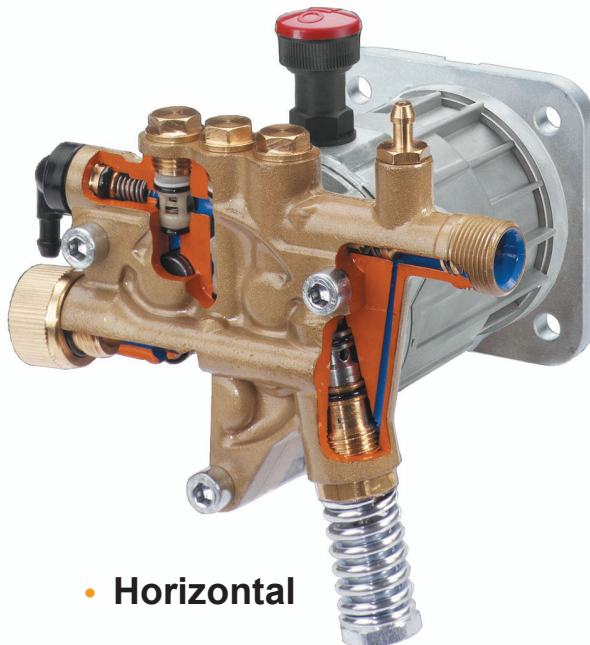


VRX Series

Consumer Pumps



- **Vertical**

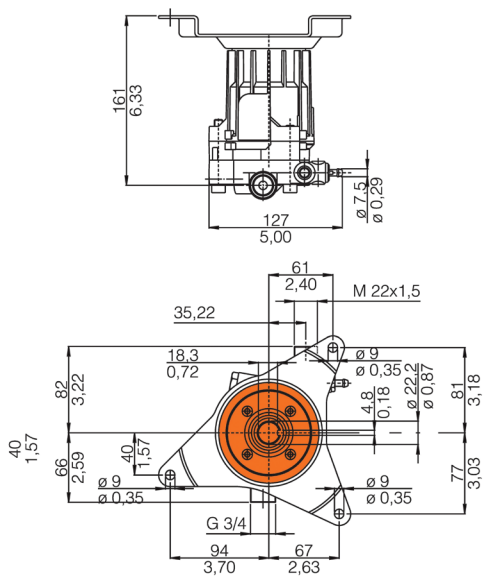


- **Horizontal**

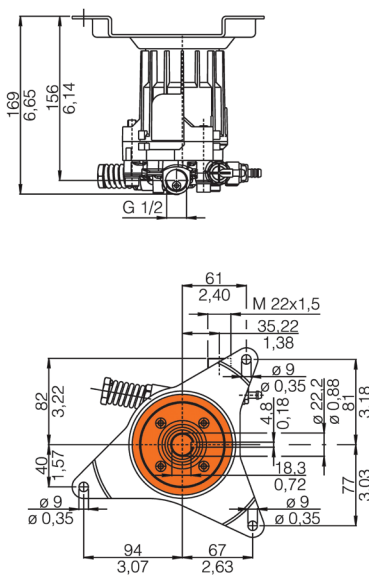
- 3/4" Inlet – 3/8" MPT Outlet
- Brass Head
- Special Aluminum Alloy Head with High Resistance to Corrosion (VRX 2017 V only)
- Built in Unloader with Chemical Injector
- Built in Easy Start
- High Efficiency Suction-Delivery Valves

- Stainless Steel Plungers
- Aluminum Crankcase without Need of Oil Replacement
- Optional Thermal Relief Valve (#5026.0276.00)
- Optional Garden Hose Tail (Brass 2800.0511.00 or Plastic)

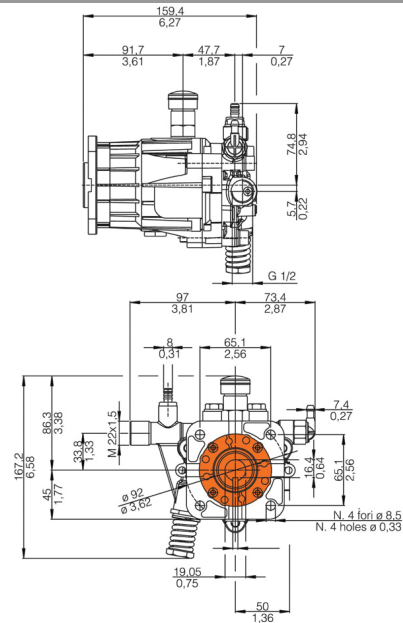
Takes 4.5 Ounces Pump Oil



Vertical VRX-V 2017



**Vertical
VRX-V 2022, 2422**



Horizontal VRX-G

VRX SERIES > Pumps-Vertical

- 3/4" Inlet – 3/8" MPT Outlet

**Pallet Qty: 60-Boxed; 96 Egg-Crated
Exceptions Noted**

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6511.0012.00	VRX 2017 V L46 AL ES	2.0	1700	3200	7/8"	14mm	8.0
6511.0023.00	VRX 2017 V L80 AL	2.0	1700	3200	7/8"	14mm	7.8
6511.0004.00	VRX 2022 V L46	2.0	2200	3200	7/8"	14mm	8.9
6511.0017.00	VRX 2022 V L80	2.0	2200	3200	7/8"	14mm	7.8
6511.0008.00*	VRX 2422 V L80	2.3	2200	3200	7/8"	14mm	9.0

May be made into four-hole mount with flange 3016.0042.00

*Boxed Pallet Qty 100

VRX SERIES > Pumps-Horizontal

- 3/4" Inlet – 3/8" MPT Outlet

**Pallet Qty: 60-Boxed; 96 Egg-Crated
Exceptions Noted**

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6511.0005.00	VRX 2522 G	2.4	2200	3400	3/4"	14mm	8.6
6511.0015.00 ¹	VRX 2524 G	2.4	2400	3400	3/4"	14mm	7.8
6511.0020.00 ^{TR}	VRX 2225 G TR	2.2	2500	3400	3/4"	14mm	8.0
6511.0025.00	VRX 2527 G	2.5	2700	3400	3/4"	14mm	7.8
6511.0033.00 ²	VRX 2527 G7	2.5	2700	3400	7/8"	14mm	8.8

TR-Thermal Relief

1-Egg-Crated Pallet Qty 120

2-Boxed Pallet Qty 84

VRX Repair Kits (Kits also on Pages 27 & 28)

5026.0260.00	Piston Kit, All VRX Pumps	5026.0257.00	Valve Kit, 2200 PSI
5026.0265.00	Water Seal Kit, 1700 PSI	5026.0263.00	Valve Kit, 1700 PSI
5026.0256.00	Water Seal Kit, 2200+PSI	5026.0270.00	Valve Kit, 2400+ PSI
		5026.0258.00	Regulator Valve Kit

BXD Series

Commercial Pumps



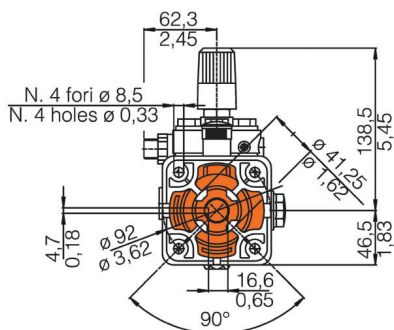
- 1/2" Inlet (GH not included) – 3/8" MPT Outlet
- Built-in Uniflow Unloader and Chemical Injector
- Built-in Easy Start
- Stainless Steel Plungers (Ceramic Optional)
- Steel Shaft with Built-in Key
- One Oil Cap for Travel and Operation
- Stainless Steel Check Valves
- Forged Brass Manifold
- Patent Registered Ball Bearing Design
- Optional Built-in Thermal Protector (#1215.0354.00)
- Optional Built-in Pressure Relief Valve (#1215.0311.00)
- Optional Built-in GH Inlet (#2800.0511.00)

• Torque Specs Available on Page 28

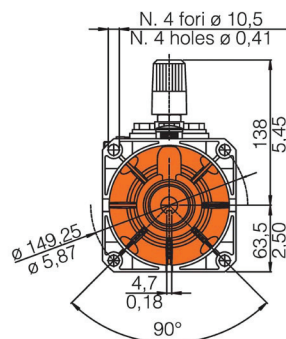
Pallet Qty: 84-Boxed; 72 Egg-Crated

• Additional Flows & Pressures are Available Upon Request

Takes 4 Ounces Pump Oil



**Gas Flange
BXD-G**



**Electric Flange
BXD-E**

BXD SERIES > Pumps-Gas Flange**3400 RPM - 3/4" Hollow Shaft**

- 1/2" Inlet – 3/8" MPT Outlet

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6525.1003.00	BXD 2220 G	2.2	2000	3400	3/4" Hollow	14mm	11.0
6525.1004.00	BXD 3020 G	2.8	2000	3400	3/4" Hollow	14mm	11.0
6525.1001.00	BXD 2525 G	2.2	2500	3400	3/4" Hollow	14mm	11.0
6525.1005.00	BXD 3025 G	2.8	2500	3400	3/4" Hollow	14mm	11.0
6525.1002.00	BXD 2527 G	2.4	2700	3400	3/4" Hollow	14mm	11.0

BXD SERIES > Pumps-Electric Flange**3400 RPM - NEMA 56C-5/8" Hollow Shaft**

- 1/2" Inlet – 3/8" MPT Outlet

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6525.1010.00	BXD 2020 E	1.9	2000	3400	5/8" Hollow	14mm	11.0
6525.0011.00	BXD 2520 E	2.5	2000	3400	5/8" Hollow	14mm	11.0
6525.1012.00	BXD 3020 E	2.8	2000	3400	5/8" Hollow	14mm	11.0

BXS SERIES > Pumps-Electric Flange**1750 RPM - NEMA 56C-5/8" Hollow Shaft**

- 1/2" Inlet – 3/8" MPT Outlet

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6526.1001.00	BXS 0615 E	0.6	1500	1750	5/8" Hollow	14mm	11.0

BXD Repair Kits (Kits also on Pages 27 & 28)

5019.0667.00	Seal Kit, Water, Gas
5019.0671.00	Seal Kit, Water, Electric
5019.0250.00	Seal Kit, Oil
5025.0027.00	Check Valve Kit
1215.0584.00	Unloader Valve Kit, 1885 PSI
1215.0585.00	Unloader Valve Kit, 2610 PSI
1215.0586.00	Unloader Valve Kit, 4000 PSI

AX Series

Commercial Pumps



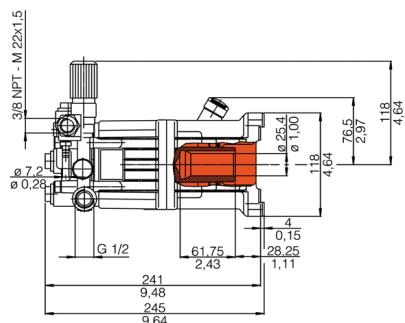
- > **1750 RPM**
- > **3400 RPM**

- 3/4" GH Inlet – 3/8" MPT Outlet
- Built-in Uniflow Unloader and Chemical Injector with Inner Stainless Steel Parts
- Abrasion Proof, Heat Resistant, Industrial Ceramic Plungers
- Stainless Steel Unitized Check Valves
- Forged Brass Manifold
- Industrial Duty Construction for Extended Life
- Patent Registered Ball Bearing Design
- Built-in Garden Hose Adapter
- Double-Sealing Buna-Textile V-Packing
- Optional Built-in Thermal Protector (#1215.0354.00)
- Optional Built-in Pressure Relief Valve (#1215.0311.00)

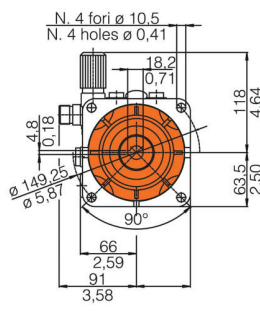
• **Torque Specs Available on Page 28**

• Additional Flows & Pressures are Available Upon Request

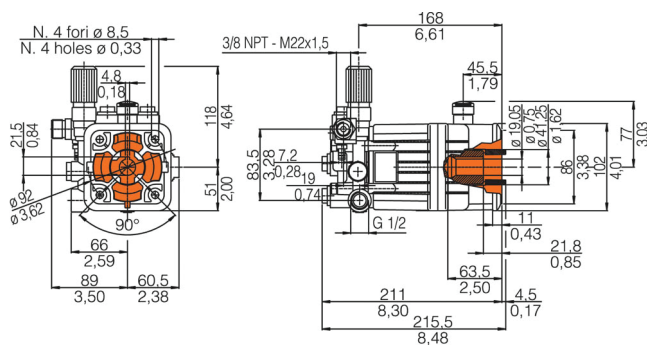
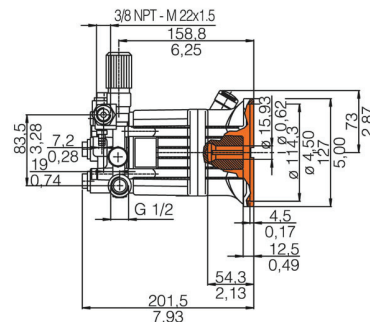
Takes 6 Ounces Pump Oil



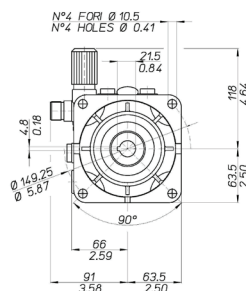
Gas Flange
AXD-G 3000 PSI



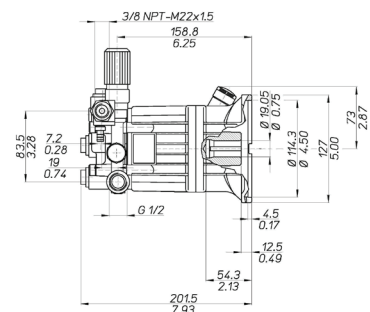
Electric Flange
AXD/S-E



Gas Flange
AXD-G 2700 PSI



Electric Flange
AX-GE



AXD SERIES > Pumps-Gas Flange

3400 RPM - 3/4" Hollow Shaft

Pallet Qty: 100-Boxed; 96 Egg-Crated; Exception Below

- 3/4" Inlet – 3/8" MPT Outlet

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6501.0005.00	AXD 3020 G	2.7	2000	3400	3/4" Hollow	14mm	13.0
6501.0008.00	AXD 3522 G	3.3	2200	3400	3/4" Hollow	14mm	13.0
6501.0050.00	AXD 2524 G-T	2.4	2400	3400	3/4" Hollow	14mm	13.0
6501.0051.00	AXD 2524 G	2.4	2400	3400	3/4" Hollow	14mm	13.0
6501.0006.00	AXD 3025 G	2.9	2500	3400	3/4" Hollow	14mm	13.0
6501.0017.00	AXD 3525 G	3.3	2500	3400	3/4" Hollow	14mm	13.0
6501.0063.00	AXD 2427 G	2.4	2700	3400	3/4" Hollow	14mm	13.0
6501.0059.00 ¹	AXD 2527 G-T	2.5	2700	3400	3/4" Hollow	14mm	13.0
6501.0025.00	AXD 2527 G	2.5	2700	3400	3/4" Hollow	14mm	13.0
6501.0065.00*	AXD 2527 G	2.5	2700	3400	3/4" Hollow	14mm	13.0 

"T" Denotes Stainless Steel Pistons; * Includes Thermal Relief & Plug; Pallet Qty: 60 Boxed, 100 Egg-Crated

