 | BACK COVER "GAMMA 3P/VX/VY"            | 1   |
| 0209.C6 | CRANKCASE "VH/VY"                      | 1   |
| 0216.13 | BEARING D40                            | 2   |
| 0301.73 | DISC "VY"                              | 3   |
| 0310.06 | NUT M14 "VY"                           | 8   |
| 0501.21 | BEARING FLANGE                         | 2   |
| 0601.30 | VALVE CAGE INLET "VY"                  | 3   |
| 0601.31 | VALVE CAGE OUTLET "VY"                 | 3   |
| 0602.34 | BACK COVER GASKET "GAMMA 3P/VX/VY" ■   | 1   |
| 0605.40 | GASKET D21.5                           | 1   |
| 0605.43 | GASKET D17 ■                           | 2   |
| 0605.47 | GASKET D13                             | 4   |
| 0613.07 | PLUNGER BUSHING D14 "VY"               | 3   |
| 0635.30 | HIGH/LOW PRESS. WATER SEALS D14 "VY" ● | 3   |
| 0801.23 | KEY A10X8X70 UNI6604                   | 1   |
| 0901.89 | INLET VALVE SPRING "VY"                | 3   |
| 0901.90 | OUTLET VALVE SPRING "VY"               | 3   |
| 1001.63 | NIPPLE G1/4 M X G1/4 M                 | 2   |
| 1101.68 | O-RING D60.32 (RIF.164) ▲              | 3   |
| 1101.E7 | O-RING D9.92 (RIF.112) ▲               | 3   |
| 1101.H6 | O-RING OIL SIGHT GLASS                 | 1   |
| 1101.L8 | O-RING D13.15 ▲                        | 3   |
| 1101.M9 | O-RING D50.47 (RIF.3200) 90SHORE ▲     | 3   |
| 1101.P2 | O-RING D20                             | 3   |
| 1101.Q1 | O-RING D88.50 (RIF.4350) ■             | 4   |
| 1201.32 | VALVE PLATE INLET "VY" ◆               | 3   |
| 1201.33 | VALVE PLATE OUTLET "VY" ◆              | 3   |
| 1205.65 | PLUNGER D14 "VY"                       | 3   |
| 1206.50 | STUD M14                               | 8   |
| 1208.44 | PLATE "VY"                             | 1   |

| Part #  | Description                                | Qty |
|---------|--------------------------------------------|-----|
| 1221.51 | PRESSURE RING D14 "VY" ▼                   | 3   |
| 1240.R9 | LIFTING HOOK M10 UNI-ISO3266               | 1   |
| 1401.05 | RIVET UNI7346-3.5X8                        | 2   |
| 1403.53 | WASHER D15                                 | 8   |
| 1403.57 | WASHER D8.4                                | 6   |
| 1411.03 | SERRATED WASHER D10                        | 12  |
| 1411.07 | SERRATED WASHER D5                         | 9   |
| 1412.03 | BONDED WASHER D6.7                         | 3   |
| 1501.85 | VALVE SEAT "VY" ◆                          | 3   |
| 1501.87 | CONICAL SEAT "VY"                          | 4   |
| 1502.18 | PIN D20X34                                 | 3   |
| 1506.21 | SNAP RING D80                              | 2   |
| 1506.29 | SNAP RING D32                              | 3   |
| 1506.36 | SNAP RING D55                              | 2   |
| 1512.09 | PLUG D5X20                                 | 6   |
| 1603.64 | PLUG G3/8                                  | 2   |
| 1603.68 | PLUG G1/4                                  | 2   |
| 1603.B8 | OIL PLUG G3/4 + GASKET                     | 1   |
| 1603.F6 | PLUG G1/2 SS                               | 5   |
| 1604.E9 | HEAD "VY" SS                               | 1   |
| 1625.06 | OIL PLUG G1/2 "VX/GAMMA-IL 3P"             | 1   |
| 1804.03 | HEX BOLT M10X30                            | 12  |
| 1805.23 | ALLEN BOLT M8X40                           | 6   |
| 1805.51 | ALLEN BOLT M6X40                           | 10  |
| 1805.67 | ALLEN BOLT M5X12                           | 3   |
| 1808.09 | SELF-THREADING SCREW D5.5X13 DIN7981       | 2   |
| 1816.28 | HEX BOLT M5X12 SS                          | 9   |
| 1816.29 | HEX BOLT M6X10 SS                          | 3   |
| 6000.96 | ROD ASSY "VX/VH/VY" BRONZE                 | 3   |
| 6002.E8 | CRANKCASE ASSEMBLY "VY"                    | 1   |
| 6062.E9 | POWER END OIL SEAL + GASKET (KIT 651)      |     |
| 6062.F1 | HIGH + LOW PRESS WATER SEALS D14 (KIT 652) |     |
| 6062.F2 | FLUID END O-RING KIT (KIT 653)             |     |
| 6062.F3 | VALVE KIT "VY" (KIT 654)                   |     |
| 6062.F4 | BRASS RING KIT D14 "VY" (KIT 655)          |     |

- Parts in 6062.E9 (Kit 651).
- Parts in 6062.F1 (Kit 652).
- ▲ Parts in 6062.F2 (Kit 653).
- ◆ Parts in 6062.F3 (Kit 654).
- ▼ Parts in 6062.F4 (Kit 655).



136 LBS  
128 OZ UDOR LUBE

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

## VY SERIES PUMPS - 35mm SOLID SHAFT