1-Egg-Crated Pallet Qty 100

AXD SERIES > Pumps-Electric Flange

1750 & 3400 RPM -

5/8" & 3/4" Hollow Shaft

NEMA 56C Electric Motor Flange

Pallet Qty: 60-Boxed; 72 Egg-Crated *Exceptions below

- 3/4" Inlet – 3/8" MPT Outlet

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6502.0009.00	AXS 0415 E	0.4	1500	1750	5/8" Hollow	14mm	13.0
6502.0010.00	AXS 0615 E	0.6	1500	1750	5/8" Hollow	14mm	13.0
6502.0005.00	AXS 0915 E	0.9	1500	1750	5/8" Hollow	14mm	13.0
6502.0008.00	AXS 1315 E	1.3	1500	1750	5/8" Hollow	14mm	13.0
6502.0006.00 ³	AXS 2015 E	1.7	1500	1750	5/8" Hollow	14mm	13.0
6501.0038.00* ¹	AXD 2020 E	1.7	2000	3400	5/8" Hollow	14mm	13.0
6501.0010.00	AXD 2020 E	1.9	2000	3400	5/8" Hollow	14mm	13.0
6501.0098.00	AXD 2020 E-T	1.9	2000	3400	5/8" Hollow	14mm	13.0
6501.0012.00	AXD 2520 E	2.5	2000	3400	5/8" Hollow	14mm	13.0
6501.0013.00	AXD 3020 E	2.9	2000	3400	5/8" Hollow	14mm	13.0
6501.0087.00	AXD 3020 GE	2.9	2000	3400	3/4" Hollow	14mm	13.0
6501.0090.00 ²	AXD 2527 GE	2.5	2700	3400	3/4" Hollow	14mm	13.0

*5.5 Degree Cam 1-70 Egg-Crated

2-96 Boxed

3-60 Egg-Crated

"T" Denotes Stainless Steel Pistons

AXD SERIES > Pumps-Gas Flange

3400 RPM - 1" Hollow Shaft

Pallet Qty: 60-Boxed; 72 Egg-Crated

- 3/4" Inlet – 3/8" MPT Outlet

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6501.0024.00	AXD 3030 G	2.9	3000	3400	1" Hollow	14mm	14.5
6501.0027.00	AXD 3530 G	3.3	3000	3400	1" Hollow	14mm	14.5
6501.0023.00	AXD 4030 G	3.7	3000	3400	1" Hollow	14mm	14.5

AXD Repair Kits (Kits also on Pages 27 & 28)

AXD up to 2400 PSI Repair Kits

5019.0077.00	Seal Kit, Water
1215.0585.00	Unloader Repair Kit, 2610 PSI
5025.0014.00	Check Valve Kit Universal
2409.0092.00	Piston Kit
5019.0079.00	Seal Kit, Oil

AXD 2500+ PSI Repair Kits

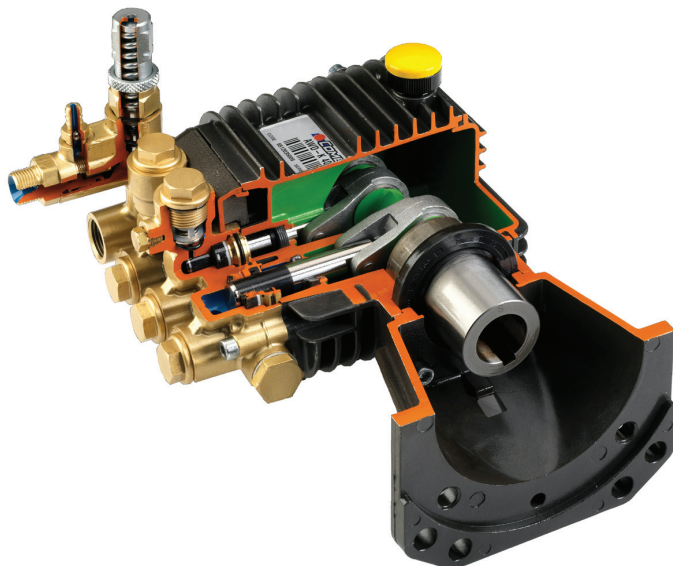
5019.0077.00	Seal Kit, Water
1215.0586.00	Unloader Repair Kit, 4000 PSI
5025.0014.00	Check Valve Kit Universal
2409.0092.00	Piston Kit
5019.0079.00	Seal Kit, Oil

AXD 3000 PSI Repair Kits

5019.0086.00	Seal Kit, Water
1215.0586.00	Unloader Repair Kit, 4000 PSI
5025.0014.00	Check Valve Kit Universal
2409.0103.00	Piston Kit
5019.0079.00	Seal Kit, Oil

BWD Series

Commercial Pumps

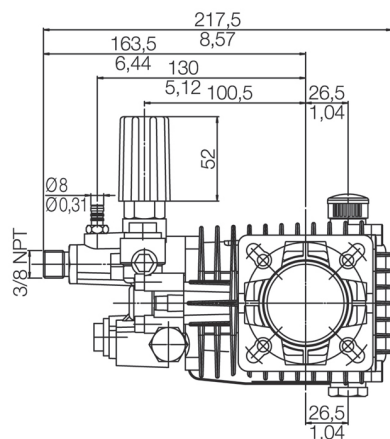
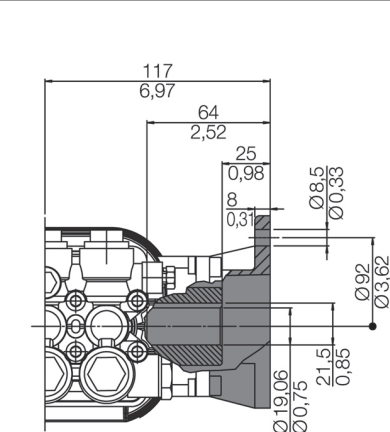


- 1/2" FPT Inlet – 3/8" MPT Outlet
- Built-in Uniflow Unloader and Fixed Chemical Injector
- Double Seal Packings (High & Low)
- Anodized Crankcase
- Ceramic Plungers
- Forged Brass Manifold
- Stainless Steel Check Valves

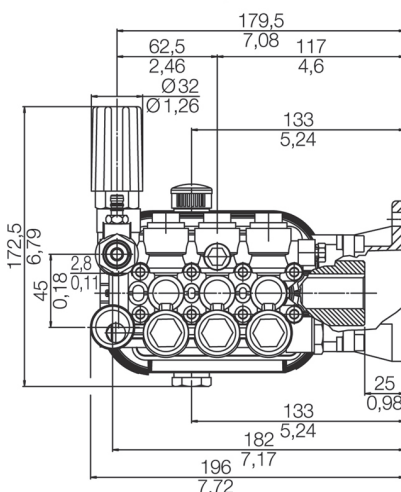
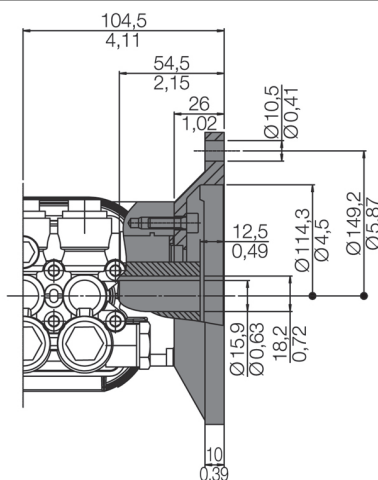
• Torque Specs Available on Page 28

Pallet Qty: 60-Boxed; 60 Egg-Crated

Takes 10 Ounces Pump Oil



**Gas Flange
BWD-G**



**Electric Flange
BWD-E**

BWD SERIES > Pumps-Gas Flange**3400 RPM - 3/4" Hollow Shaft (SAE J609 A-B) - Gas**

- 1/2" FPT Inlet – 3/8" MPT Outlet

Pump without Built-In Unloader

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6521.0100.00	BWD 2527 G	2.6	2700	3400	3/4" Hollow	14mm	12.0
6521.0300.00	BWD 3027 G	3.0	2700	3400	3/4" Hollow	14mm	12.0

Pump with Built-In Unloader

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6521.0250.00	BWD 3020 G-K	3.0	2000	3400	3/4" Hollow	14mm	12.6
6521.0150.00	BWD 2527 G-K	2.6	2700	3400	3/4" Hollow	14mm	13.1
6521.0350.00	BWD 3027 G-K	3.0	2700	3400	3/4" Hollow	14mm	12.9

BWD SERIES > Pumps-Electric Flange**3400 RPM - 5/8" Hollow Shaft (NEMA 56C) - Electric**

- 1/2" FPT Inlet – 3/8" MPT Outlet

Pump with Built-In Unloader

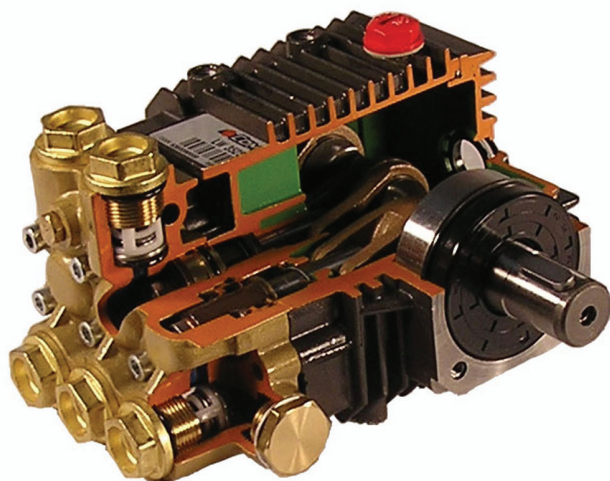
PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6521.0450.00	BWD 2020 E-K	1.9	2000	3400	5/8" Hollow	14mm	14.0
6521.0251.00	BWD 3020 E-K	2.7	2000	3400	5/8" Hollow	14mm	14.0

BW Repair Kits (Hot and Standard Kits also on pages 27 & 28)

5019.0686.00	Seal Kit, Water, 2700 PSI
5019.0684.00	Seal Kit, Water, 2000 PSI
5019.0685.00	Seal Kit, Oil
5025.0030.00	Valve Kit
1215.0585.00	Unloader Valve Kit, 2610 PSI
1215.0586.00	Unloader Valve Kit, 4000 PSI

LW Series

Industrial Pumps

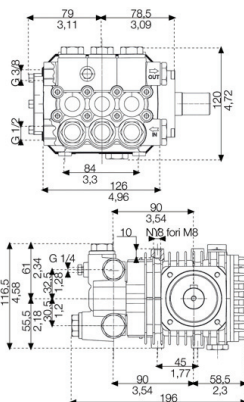


- > **1450 RPM**
- > **1750 RPM**
- > **3400 RPM**

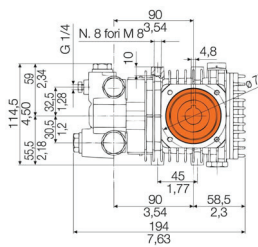
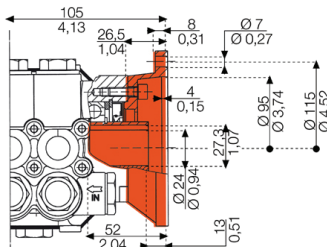
- 3/8" FPT Inlet – 3/8" FPT Outlet
- Reversible Crankshaft for Easy Right or Left Hand Mounting
- Forged Bronze Connecting Rods with Lifetime Warranty
- Hardened Stainless Steel Piston Guides
- High Efficiency Stainless Steel Check Valves
- Abrasion Proof, Heat Resistant, Industrial Ceramic Plungers
- High Quality Buna-Textile Double-Sealing V-Packings
- Solid or Hollow Shaft
- Die-Cast, Anodized Aluminum Crankshaft-Fin Design for Optimal Operating Temperature
- Flange for Direct Mounting to Gas Engines or Electric Motors
- High Quality Oversized Ball Bearings
- Optimal Oil Bath for High Speed Operation

• Torque Specs Available on Page 28

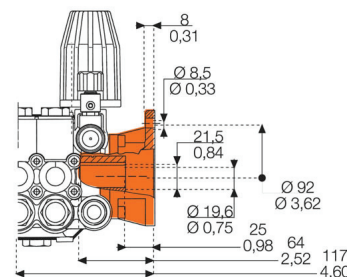
Takes 11 Ounces Pump Oil



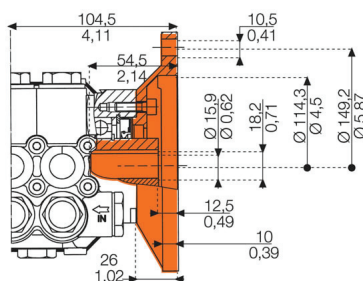
**Gas Flange
LW-G**



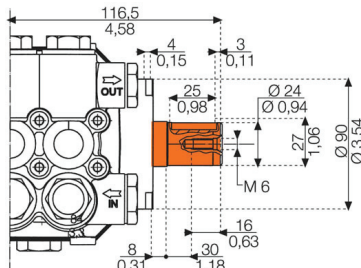
**Solid Shaft
LW-GE**



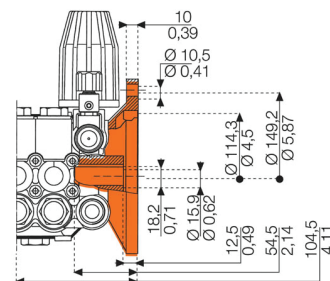
**Gas Flange
LW-K G**



**Electric Flange
LW-E**



**Solid Shaft
LW-S**



**Electric Flange
LW-K E**

LW SERIES > Pumps-Solid Shaft

1450 RPM - 24mm Solid Shaft

- 3/8" FPT Inlet – 3/8" FPT Outlet

- 24 mm Solid, Keyed Shaft
- Pallet Qty: 100 (Boxed or Egg-Crated)

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6300.1501.00x	LW 0509 S	0.5	1500	1450	24mm Solid	15mm	13.4
6300.1401.00x	LW 1009 S	1.0	1500	1450	24mm Solid	18mm	13.4
6300.1601.00x	LW 1509 S	1.5	1500	1450	24mm Solid	18mm	13.4
6300.0502.00	LW 2020 S	2.1	2000	1450	24mm Solid	15mm	13.4
6300.0303.00	LW 3020 S	3.0	2000	1450	24mm Solid	18mm	13.4
6300.0700.00	LW 3025 S	3.0	2500	1450	24mm Solid	18mm	13.4
6300.0800.00	LW 3525 S	3.5	2500	1450	24mm Solid	18mm	13.4

x-3/8" Inlet

A=Aluminum Manifold

LWS SERIES > Pumps-Solid Shaft

1750 RPM - 24mm Solid Shaft

- 3/8" FPT Inlet – 3/8" FPT Outlet

- 24 mm Solid, Keyed Shaft
- Pallet Qty: 100 (Boxed or Egg-Crated)

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6301.2700.00x	LWS 0609 S	0.6	1500	1750	24mm Solid	15mm	13.4
6301.2500.00x	LWS 1209 S	1.2	1500	1750	24mm Solid	18mm	13.4
6301.2600.00x	LWS 1809 S	1.8	1500	1750	24mm Solid	18mm	13.4
6301.0101.00	LWS 2020 S	2.2	2000	1750	24mm Solid	15mm	13.4
6301.0601.00	LWS 3020 S	3.1	2000	1750	24mm Solid	18mm	13.4
6301.1400.00	LWS 4020 S	4.0	2000	1750	24mm Solid	18mm	13.4
6301.1300.00	LWS 3025 S	3.2	2500	1750	24mm Solid	18mm	13.4
6301.1201.00	LWS 3525 S	3.5	2500	1750	24mm Solid	18mm	13.4

x-3/8" Inlet

*97 Egg-Crated

Pump with Built-In Unloader

6301.1350.00 LWS 3025 S-K 3.2 2500 1750 24mm Solid 18mm 17.0

K-Built-In Unloader; Pallet Qty 60 Boxed

LWS SERIES > Pumps-Electric Flange

1750 RPM - NEMA 56C - 5/8"

or 3/4" Hollow Shaft

- 3/8" FPT Inlet – 3/8" FPT Outlet

- NEMA 56C Electric Motor Flange with 5/8" Hollow Shaft
- Pallet Qty: 100-Boxed; 72-Egg-Crated

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6301.2701.00x	LWS 0609 E	0.6	1500	1750	5/8" Hollow	15mm	13.4
6301.2501.00x	LWS 1209 E	1.2	1500	1750	5/8" Hollow	18mm	13.4
6301.2601.00x	LWS 1809 E	1.8	1500	1750	5/8" Hollow	18mm	13.4
6301.2300.00x	LWS 0409 GE	0.4	1500	1750	3/4" Hollow	18mm	13.4
6301.0102.00	LWS 2020 E	2.2	2000	1750	5/8" Hollow	15mm	13.4
6301.0604.00	LWS 3020 E	3.0	2000	1750	5/8" Hollow	18mm	13.4
6301.0602.00	LWS 3520 E	3.6	2000	1750	5/8" Hollow	18mm	13.4

x-3/8" Inlet

Pump with Built-In Unloader

6301.0654.00* LWS 3020 E-K 3.0 2000 1750 5/8" Hollow 18mm 13.4

K-Built-In Unloader; Pallet Qty 60 (Boxed or Egg-Crated)

LWD SERIES > Pumps-Solid Shaft

3400 RPM - 24mm Solid Shaft

- 3/8" FPT Inlet – 3/8" FPT Outlet

- 24mm Solid, Keyed Shaft
- Pallet Qty: 100 (Boxed or Egg-Crated)

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6303.0507.00	LWD 3020 S	3.0	2000	3400	24mm Solid	15mm	13.4
6303.0803.00	LWD 3522 S	3.5	2200	3400	24mm Solid	18mm	13.4
6303.0702.00	LWD 3025 S	3.0	2500	3400	24mm Solid	18mm	13.4

LWD SERIES > Pumps-Electric Flange

3400 RPM - NEMA 56C -5/8" or 3/4" Hollow Shaft

- 3/8" FPT Inlet – 3/8" FPT Outlet

- NEMA 56C Electric Motor Flange with 5/8" or 3/4" Hollow Shaft
- **Pallet Qty: 100 Boxed; 72 Egg-Crated**

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6303.0105.00	LWD 2020 E	2.1	2000	3400	5/8" Hollow	15mm	13.4
6303.0509.00	LWD 3020 E	3.0	2000	3400	5/8" Hollow	15mm	13.4
6303.0806.00	LWD 3522 E	3.5	2200	3400	5/8" Hollow	15mm	13.4
6303.0804.00	LWD 3522 GE	3.5	2200	3400	3/4" Hollow	15mm	13.4
Pump with built-in Unloader							
6303.0156.00	LWD 2020 E-K	2.1	2000	3400	5/8" Hollow	15mm	13.4

K-Built-In Unloader

LWD SERIES > Pumps-Gas Flange

3400 RPM - Gas Engine Flange

- 3/8" FPT Inlet – 3/8" FPT Outlet

- Gas Engine Mounting Flange with 3/4" Hollow Shaft
- **Pallet Qty: 100 (Boxed or Egg-Crated)**

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6303.0104.00'	LWD 2020 G	2.1	2000	3400	3/4" Hollow	15mm	13.4
6303.1600.00	LWD 2520 G	2.5	2000	3400	3/4" Hollow	15mm	13.4
6303.0508.00	LWD 3020 G	3.0	2200	3400	3/4" Hollow	15mm	13.4
6303.0802.00	LWD 3522 G	3.5	2200	3400	3/4" Hollow	15mm	13.4
6303.0701.00'	LWD 3025 G	3.0	2500	3400	3/4" Hollow	15mm	13.4
6303.1700.00	LWD 2525 G	2.5	2700	3400	3/4" Hollow	15mm	13.4

1-Pallet Qty 97 Egg-Crated

2-Pallet Qty 96 Egg-Crated

LWD SERIES > Pumps-Gas Flange

3400 RPM - Gas Engine Flange

- 3/8" FPT Inlet – 3/8" FPT Outlet

- Gas Engine Mounting Flange with 3/4" Hollow Shaft
- **Pallet Qty: 60 (Boxed or Egg-Crated)**

Pump with Built-In Unloader

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6303.0157.00	LWD 2020 G-K	2.1	2000	3400	3/4" Hollow	15mm	13.4
6303.1652.00	LWD 2520 G-K	2.5	2000	3400	3/4" Hollow	15mm	13.4
6303.0558.00	LWD 3020 G-K	3.0	2000	3400	3/4" Hollow	15mm	13.4
6303.0754.00	LWD 3025 G-K	3.0	2500	3400	3/4" Hollow	15mm	16.0
6303.1751.00	LWD 2525 G-K	2.5	2700	3400	3/4" Hollow	15mm	16.0
6303.1750.00*	LWD 2525 G-K	2.5	2700	3400	3/4" Hollow	15mm	16.0
6303.2100.00'	LWD 2527 G-RF	2.5	2700	3400	3/4" Hollow	15mm	16.0

***Fixed injector; RF-Bolt-on Unloader; K-Built-In Unloader**

1-Pallet Qty 100 Egg-Crated

LW Series Mounting Rail Kits

5011.0184.00

Standard Rail Kit for LW Series Pump

5011.0216.00

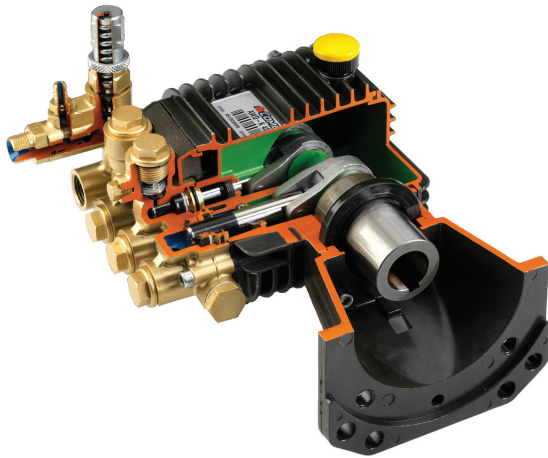
Tall Rail Kit for LW Series Pump

LW Series Repair Kits (Hot and Standard Kits also on Pages 27 & 28)

5019.0035.00	LW Water Seal Kit, 15mm	1215.0584.00	Unloader Valve Kit, 1885 PSI
5019.0037.00	LW Water Seal Kit, 18mm	1215.0585.00	Unloader Valve Kit, 2610 PSI
5019.0040.00	LW Oil Seal Kit, Solid Shaft	1215.0586.00	Unloader Valve Kit, 4000 PSI
5019.0041.00	LW Oil Seal Kit, Hollow Shaft	5026.0123.00	Unloader Maintenance Kit
2409.0071.00	LW Piston Kit, 15mm	5019.0048.00	Hot Water Kit, 15mm
2409.0072.00	LW Piston Kit, 18mm	5019.0049.00	Hot Water Kit, 18mm
5025.0011.00	LW Check Valve Kit	5019.0051.00	Viton Seal Kit, 15mm
5026.0130.00	Unloader Rebuild Kit	5019.0050.00	Viton Seal Kit, 18mm

AWD Series

Commercial Pumps



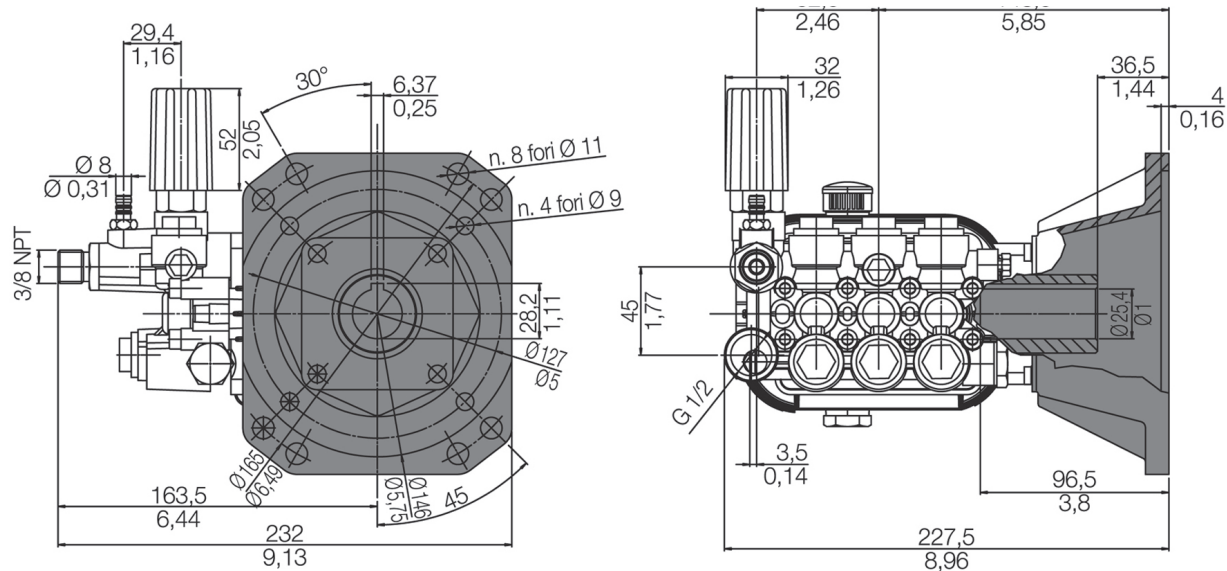
3400 RPM - Gas Engine Flange

- 1/2" FPT Inlet – 3/8" MPT Outlet
- Built-in Uniflow Unloader and Fixed Chemical Injector
- Double Seal Packings (High & Low)
- Anodized Crankcase
- Ceramic Plungers
- Forged Brass Manifold
- Stainless Steel Check Valves

- Torque Specs Available on Page 28

Pallet Qty: 60-Boxed; 60 Egg-Crated

Takes 10 Ounces Pump Oil



AWD SERIES > Pumps-Gas Flange

- 1/2" FPT Inlet – 3/8" MPT Outlet

Pump without Built-In Unloader

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6520.0300.00	AWD 4030 G	4.0	3000	3400	1" Hollow	14mm	12.6

Pump with Built-In Unloader

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6520.0150.00	AWD 3030 G-K	3.0	3000	3400	1" Hollow	14mm	14.4
6520.0250.00	AWD 3530 G-K	3.5	3000	3400	1" Hollow	14mm	14.4
6520.0350.00	AWD 4030 G-K	4.0	3000	3400	1" Hollow	14mm	14.4
6520.0450.00	AWD 4036 G-K	4.0	3600	3400	1" Hollow	14mm	14.4

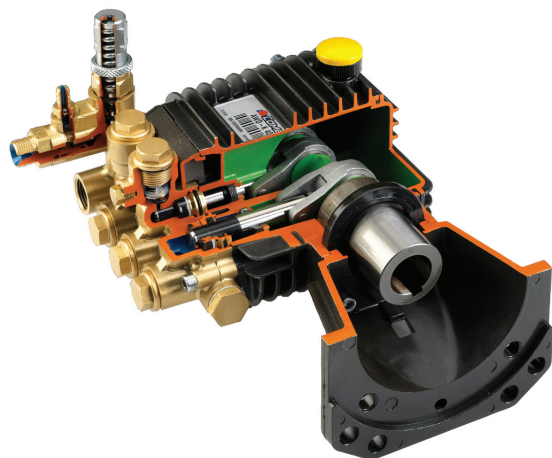
K-Built-In Unloader

AW Repair Kits (Kits also on Pages 27 & 28)

- 5019.0686.00 AW Water Seal Kit
- 5019.0687.00 AW Oil Seal Kit
- 5025.0030.00 Valve Kit
- 1215.0586.00 Unloader Kit (4000 PSI)

GWD Series

Commercial Pumps



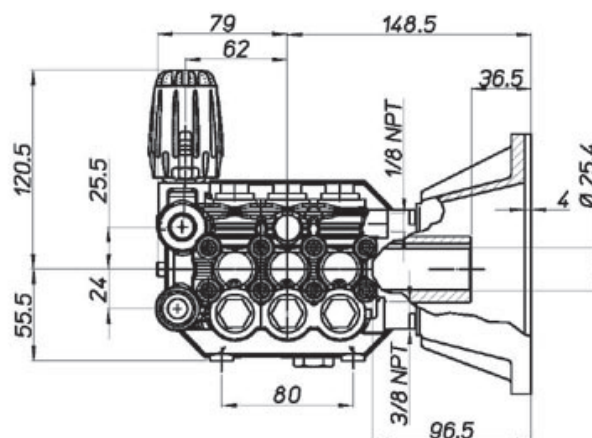
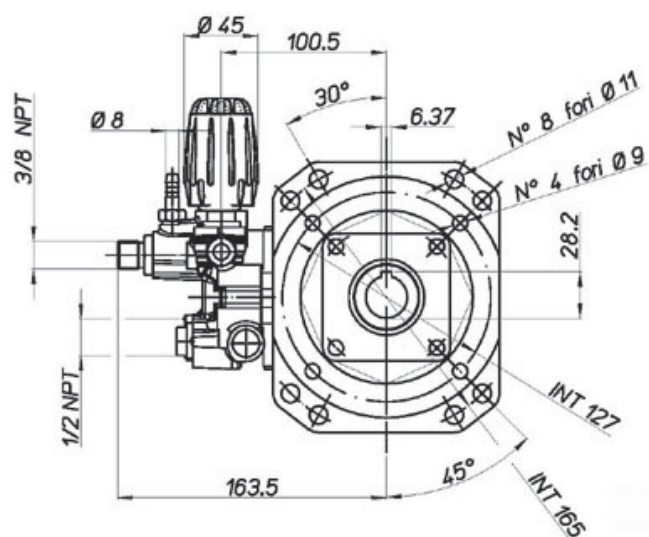
3400 RPM - Gas Engine Flange

- 1/2" FPT Inlet – 3/8" MPT Outlet
- Built-in Uniflow Unloader and Fixed Chemical Injector
- Double Seal Packings (High & Low)
- Anodized Crankcase
- Ceramic Plungers
- Forged Brass Manifold
- Stainless Steel Check Valves

- Torque Specs Available on Page 28

Pallet Qty: 60-Boxed; 60 Egg-Crated

Takes 10 Ounces Pump Oil



GWD SERIES > Pumps-Gas Flange

- 1/2" FPT Inlet – 3/8" MPT Outlet

Pump with Built-In Unloader

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6310.0600.00	GWD 3035 G-K	3.0	3500	3400	1" Hollow	14mm	14.4
6310.0700.00	GWD 3535 G-K	3.5	3500	3400	1" Hollow	14mm	14.4

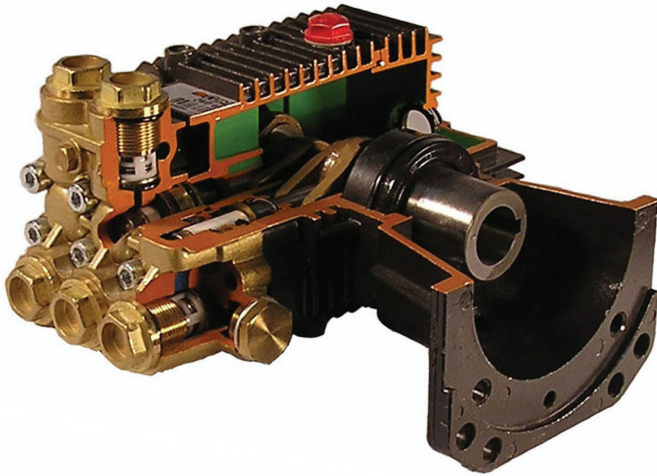
K-Built-In Unloader

GW Repair Kits (Kits also on Pages 27 & 28)

5019.0686.00	GW Water Seal Kit
5019.0687.00	GW Oil Seal Kit
2409.0260.00	Piston Kit
5025.0030.00	Valve Kit
1215.0586.00	Unloader Kit (4000 PSI)

ZWD Series

Industrial Pumps

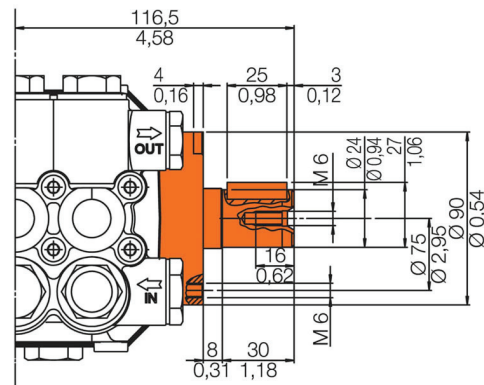
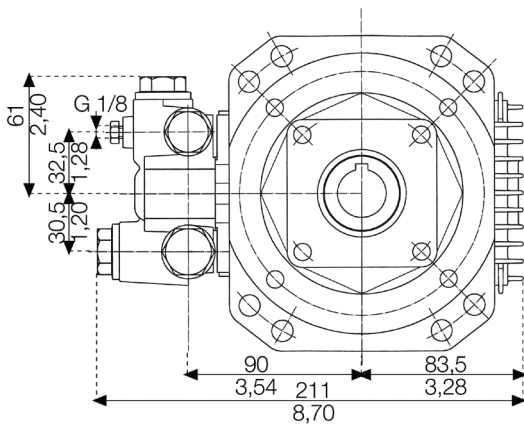


- 1/2" FPT Inlet – 3/8" Outlet
(see pump sections for M or F)
- Reversible Crankshaft for Easy Right or Left Hand Mounting
- Increased Fin Depth Increases Surface Area to Maximize Heat Dissipation
- Stainless Steel Unitized Check Valves
- Heat-Resistant Solid Ceramic Plungers Operating on Lubricated Packings
- Direct Drive Mounting Flange
- Reinforced Crankcase for Increased Load Capacity
- Enlarged Crankcase Increases Oil Capacity for Better Lubrication and Lower Operating Temperatures
- One-Piece Industrial-Grade Oversized Bronze Connecting Rods

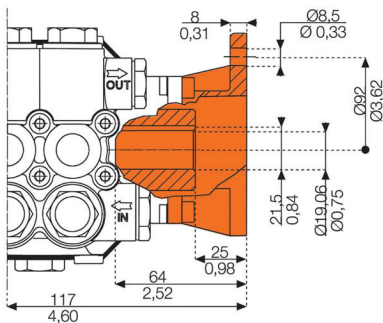
Pallet Qty: 60 (Boxed or Egg-Crated)

- **Torque Specs Available on Page 28**

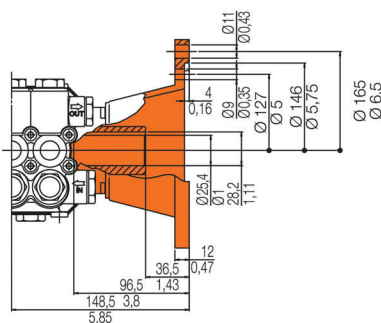
Takes 14 Ounces Pump Oil



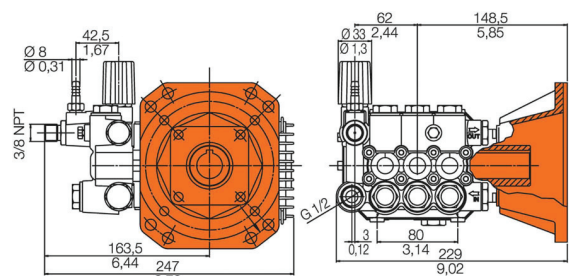
Solid Shaft ZW-S



Gas Flange ZW-G 3/4"



Gas Flange ZW-G 1"



Gas Flange ZW-G-K

ZWD SERIES > Pumps-Gas Flange

3400 RPM - Gas Engine Flange

- 1/2" FPT Inlet, 3/8" FPT Outlet
- Gas Engine Mounting Flange

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6305.0104.00*	ZWD 3030 G	3.0	3200	3400	3/4" Hollow	15mm	17.5
6305.1900.00	ZWD 2535 G	2.5	3500	3400	3/4" Hollow	15mm	17.5
6305.1600.00	ZWD 3035 G	3.0	3500	3400	1" Hollow	15mm	17.5
6305.1700.00	ZWD 3535 G	3.4	3500	3400	1" Hollow	15mm	17.5
6305.1800.00**	ZWD 4035 G	4.0	3500	3400	1" Hollow	15mm	17.5
6305.1100.00	ZWD 3040 G	3.0	4000	3400	1" Hollow	15mm	17.5
6305.1000.00	ZWD 3540 G	3.4	4000	3400	1" Hollow	15mm	17.5
6305.0900.00	ZWD 4040 G	4.0	4000	3400	1" Hollow	15mm	17.5

*Aluminum Connecting Rod

**60 Egg-Crated

ZWD SERIES > Pumps-Gas Flange

3400 RPM - Gas Engine Flange

- 1/2" FPT Inlet, 3/8" MPT Outlet
- Gas Engine Mounting Flange

Pump with Built-In Unloader							
PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6305.1650.00	ZWD 3035 G-K	3.0	3500	3400	1" Hollow	15mm	19.5
6305.1750.00	ZWD 3535 G-K	3.4	3500	3400	1" Hollow	15mm	19.5
6305.1850.00	ZWD 4035 G-K	4.0	3500	3400	1" Hollow	15mm	19.5
6305.0906.00'	ZWD 4035 G-RF	4.0	3500	3400	1" Hollow	15mm	21.0
6305.1052.00	ZWD 3540 G-K	3.5	4000	3400	1" Hollow	15mm	21.8
6305.1503.00	ZWD 4040 G-K	4.0	4000	3400	1" Hollow	15mm	22.0

RF-Bolt-on Unloader

K-Built-In Unloader

1-Pallet Qty 100 Egg-Crated

ZWD SERIES > Pumps-Solid Shaft

3400 RPM - 24mm Solid Shaft

- 1/2" FPT Inlet, 3/8" FPT Outlet
- 24mm Solid, Keyed Shaft

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6305.0603.00	ZWD 4030 S	4.0	3000	3400	24mm Solid	15mm	17.4

*Aluminum Connecting Rod

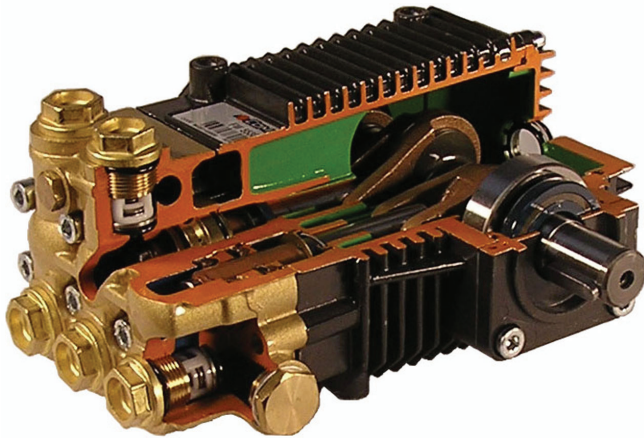
ZW Series Repair Kits (Kits also on Pages 27 & 28)

5019.0064.00 ZWD Seal Kit, 15mm
 5025.0011.00 Check Valve Kit
 1215.0586.00 Unloader Kit (4000 PSI)
 2409.0071.00 ZWD Piston Kit, 15mm

5019.0040.00 ZWD Oil Seal Kit, Solid Shaft
 5019.0065.00 ZWD Oil Seal Kit, Hollow Shaft
 5019.0048.00 Hot Water Kit, 15mm
 5019.0051.00 Viton Seal Kit, 15mm

HW Series

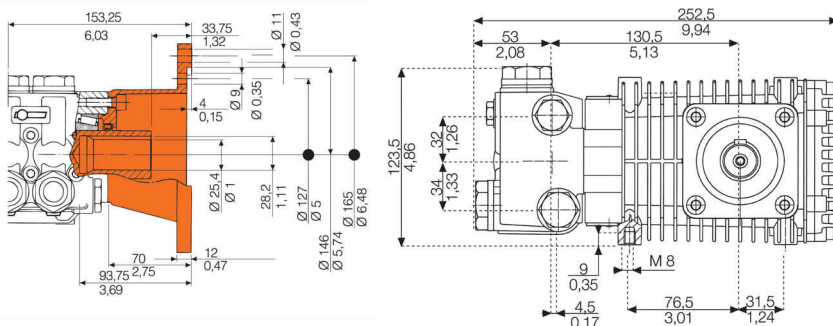
Industrial Pumps



> **3400 RPM**

- 1/2" FPT Inlet – 3/8" FPT Outlet
- Reversible Crankcase for Easy Right or Left Hand Mounting
- Hardened Stainless Steel Piston Guides
- Highly Efficient Stainless Steel Check Valves
- Solid Ceramic Plungers
- High & Low Pressure Seals: High Quality Buna-Textile Packings
- Additional Anti-Extrusion Ring under the Seal
- Solid or Hollow Shaft
- Solid Brass Manifolds
- Special Forged Brass Oversized Connecting Rods
- Flange for Direct Mounting to Gas Engines (Hollow Shaft Models Only.)
- Die-Cast, Anodized Aluminum Crankcase
- High Quality Tapered Roller Bearings
- Optimal Oil Bath for High Speed Operation
- Torque Specs Available on Page 28

Takes 19 Ounces Pump Oil



**Gas Flange
HW-G**

HWD SERIES > Pumps-Gas Flange

3400 RPM - Gas Engine Flange

- 1/2" FPT Inlet, 3/8" FPT Outlet
- Gas Engine Mounting Flange with 1" Hollow Shaft

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6405.0400.00	HWD 5540 G	5.3	4000	3400	1" Hollow	18mm	22.5

HW Series Mounting Rail Kits

5011.0185.00

Standard Rail Kit for HW Series Pump

5011.0216.00

Tall Rail Kit for HW Series Pump

HW Series Repair Kits (Kits also on Pages 27 & 28)

5025.0011.00 Check Valve Kit

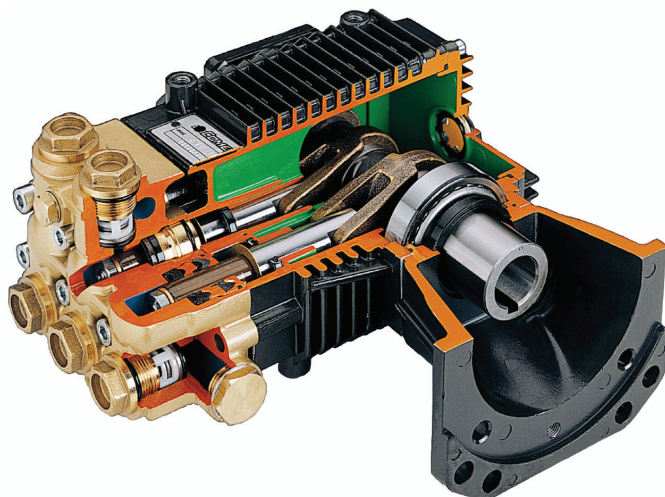
5019.0045.00 HW Oil Seal Kit, Hollow Shaft

5019.0631.00 HW Water Seal Kit, 18mm

5019.0049.00 Hot Water Kit, 18mm (2 Required)

2409.0073.00 HW Piston Kit, 18mm

FW2 Series Industrial Pumps

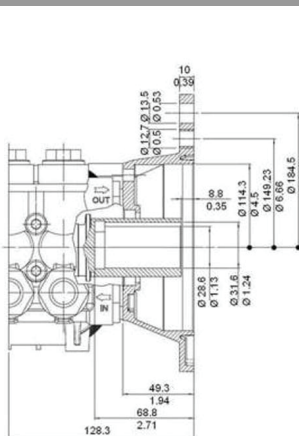
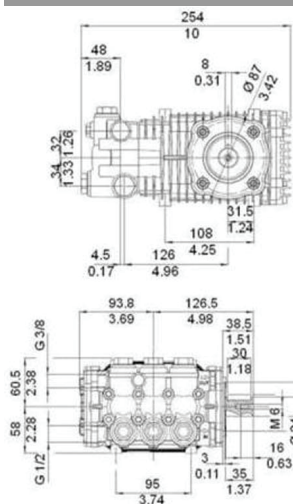


- > 1450 RPM
- > 1750 RPM
- > 3400 RPM

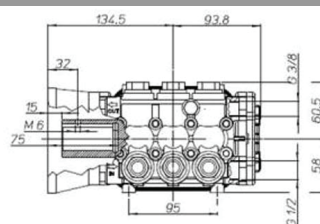
- 1/2" FPT Inlet – 3/8" FPT Outlet
- Reversible Crankcase for Easy Right or Left Hand Mounting
- Hardened Stainless Steel Piston Guides
- Highly Efficient Stainless Steel Check Valves
- Solid Ceramic Plungers
- High & Low Pressure Seals: High Quality Buna-Textile Packings
- Additional Anti-Extrusion Ring under the Seal
- Solid or Hollow Shaft
- Solid Brass Manifolds
- Special Forged Brass Oversized Connecting Rods
- Flange for Direct Mounting to Gas Engines or Electric Motors (Hollow Shaft Models Only.)
- Die-Cast, Anodized Aluminum Crankcase
- High Quality Tapered Roller Bearings
- Optimal Oil Bath for High Speed Operation
 - Torque Specs Available on Page 28

Pallet Qty: 60-Boxed or Egg-Crated

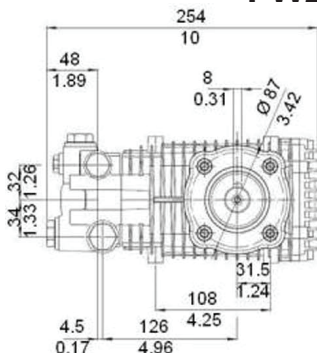
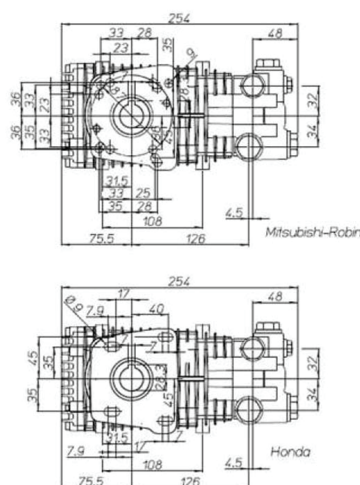
Takes 19 Ounces Pump Oil



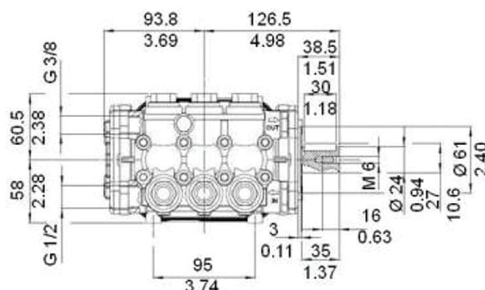
**Gas Flange
FW2-G**



**Electric Flange
FW2-E**



**Solid Shaft
FW2-S**



FW2 SERIES > Pumps-Solid Shaft

1450 RPM - 24mm solid Shaft

- 1/2" FPT Inlet, 3/8" FPT Outlet
- 24mm Solid, Keyed Shaft

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6411.0200.00*	FW2 3530 S	3.4	3000	1450	24mm Solid Shaft	18mm	19.4
6410.0100.00	FW2 4030 S	4.0	3000	1450	24mm Solid Shaft	18mm	19.4
6410.0300.00	FW2 5030 S	5.0	3000	1450	24mm Solid Shaft	20mm	19.4
6410.0500.00	FW2 5530 S	5.6	3000	1450	24mm Solid Shaft	20mm	19.4
6410.0900.00	FW2 3540 S	3.5	4000	1450	24mm Solid Shaft	20mm	19.4
6410.0700.00	FW2 4040 S	4.0	4000	1450	24mm Solid Shaft	20mm	19.4
6410.0800.00	FW2 4540 S	4.4	4000	1450	24mm Solid Shaft	20mm	19.4

*Dual rated pump--6411.0200.00, Model FWS2 4030 S

FWS2 SERIES > Pumps-Solid Shaft

1750 RPM - 24mm Solid Shaft

- 1/2" FPT Inlet, 3/8" FPT Outlet
- 24mm Solid, Keyed Shaft

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6411.0600.00	FWS2 5525 S	5.7	2500	1750	24mm Solid Shaft	20mm	19.6
6411.0100.00	FWS2 3530 S	3.6	3000	1750	24mm Solid Shaft	18mm	19.6
6411.0200.00	FWS2 4030 S	4.2	3000	1750	24mm Solid Shaft	18mm	19.6
6411.0300.00	FWS2 4530 S	4.6	3000	1750	24mm Solid Shaft	18mm	19.6
6411.0700.00	FWS2 5530 S	5.5	3000	1750	24mm Solid Shaft	20mm	19.6
6411.1400.00	FWS2 6030 S	6.0	3000	1750	24mm Solid Shaft	20mm	19.6
6411.1100.00	FWS2 4040 S	4.2	4000	1750	24mm Solid Shaft	18mm	19.6
6411.1200.00	FWS2 5040 S	5.3	4000	1750	24mm Solid Shaft	18mm	19.6

FWS2 SERIES > Pumps-Electric Flange

1750 RPM - 184T Elec. Flange

- 1/2" FPT Inlet, 3/8" FPT Outlet
- 184T Electric Motor Flange with 1-1/8" Hollow Shaft

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6411.0900.00	FWS2 3030 E	2.9	3000	1750	1-1/8" Hollow	18mm	20.3
6411.0101.00	FWS2 3530 E	3.6	3000	1750	1-1/8" Hollow	18mm	20.3
6411.0201.00	FWS2 4030 E	4.2	3000	1750	1-1/8" Hollow	18mm	20.3
6411.0301.00	FWS2 4530 E	4.6	3000	1750	1-1/8" Hollow	18mm	20.3
6411.0400.00	FWS2 5030 E	5.0	3000	1750	1-1/8" Hollow	20mm	20.3
6411.0701.00	FWS2 5530 E	5.5	3000	1750	1-1/8" Hollow	20mm	20.3

FWD2 SERIES > Pumps-Electric Flange

3400 RPM - 184T Elec. Flange

- 1/2" FPT Inlet, 3/8" FPT Outlet
- 184T Electric Motor Flange with 1-1/8" Hollow Shaft

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6412.0100.00	FWD2 4530 E	4.4	3000	3400	1-1/8" Hollow	18mm	20.3

FW2 Series Mounting Rail Kits

5011.0185.00	Standard Rail Kit for FW2 Series Pump
5011.0216.00	Tall Rail Kit for FW2 Series Pump

FW2 Series Repair Kits (Kits also on Pages 27 & 28)

5019.0218.00	Water Seal Kit, 18mm, 3000 PSI	5025.0011.00	Check Valve Kit
5019.0631.00	Water Seal Kit, 18mm, 4000 PSI	5025.0025.00	High Flow Valve Kit, 5+GPM
5019.0039.00	Water Seal Kit, 20mm	2409.0073.00	FW Piston Kit, 18mm
5019.0219.00	Oil Seal Kit, Solid Shaft	2409.0074.00	FW Piston Kit, 20mm
5019.0244.00	Oil Seal Kit, Gas & Electric	5019.0054.00	Hot Water Seals Only, 20mm
5019.0702.00	Hot Water Seal Kit, 18mm	5019.0669.00	Hot Water Complete Kit, 20mm
5019.0703.00	Hot Water Kit, (Seals Only), 18mm		

RW Series

Premium Pumps



> **1450 RPM**
> **1750 RPM**

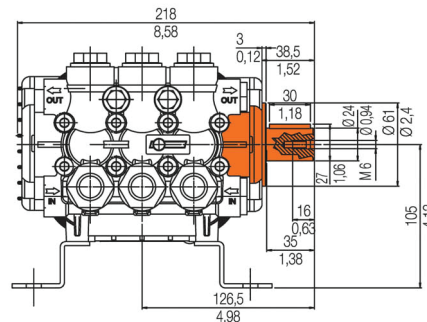
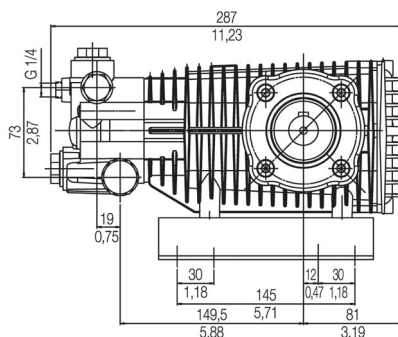
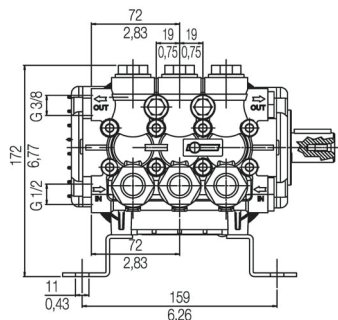
- Heavy Duty up to 4000 PSI
- High Volume up to 6.6 GPM
- Long Life Seals

- 1/2" FPT Inlet – 3/8" FPT Outlet
- Right or Left Hand Mounting Available-Solid Shaft Only
- Crankcase: Die-Cast Aluminum Alloy for Protection Against Corrosion
- Piston Guides are Heat Treated Stainless Steel
- Highly Efficient Stainless Steel Check Valves
- Solid Ceramic Plungers
- Brass Manifold: Forged for Maximum Strength and Longer Life up to 4000 PSI
- Direct Mount to Gas Engines or Electric Motors
- One Piece, Solid Bronze Alloy Connection Rods
- Solid Shaft 24mm for Belt Drive, Gearbox or Flex Couplers
- Oil Cap: New Travel/Working Oil Cap
- High Quality Tapered Roller Bearings
- Large Oil Capacity Dissipates Heat and Improves Lubrication for Longer Life

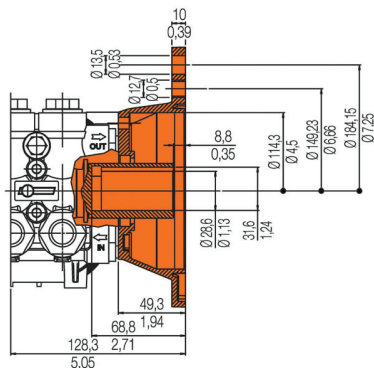
• Torque Specs Available on Page 28

Pallet Qty: 36-Boxed Only

Takes 27 Ounces Pump Oil



**Solid Shaft
RW-S**



**Electric Shaft
RW-E**

RW SERIES > Pumps-Solid Shaft

1450 RPM - 24mm Solid Shaft

• 1/2" FPT Inlet, 3/8" FPT Outlet

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6517.0100.00	RW 4030 S	4.1	3000	1450	24mm Solid Shaft	20mm	27.0
6517.0102.00*	RW 4030 S	4.1	3000	1450	24mm Solid Shaft	20mm	27.0
6517.0600.00	RW 5030 S	5.0	3000	1450	24mm Solid Shaft	20mm	27.0
6517.0800.00	RW 5530 S	5.5	3000	1450	24mm Solid Shaft	20mm	27.0
6517.0803.00*	RW 5530 S	5.5	3000	1450	24mm Solid Shaft	20mm	27.0
6517.0900.00	RW 6030 S	6.2	3000	1450	24mm Solid Shaft	20mm	27.0
6517.0902.00*	RW 6030 S	6.2	3000	1450	24mm Solid Shaft	20mm	27.0
6517.1100.00	RW 4035 S	4.0	3500	1450	24mm Solid Shaft	20mm	27.0
6517.1300.00	RW 5535 S	5.5	3500	1450	24mm Solid Shaft	20mm	27.0
6517.1301.00*	RW 5535 S	5.5	3500	1450	24mm Solid Shaft	20mm	27.0
6517.1001.00	RW 3540 S	3.3	4000	1450	24mm Solid Shaft	18mm	27.0
6517.1400.00	RW 4040 S	4.0	4000	1450	24mm Solid Shaft	18mm	27.0
6517.1101.00	RW 4540 S	4.4	4000	1450	24mm Solid Shaft	18mm	27.0
6517.1201.00	RW 5040 S	4.9	4000	1450	24mm Solid Shaft	18mm	27.0

*Hot Water Pump with Kevlar Seals

RWS SERIES > Pumps-Solid Shaft

1750 RPM - 24mm Solid Shaft

• 1/2" FPT Inlet, 3/8" FPT Outlet

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6518.0800.00	RWS 6020 S	5.9	2000	1750	24mm Solid Shaft	20mm	27.0
6518.0900.00	RWS 6520 S	6.6	2000	1750	24mm Solid Shaft	20mm	27.0
6518.1600.00	RWS 7020 S	7.0	2000	1750	24mm Solid Shaft	20mm	27.0
6518.0100.00	RWS 3030 S	3.0	3000	1750	24mm Solid Shaft	20mm	27.0
6518.0200.00	RWS 3530 S	3.6	3000	1750	24mm Solid Shaft	20mm	27.0
6518.0400.00	RWS 4030 S	4.1	3000	1750	24mm Solid Shaft	20mm	27.0
6518.0500.00	RWS 4530 S	4.4	3000	1750	24mm Solid Shaft	20mm	27.0
6518.0600.00	RWS 5030 S	4.9	3000	1750	24mm Solid Shaft	20mm	27.0
6518.0700.00	RWS 5530 S	5.7	3000	1750	24mm Solid Shaft	20mm	27.0
6518.1000.00	RWS 3035 S	3.0	3500	1750	24mm Solid Shaft	20mm	27.0
6518.1500.00	RWS 5535 S	5.7	3500	1750	24mm Solid Shaft	20mm	27.0
6518.1101.00	RWS 3540 S	3.6	4000	1750	24mm Solid Shaft	18mm	27.0
6518.1201.00	RWS 4040 S	4.0	4000	1750	24mm Solid Shaft	18mm	27.0
6518.1301.00	RWS 4540 S	4.8	4000	1750	24mm Solid Shaft	18mm	27.0
6518.1401.00	RWS 5040 S	5.3	4000	1750	24mm Solid Shaft	18mm	27.0
6518.0801.00	RWS 6040 S	6.0	4000	1750	24mm Solid Shaft	18mm	27.0

RWS SERIES > Pumps-Electric Flange

1750 RPM - 1-1/8" Hollow Shaft

• 1/2" FPT Inlet, 3/8" FPT Outlet
• 184T Electric Flange with 1-1/8" Hollow Shaft

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6518.0201.00	RWS 3530 E	3.6	3000	1750	1-1/8" Hollow	20mm	27.0
6518.0401.00	RWS 4030 E	4.1	3000	1750	1-1/8" Hollow	20mm	27.0
6518.0501.00	RWS 4530 E	4.4	3000	1750	1-1/8" Hollow	20mm	27.0
6518.0601.00	RWS 5030 E	4.9	3000	1750	1-1/8" Hollow	20mm	27.0
6518.0701.00	RWS 5530 E	5.7	3000	1750	1-1/8" Hollow	20mm	27.0

RW Series Mounting Rail Kits

5011.0229.00 Standard Rail Kit for RW Series Pump

5011.0257.00 Tall Rail Kit for RW Series Pump

RW Series Repair Kits (Kits also on Pages 27 & 28)

2409.0146.00	RW Piston Kit, 18mm	5019.0673.00	RW Water Seal Kit, 18mm
2409.0145.00	RW Piston Kit, 20mm	5019.0672.00	RW Water Seal Kit, 20mm
5025.0011.00	Valve Kit up to 4.8 GPM	5019.0675.00	RW Oil Seal Kit, Solid Shaft
5025.0025.00	Valve Kit 4.9+ GPM	5019.0679.00	RW Oil Seal Kit, Hollow Shaft
5019.0676.00	Seal Kit, Hot Water, 20mm	5019.0674.00	Water Seal Kit, Kevlar, 20mm

SW Series

Premium Pumps



> **1450 RPM**
> **1750 RPM**

- Heavy Duty up to 4000 PSI
- High Volume up to 5.5 GPM
- Long Life Seals

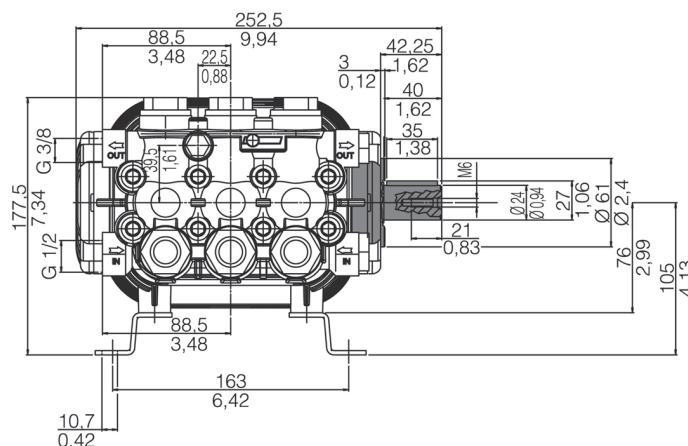
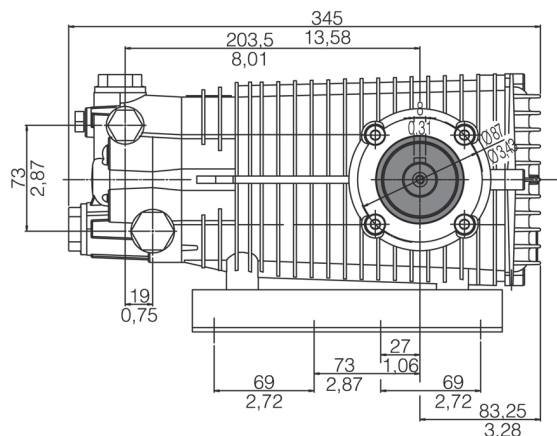
24mm Solid Keyed Shaft

- 1/2" FPT Inlet, 3/8" FPT Outlet
- Right or Left Hand Mounting Available
- Crankcase: Die-Cast Aluminum Alloy for Protection Against Corrosion
- Piston Guides are Heat Treated Stainless Steel
- Highly Efficient Stainless Steel Check Valves
- Solid Ceramic Plungers
- Brass Manifold: Forged for Maximum Strength and Longer Life up to 4000 PSI
- One Piece, Solid Bronze Alloy Connection Rods
- Solid Shaft 24mm for Belt Drive, Gearbox or Flex Couplers
- Oil Cap: New Travel/Working Oil Cap
- High Quality Tapered Roller Bearings
- Large Oil Capacity Dissipates Heat and Improves Lubrication for Longer Life

• Torque Specs Available on Page 28

Pallet Qty: 24-Boxed Only

Takes 37 Ounces Pump Oil



**Solid Shaft
SW-S**

SW SERIES > Pumps-Solid Shaft

- 1/2" FPT Inlet, 3/8" FPT Outlet

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6515.0100.00	SW 4040 S	4.0	4000	1450	24mm	20mm	40.0
6515.0102.00*	SW 4040 S	4.0	4000	1450	24mm	20mm	40.0
6515.0200.00	SW 5540 S	5.5	4000	1450	24mm	20mm	40.0
6515.0204.00*	SW 5540 S	5.5	4000	1450	24mm	20mm	40.0

*Hot Water Pump with Kevlar Seals

SWS SERIES > Pumps-Solid Shaft

- 1/2" FPT Inlet, 3/8" FPT Outlet

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT
6516.0200.00	SWS 5025 S	5.0	2500	1750	24mm	20mm	40.0
6516.0100.00	SWS 4040 S	4.0	4000	1750	24mm	20mm	40.0
6516.0101.00*	SWS 4040 S	4.0	4000	1750	24mm	20mm	40.0

*Hot Water Pump with Kevlar Seals

SW Series Mounting Rail Kits

5011.0214.00

Standard Rail Kit for SW/TW Series Pump

5011.0278.00

Tall Rail Kit for Premium Series Pump

SW Series Repair Kits (Kits also on Pages 27 & 28)

5025.0011.00	Valve Kit
5025.0025.00	High Flow Valve Kit, 5+GPM
2409.0074.00	SW Piston Kit, 20mm
5019.0648.00	Seal Kit, Water, 20mm
5019.0650.00	Oil Seal Kit,
5019.0670.00	SW Hot Water, Seal Kit, 20mm
5019.0665.00	SW Kevlar, Seal Kit, 20mm

TW Series

Premium Pumps



- > **1000 RPM**
- > **1450 RPM**
- > **1750 RPM**

- Heavy Duty up to 7300 PSI
- High Volume up to 13.0 GPM
- Long Life Seals

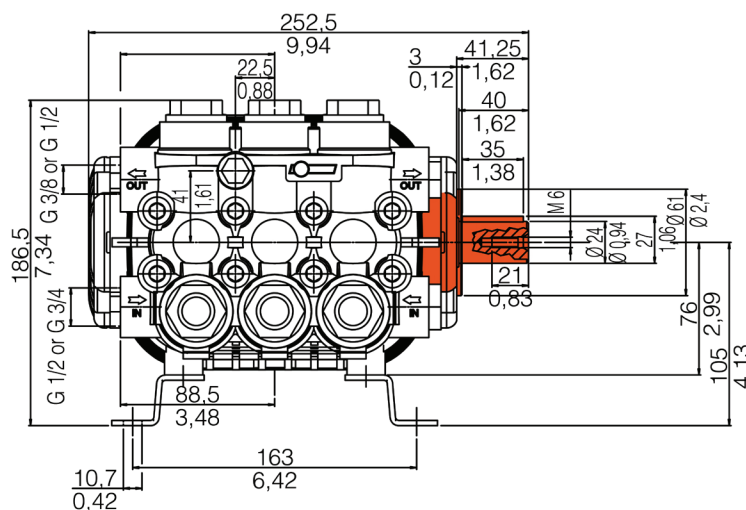
24mm Solid Keyed Shaft

- 1/2" or 3/4" FPT Inlet
- 1/2" or 3/8" FPT Outlet
- Right or Left Hand Mounting Available
- Crankcase: Die-Cast Aluminum Alloy for Protection Against Corrosion
- Piston Guides are Heat Treated Stainless Steel
- Highly Efficient Stainless Steel Check Valves
- Solid Ceramic Plungers
- Brass Manifold: Forged for Maximum Strength and Longer Life up to 5000 PSI
- Solid Bronze Alloy Connection Rods
- Solid Shaft 24mm for Belt Drive, Gearbox or Flex Couplers
- Oil Cap: New Travel/Working Oil Cap
- High Quality Tapered Roller Bearings
- Large Oil Capacity Dissipates Heat and Improves Lubrication for Longer Life

• Torque Specs Available on Page 28

Pallet Qty: 24-Boxed Only

Takes 37 Ounces Pump Oil



**Solid Shaft
TW-S**

TWN SERIES > Pumps-Solid Shaft

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	INLET	OUTLET	WT
6512.0200.00	TWN 7025 S	7.0	2500	1000	25mm	25mm	3/4"	1/2"	45.0
6512.0300.00	TWN 8025 S	8.0	2500	1000	25mm	25mm	3/4"	1/2"	45.0
6512.0100.00	TWN 6036 S	6.0	3600	1000	25mm	22mm	3/4"	1/2"	45.0

TW SERIES > Pumps-Solid Shaft

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	INLET	OUTLET	WT
6513.1000.00	TW 10025 S	10.0	2500	1450	24mm	25mm	3/4"	1/2"	45.0
6513.1200.00	TW 11025 S	11.0	2500	1450	24mm	25mm	3/4"	1/2"	45.0
6513.1201.00*	TW 11025 S	11.0	2500	1450	24mm	25mm	3/4"	1/2"	45.0
6513.1400.00	TW 8030 S	8.7	3000	1450	24mm	22mm	3/4"	1/2"	45.0
6513.1401.00*	TW 8030 S	8.7	3000	1450	24mm	22mm	3/4"	1/2"	45.0
6513.0700.00	TW 7036 S	7.0	3600	1450	24mm	22mm	3/4"	1/2"	45.0
6513.0900.00	TW 8036 S	8.6	3600	1450	24mm	22mm	3/4"	1/2"	45.0
6513.0902.00*	TW 8036 S	8.6	3600	1450	24mm	22mm	3/4"	1/2"	45.0
6513.1700.00	TW 8040 S	8.6	4000	1450	30mm	22mm	3/4"	1/2"	45.0
6513.0400.00	TW 4550 S	4.7	5000	1450	24mm	18mm	1/2"	3/8"	45.0
6513.1300.00	TW 5050 S	5.2	5000	1450	24mm	18mm	1/2"	3/8"	45.0
6513.0300.00	TW 5550 S	5.8	5000	1450	24mm	18mm	1/2"	3/8"	45.0
6513.2000.00	TW 3570 S	3.4	7300	1450	24mm	18mm	1/2"	3/8"	45.0
6513.1801.00	TW 4070 S	3.9	7300	1450	24mm	18mm	1/2"	3/8"	45.0
6513.1800.00	TW 4070 S	4.0	7300	1450	30mm	18mm	1/2"	3/8"	45.0
6513.1900.00	TW 5070 S	5.3	7300	1450	30mm	18mm	1/2"	3/8"	45.0
6513.1500.00	TW 5570 S	5.8	7300	1450	30mm	18mm	1/2"	3/8"	45.0

*Hot Water Pump with Kevlar Seals

TWS SERIES > Pumps-Solid Shaft

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	INLET	OUTLET	WT
6514.0900.00	TWS 13020 S	13.0	2000	1750	24mm	25mm	3/4"	1/2"	45.0
6514.0800.00	TWS 10025 S	10.7	2500	1750	24mm	25mm	3/4"	1/2"	45.0
6514.0700.00	TWS 9030 S	9.3	3000	1750	24mm	22mm	3/4"	1/2"	45.0
6514.1100.00	TWS 10030 S	10.7	3000	1750	24mm	22mm	3/4"	1/2"	45.0
6514.0600.00	TWS 8035 S	8.3	3500	1750	24mm	22mm	3/4"	1/2"	45.0
6514.0601.00*	TWS 8035 S	8.3	3500	1750	24mm	22mm	3/4"	1/2"	45.0
6514.0500.00	TWS 7040 S	7.0	4000	1750	24mm	18mm	1/2"	3/8"	45.0
6514.1000.00	TWS 5050 S	5.3	5000	1750	24mm	18mm	1/2"	3/8"	45.0
6514.0100.00	TWS 5550 S	5.6	5000	1750	24mm	18mm	1/2"	3/8"	45.0
6514.0101.00*	TWS 5550 S	5.6	5000	1750	24mm	18mm	1/2"	3/8"	45.0

*Left Handed

TW Series Mounting Rail Kits

5011.0214.00

Standard Rail Kit for SW/TW Series Pump

5011.0278.00

Tall Rail Kit for Premium Series Pump

TW Series Repair Kits (Kits also on Pages 27 & 28)

5025.0020.00	Valve Kit (Up to 3600 PSI)	5019.0645.00	Seal Kit 18mm, Water
5025.0021.00	Valve Kit (4000+PSI)	5019.0646.00	Seal Kit 22mm, Water
5025.0050.00	Valve Kit (7000)	5019.0647.00	Seal Kit 25mm, Water
2409.0116.00	Piston Kit 18mm	5019.0644.00	Seal Kit, Oil (Up to 3600 PSI)
2409.0114.00	Piston Kit 22mm	5019.0649.00	Seal Kit, Oil (4000+ PSI)
2409.0115.00	Piston Kit 25mm	5019.0229.00	Seal Kit, Oil (7000)
	5019.0228.00	Seal Kit, Water (7000 PSI)	
	5019.0653.00	Hot Water Packing Kit 18mm	
	5019.0654.00	Hot Water Packing Kit 22mm	
	5019.0655.00	Hot Water Packing Kit 25mm	
	5019.0662.00	Seal Kit, Kevlar 22mm	
	5019.0663.00	Seal Kit, Kevlar 25mm	

EVERFLO Diaphragm Pumps

**EF1000****EF2200****EF3000****EF4000****EF5500****EF7000**

- 12v DC
- 140° F
- Polypropylene Pump Housing and Valve Plate
- Viton® Valves-Santoprene® Diaphragm
- Zinc-Plated Steel Fasteners
- Honeywell Micro Switch™
- Inline fuse Protection
- Painted Motor Shell (*EF1000 Polypropylene)
- CE Approved
- QA Port Option (except EF1000)

EF SERIES > Pumps-Diaphragm

PART #	MODEL #	GPM	PSI	AMPS	PORTS	SELF PRIMING	WT (Dry)
7001.0000.00	EF 1000	1.0	40	4.0	3/8" Hose Barb	TO 4 FT	1.3
7001.0001.00	EF 2200	2.2	70	8.0	3/8" FPT	TO 8 FT	4.8
7001.0002.00	EF 3000	3.0	60	10.0	1/2" FPT	TO 8 FT	5.6
7001.0003.00	EF 4000	4.0	60	13.0	1/2" FPT	TO 8 FT	5.6
7001.0004.00	EF 5500	5.5	60	17.0	1/2" FPT	TO 8 FT	5.6
7001.0005.00	EF 7000	7.0	60	23.0	1/2" FPT	TO 12 FT	9.5

EF Series Repair Kits

PART #	Descriptions
7001.0001.01	Repair Kit for EF 2200
7001.0002.01	Repair Kit for EF 3000
7001.0003.01	Repair Kit for EF 4000
7001.0004.01	Repair Kit for EF 5500
7001.0005.01	Repair Kit for EF 7000

Pump Accessories

ANTI-FREEZE-Pump Saver

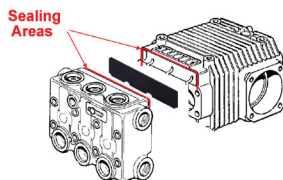


- Protects Pump from Freezing in Winter
- Attaches to any Pump Inlet to Fill Pump Chamber

Part #	Description
8102.5000.00	Pump Saver, 16 oz.

GASKET-Manifold

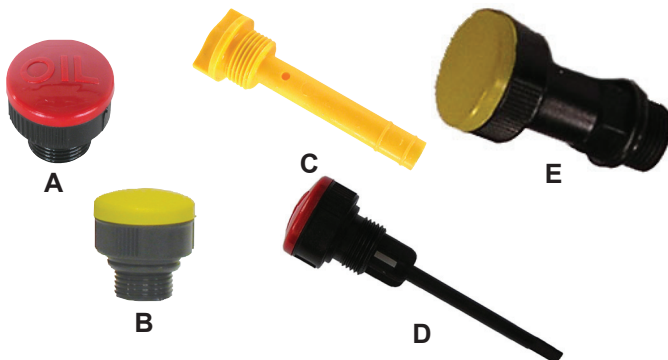
	Seal Code 1201 0168 → LW - ZW
	Seal Code 1201 0167 → FW - HW



- Extra Protection Against a dirty Environment

Part #	Description
1201.0168.00	Seal for LW & ZW
1201.0167.00	Seal for FW & HW

PUMPS-Oil Caps & Dipsticks



Part #	Description	
3200.0071.00	Oil Cap, AX	A
3200.0086.00	Oil Cap, BX	B
3200.0051.00	Dipstick, LW,ZW,FW,HW,RW	C
3200.0075.00	Dipstick, SW & TW	D
3200.0138.00	Oil Cap, Vented, Long, BXD	E

OIL-Comet Pumps



- Specially Formulated for use in all High-Pressure Industrial Piston Pumps
- Universal Tractor Transmission Oil (UTTO)
- 30 Wt. Non-Detergent & Non-Foaming

Part #	Description
8102.1801.00	Pump Oil, 32 oz. Bottle
8102.1802.00	Pump Oil, Case of 12 Bottles

Comet Industrial Pump Oil is a special formulated non-detergent, non-foaming oil, which is AW100 rated for superior oxidation protection. Comet recommends changing pump oil after the initial 50 hours of operation and every 300 hours thereafter.

OIL-HPP Pumps

Part #	Description
8102.1811.00	Pump Oil, 2.5 Gal. Bottle
8102.1812.00	Pump Oil, Case of 2 Bottles

PUMPS-Rail Kits



Part #	Description	Height
5011.0184.00	Rail Kit for LW	1-3/8"
5011.0216.00	Tall Rail Kit for LW	2-1/2"
5011.0185.00	Rail Kit for FW & HW	1"
5011.0229.00	Rail Kit for RW	1-3/8"
5011.0214.00	Rail Kit for SW & TW	1-3/8"
5011.0257.00	Tall Rail Kit for RW	2-1/2"
5011.0278.00	Tall Rail Kit for SW & TW	2-1/2"

Repair Kits



All Comet Pump repair kits contain the quantity of components necessary to rebuild the entire pump.

Seal / Packing Replacement



AXD

LW

ZWD

FW-HW

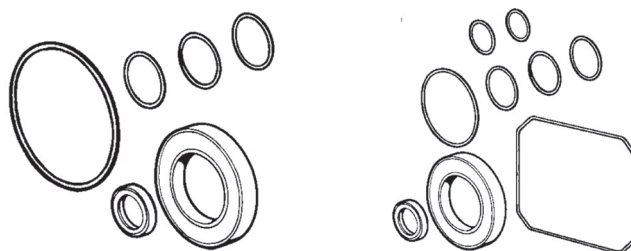
Part #	Description
5026.0265.00	VRX, Piston Seal Kit, 1700 PSI
5026.0256.00	VRX, Piston Seal Kit, 2200+ PSI
5019.0667.00	BXD/GXD Gas, Seal Kit, Water
5019.0671.00	BXD Elect., Seal Kit, Water
5019.0077.00	AXD/AXS Seal Kit 2,500 PSI
5019.0086.00	AXD Seal Kit 3,000 PSI
5019.0684.00	BWD, Seal Kit, 2000 PSI
5019.0686.00	BWD, AWD, GWD Seal Kit
5019.0035.00	LW Seal Kit, 15mm
5019.0037.00	LW Seal Kit, 18mm
5019.0064.00	ZWD Seal Kit, 15mm
5019.0038.00	FW Seal Kit, 18mm
5019.0218.00	FW2 Seal Kit, 18mm
5019.0039.00	FW Seal Kit, 20mm
5019.0631.00	HW Seal Kit, 18mm
5019.0673.00	RW Seal Kit 18mm, Water
5019.0672.00	RW Seal Kit 20mm, Water
5019.0648.00	SW Seal Kit 20mm, Water
5019.0645.00	TW Seal Kit 18mm, Water
5019.0228.00	TW Seal Kit 18mm (7000 PSI)
5019.0646.00	TW Seal Kit 22mm, Water
5019.0647.00	TW Seal Kit 25mm, Water

*Brass Not Included

Unloader Repair

Part #	Description
5026.0258.00	VRX Regulator Valve Kit
5026.0143.00	AX/GXD Unloader Rebuild Kit
5026.0144.00	AX/GXD Maintenance Kit
5026.0142.00	AX/GXD Unloader Kit M22X1.5
1215.0584.00	BXD Elect., Cartridge 1885 PSI
1215.0585.00	AXD Cartridge 2610 PSI
1215.0586.00	BXD-G,BW/AW/GW,ZW Crtdg. 4000 PSI
5026.0123.00	LW Unloader Maintenance Kit
5026.0130.00	LW Unloader Rebuild Kit

Oil Seal Replacement



Part #	Description
5019.0659.00	GXD Seal Kit
5019.0079.00	AX/AXS Oil Seal Kit
5019.0250.00	BXD Oil Seal Kit
5019.0685.00	BW Oil Seal Kit
5019.0687.00	AW/GW Oil Seal Kit
5019.0040.00	LW/ZW Oil Seal Kit Solid Shaft
5019.0044.00	FW, HW, HWS Kit Solid Shaft
5019.0219.00	FW2 Oil Seal Kit
5019.0041.00	LW Oil Seal Kit Hollow Shaft
5019.0065.00	ZWD Oil Seal Kit Hollow Shaft
5019.0045.00	FW/HWD Oil Seal Kit Hollow Shaft
5019.0650.00	SW Seal Kit
5019.0644.00	TW Seal Kit, Oil (Up to 3600 PSI)
5019.0649.00	TW Seal Kit, Oil (4000+ PSI)
5019.0229.00	TW Seal Kit, Oil (7000 PSI)
5019.0675.00	RW Oil Seal Kit, Solid Shaft
5019.0679.00	RW Oil Seal Kit, Hollow Shaft

Piston



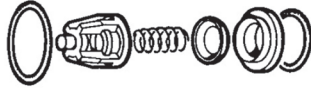
AXD

LW, ZW, FW, HW

Part #	Description
5026.0260.00	VRX, Piston Seal Kit, All VRX's
2409.0126.00	GXD Piston Kit
2409.0092.00	AXD/AXS Piston Kit
2409.0103.00	AXD Piston Kit 3,000 PSI
2409.0260.00	GWD Piston Kit
2409.0071.00	LW/ZWD Piston Kit, 15mm
2409.0072.00	LW Piston Kit, 18mm
2409.0073.00	FW/HW Piston Kit, 18mm
2409.0074.00	FW/SW Piston Kit, 20mm
2409.0146.00	RW Piston Kit, 18mm
2409.0145.00	RW Piston Kit, 20mm
2409.0116.00	TW Piston Kit 18mm
2409.0114.00	TW Piston Kit 22mm
2409.0115.00	TW Piston Kit 25mm

Repair Kits continued...

Check Valve



Part #	Description
5026.0257.00	VRX Check Valve Kit, 2200 PSI
5026.0263.00	VRX Check Valve Kit, 1700 PSI
5026.0270.00	VRX Check Valve Kit, 2400+ PSI
5025.0014.00	AXD/AXS & GXD Check Valve Kit
5025.0027.00	Check Valve Kit, BXD
5025.0030.00	Valve Kit, BWD, AWD & GWD
5025.0011.00	LW, ZW, FW2, HW, RW & SW
5025.0025.00	FW2, HWS, RW High Flow, 5+ GPM
5025.0020.00	TW Valve Kit Up to 3600 PSI
5025.0021.00	TW Valve Kit (4000+ PSI)
5025.0050.00	TW Valve Kit (7000 PSI)

Hot Water

- Hot water seal protection
- Contains Hot Water Seals only
- Viton Seals are Chemically Resistant

Part #	Description
5019.0048.00	LW, ZW, Hot Water, 15mm
5019.0711.00	ZW Kevlar Seal Kit, 15mm
5019.0049.00	LW,HW-Requires 2,Hot Water,18mm
5019.0050.00	LW, Viton Seal Kit, 18mm
5019.0051.00	LW, ZW, Viton Seal Kit, 15mm
5019.0053.00	FW, Hot Water Seal Kit, 18mm
5019.0702.00	FW2, Hot Water Seal Kit, 18mm
5019.0703.00	FW/FW2, Kit (Seals Only), 18mm
5019.0054.00	FW,FW2, HW Seals Only, 20mm
5019.0669.00	FW,FW2, Complete Kit, 20mm
5019.0676.00	RW Hot Water Seal Kit, 20mm
5019.0710.00	RW Kevlar Seal Kit, 18mm
5019.0674.00	RW Kevlar Seal Kit, 20mm
5019.0665.00	SW Kevlar Seal Kit, 20mm
5019.0670.00	SW Hot Water Seal Kit, 20mm
5019.0653.00	TW Packing Kit, 18mm
5019.0654.00	TW Packing Kit, 22mm
5019.0655.00	TW Packing Kit, 25mm
5019.0662.00	TW Seal Kevlar Kit, 22mm
5019.0663.00	TW Seal Kevlar Kit 25mm

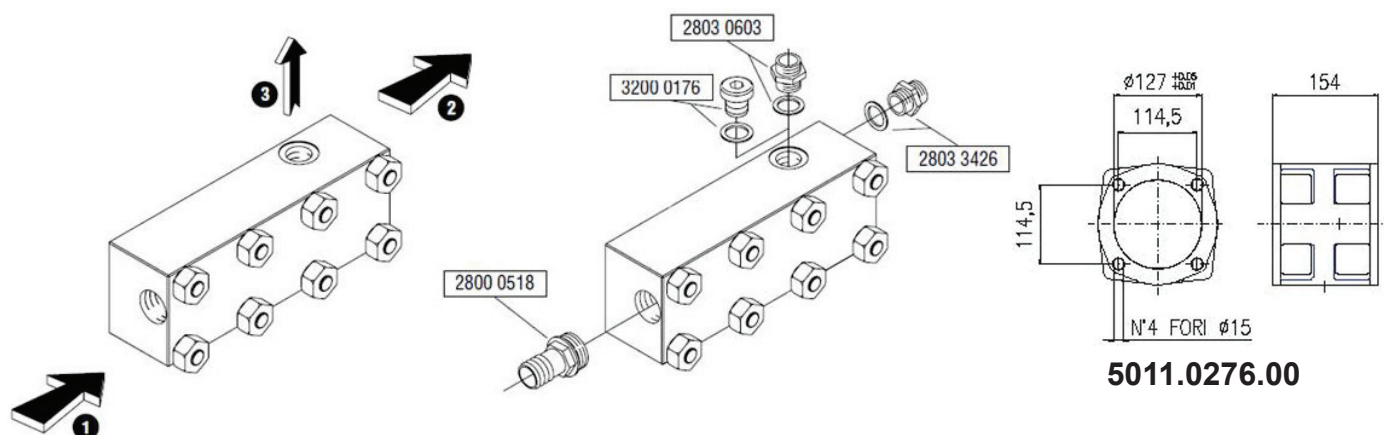
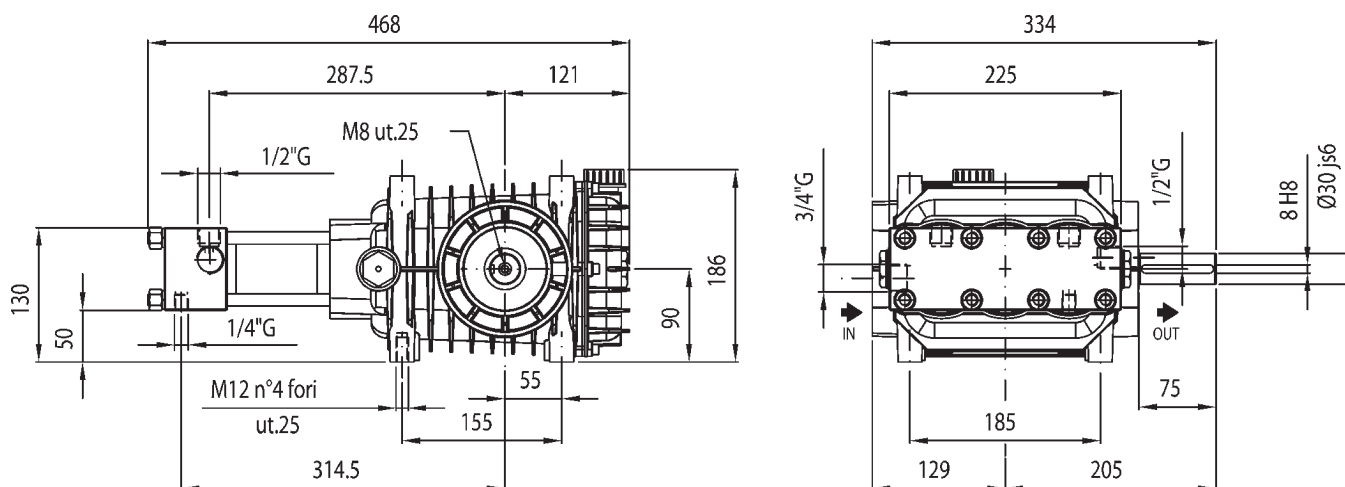
TORQUE SETTINGS Nm (Ft. Lb.)

DESCRIPTION	BX	AX	BW	LW ZW	AW	FW	HW	FW2	RW	SW	TW	
Manifold Screw	25 (18,4)	25 (18,4)	10 (7,4)	10 (7,4)	<230 Bar 10 (7,4)	25 (18,4)	25 (18,4)	25 (18,4)	25 (18,4)	45 (33,2)	45 (33,2)	
					>230 Bar 80 (59,0)							
Cap Valve (Aluminum Manifold)		35 (25,8)		40 (9,5)								Loctite 243
Cap Valve (Brass Manifold)	45 (33,2)	45 (33,2)	45 (33,2)	<230 Bar 50 (36,9)	45 (33,2)	50 (36,9)	80 (59,0)	<230 Bar 50 (36,9)	<230 Bar 50 (36,9)	80 (59,0)		Loctite 243
				>230 Bar 60 (44,3)				>230 Bar 80 (59,0)	>230 Bar 80 (59,0)		<360 Bar 80 (59,0)	Loctite 243
											>360 Bar 80 (59,0)	Loctite 270
Bearings Flange Screw Opposite Shaft Side			4 (3,0)	4 (3,0)	4 (3,0)	9 (6,6)	9 (6,6)	9 (6,6)	9 (6,6)	25 (18,4)	25 (18,4)	
Conn. Rod Screw											25 (18,4)	Loctite 243
Crankcase Cover Screw			9 (6,6)	9 (6,6)	9 (6,6)	4 (3,0)	4 (3,0)	4 (3,0)	4 (3,0)	9 (6,6)	9 (6,6)	
Bearing flange Screw Shaft Side			9 (6,6)	9 (6,6)	9 (6,6)	25 (18,4)	25 (18,4)	25 (18,4)	25 (18,4)	25 (18,4)	25 (18,4)	
Piston Nut			6 (4,4)	6 (4,4)	6 (4,4)	10 (7,4)	10 (7,4)	10 (7,4)	10 (7,4)	15 (11,1)	15 (11,1)	Loctite 243
Eccentric Shaft Screw		25 (18,4)										Loctite 243
Crankcase Flange Screw	25 (18,4)	25 (18,4)										

CH Series

HPP Industrial Pumps

- Anodized Aluminum Crankcase
- Stainless Steel Manifold
- Hardened Crankshaft
- Aluminum Connecting Rods
- Ceramic Plungers
- Stainless Steel Valves
- V-Packing Seal Design-Buna N
- Stainless Steel Piston Guides
- Long Life Bearings
- 3/4" Inlet; 1/2" Outlet
- Oil Capacity 84 oz.
- Weight 64 lbs.



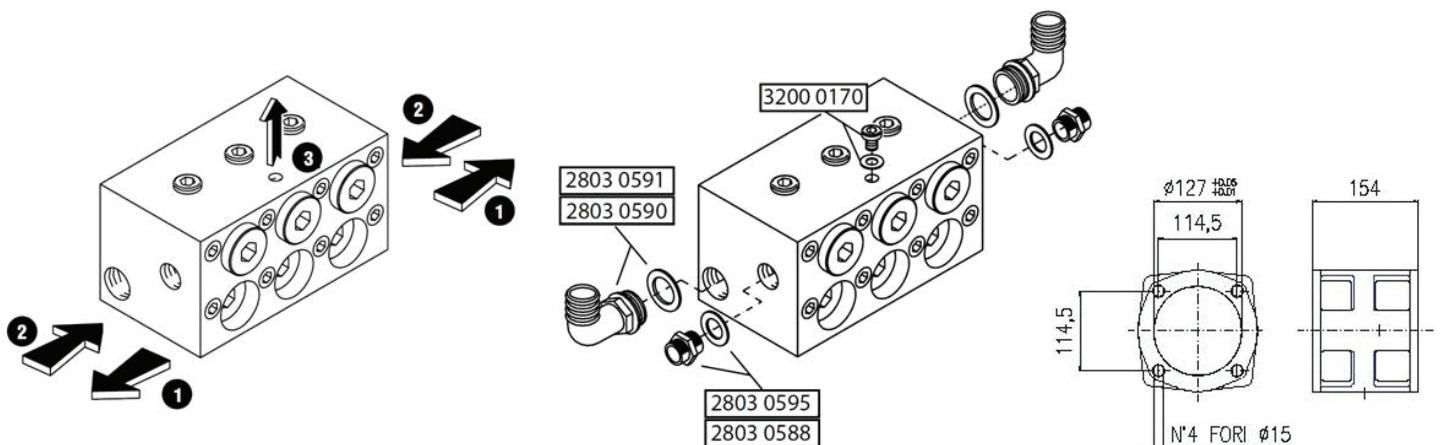
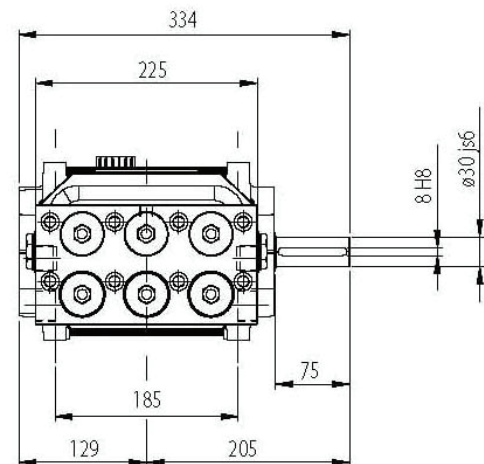
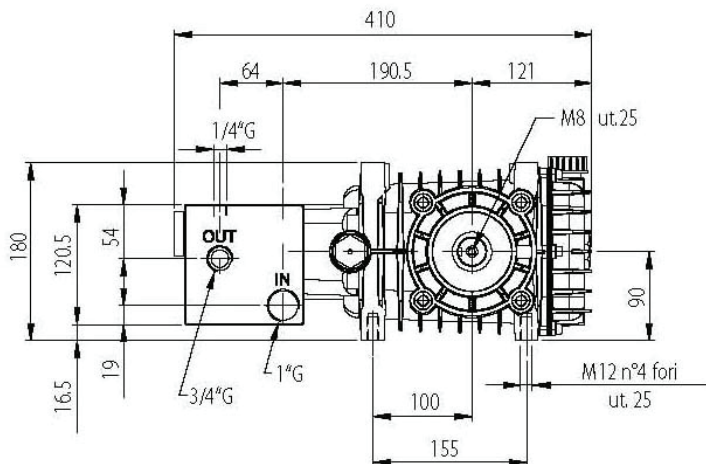
See Page 44 for Connection Kit Pricing

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	HP
6916.0003.00	CH 31/300	8.2	4350	1450	30	20	25
6916.0005.00	CH 22/400	5.8	5800	1000	30	20	24
6916.0004.00	CH 18/500	4.7	7250	1000	30	18	24
6916.0002.00	CH 25/500	6.6	7250	1450	30	18	33

CL Series

HPP Industrial Pumps

- Anodized Aluminum Crankcase
- Stainless Steel Manifold
- Hardened Crankshaft
- Aluminum Connecting Rods
- Ceramic Plungers
- Polyimide Valves
- V-Packing Seal Design-Buna N
- Stainless Steel Piston Guides
- Long Life Bearings
- 1" Inlet; 3/4" Outlet
- Oil Capacity 84 oz.
- Weight 75 lbs.



See Page 44 for Connection Kit Pricing

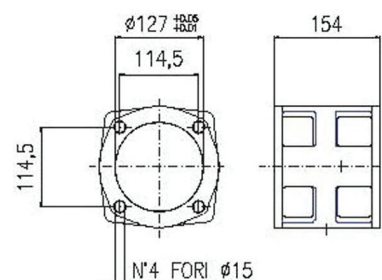
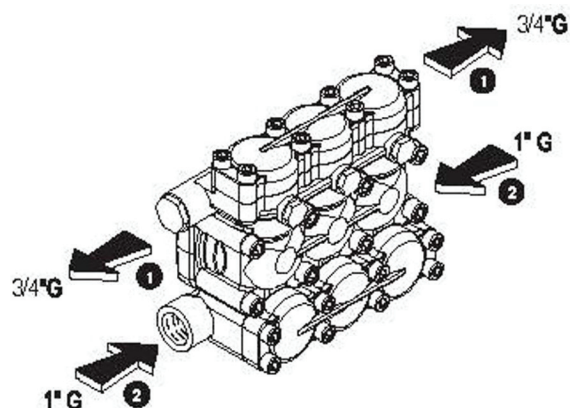
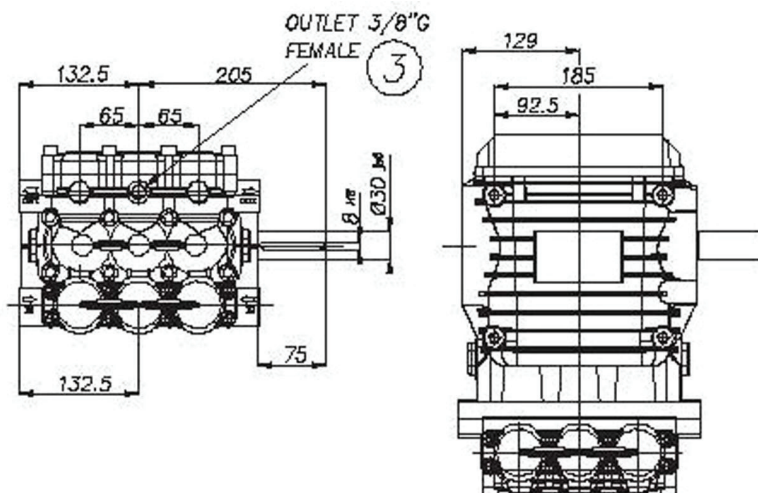
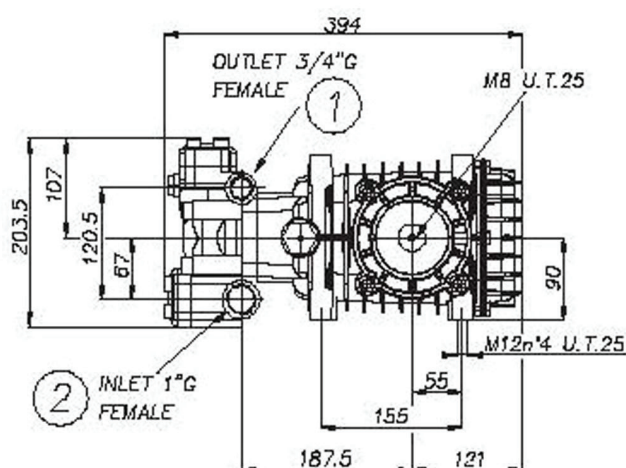
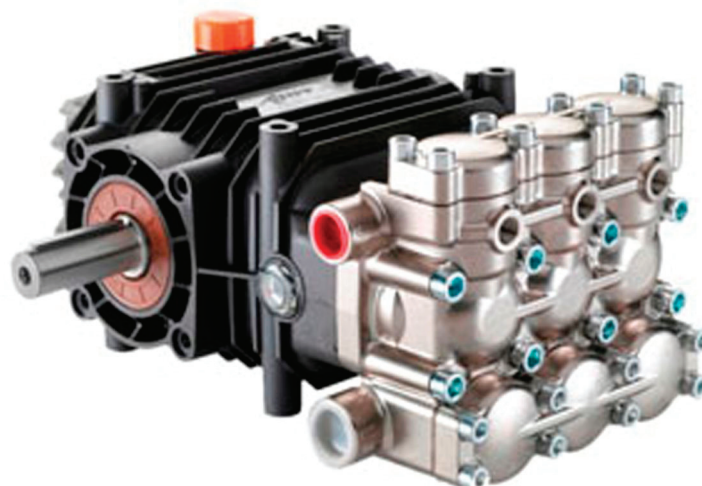
5011.0276.00

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	HP
6915.0009.00	CL 70/130	18.5	1885	1450	30	30	24
6915.0008.00	CL 66/140	17.4	2030	1000	30	35	25
6915.0007.00	CL 49/200	12.9	2900	1000	30	30	26

CLW Series

HPP Industrial Pumps

- Anodized Aluminum Crankcase
- Nickel Plated Brass Manifold
- Hardened Crankshaft
- Aluminum Connecting Rods
- Ceramic Plungers
- Polymide Valves
- V-Packing Seal Design-Buna N
- Stainless Steel Piston Guides
- Long Life Bearings
- 1" Inlet; 3/4" Outlet
- Oil Capacity 84 oz.
- Weight 73 lbs.



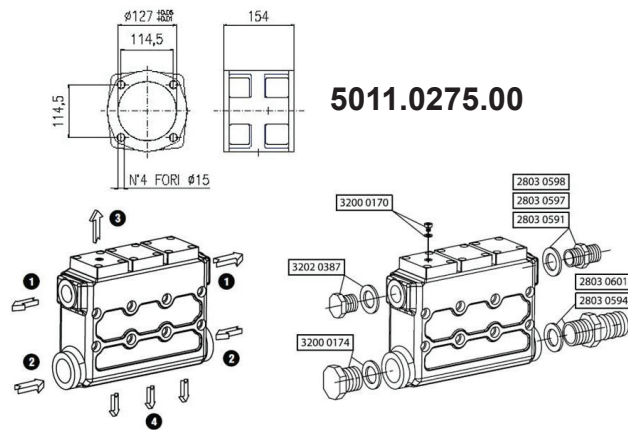
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PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	HP
6915.0012.00	CLW 80/100	21.1	1450	1150	30	35	21
6915.0011.00	CLW 100/100	26.5	1450	1450	30	35	26
6915.0015.00	CLW 70/130	18.5	1885	1450	30	30	24
6915.0014.00	CLW 66/140	17.4	2030	1000	30	35	25
6915.0013.00	CLW 49/200	12.9	2900	1000	30	30	26

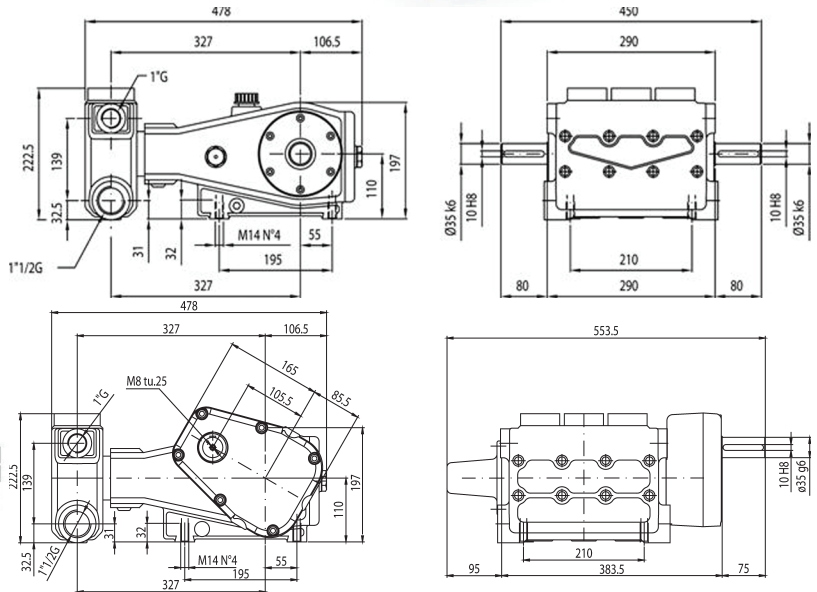
EL/R Series

HPP Industrial Pumps

- Cast Iron Crankcase
- Chemically Resistant Coated Cast Iron Manifold
- Hardened Crankshaft
- Cast Iron Connecting Rods
- Ceramic Plungers
- Stainless Steel Valves
- V-Packing Seal Design-Buna N
- Stainless Steel Piston Guides
- Long Life Bearings
- 1-1/2" Inlet; 1" Outlet
- Oil Capacity 135 oz.; 152 w/Gearbox
- Weight 194 lbs.; 231 w/Gearbox



5011.0275.00



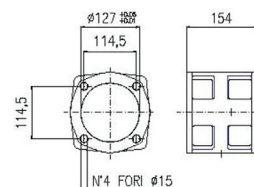
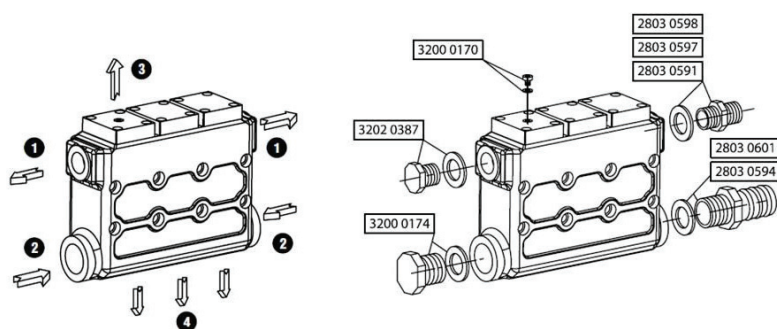
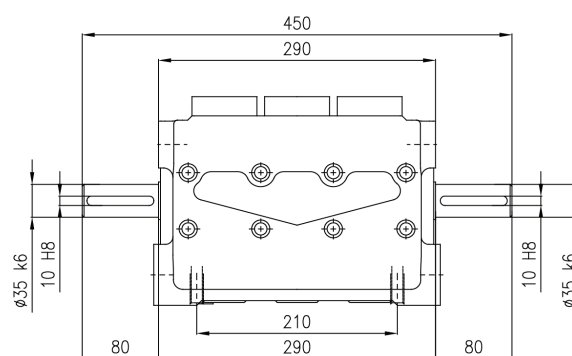
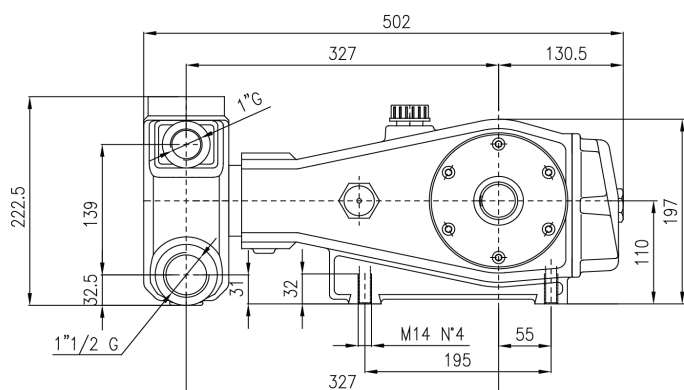
See Page 44 for Connection Kit Pricing

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	HP
6905.0005.00	EL 164/90	43.3	1305	700	35	50	40
6905.0004.00	EL 152/100	40.1	1450	800	35	45	40
6905.0003.00	EL 128/120	33.8	1740	850	35	40	40
6905.0002.00	EL 122/130	32.2	1885	1000	35	36	43
6905.0001.00	EL 102/160	27.0	2320	1000	35	33	43
6905.0006.00	EL 84/190	22.2	2755	1000	35	30	43
PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	HP
6908.0005.00	ELR 164/90	43.3	1305	1050	35	50	40
6908.0004.00	ELR 152/100	40.1	1450	1200	35	45	40
6908.0003.00	ELR 128/120	33.8	1740	1275	35	40	40
6908.0002.00	ELR 122/130	32.2	1885	1500	35	36	43
6908.0001.00	ELR 102/160	27.0	2320	1500	35	33	43
6908.0006.00	ELR 84/190	22.2	2755	1500	35	30	43
5005.0254.00	Gearbox, 1500 RPM						
PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	HP
6908.0011.00	ELR 164/90	43.3	1305	1330	35	50	40
6908.0010.00	ELR 152/100	40.1	1450	1520	35	45	40
6908.0009.00	ELR 128/120	33.8	1740	1615	35	40	40
6908.0008.00	ELR 122/130	32.2	1885	1900	35	36	43
6908.0007.00	ELR 102/160	27.0	2320	1900	35	33	43
6908.0012.00	ELR 84/190	22.2	2755	1900	35	30	43
5005.0255.00	Gearbox, 1900 RPM						

ELS Series

HPP Industrial Pumps

- Cast Iron Crankcase
- Cast Iron Manifold
- Hardened Crankshaft
- Cast Iron Connecting Rods
- Ceramic Plungers
- Stainless Steel Valves
- V-Packing Seal Design-Buna N
- Stainless Steel Piston Guides
- Long Life Bearings
- 1-1/2" Inlet; 1" Outlet
- Oil Capacity 152 oz.
- Weight 194 lbs.



5011.0275.00

See Page 44 for Connection Kit Pricing

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	HP
6905.0039.00	ELS 162/110	42.8	1595	850	35	45	48
6905.0038.00	ELS 150/130	39.6	1885	1000	35	40	52
6905.0037.00	ELS 135/140	35.6	2031	900	35	40	51
6905.0036.00	ELS 122/160	32.2	2321	1000	35	36	52
6905.0035.00	ELS 102/200	27.0	2901	1000	35	33	55
6905.0034.00	ELS 84/210	22.2	3046	1000	35	30	48

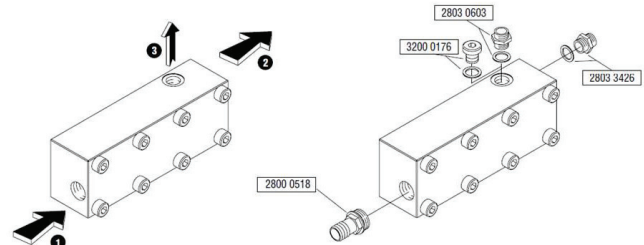
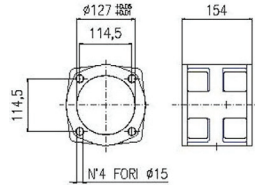
ELH/R Series

HPP Industrial Pumps

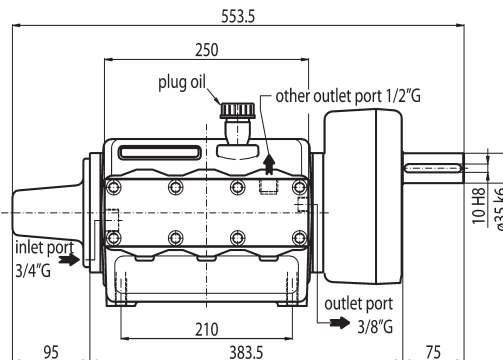
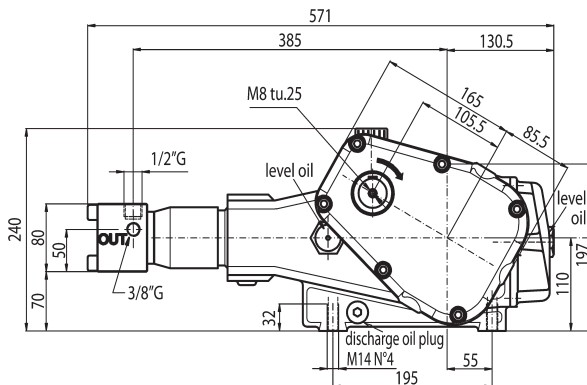
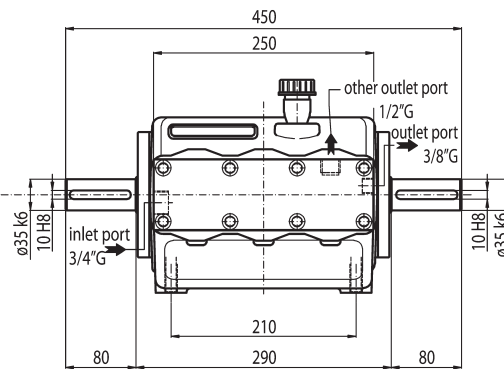
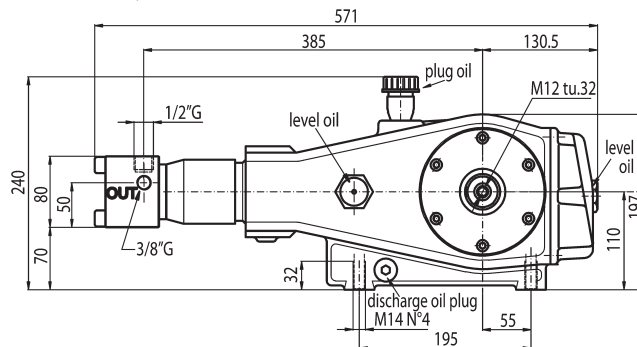
- Cast Iron Crankcase
- Stainless Steel Manifold
- Hardened Crankshaft
- Cast Iron Connecting Rods
- Ceramic Plungers
- Stainless Steel Valves
- V-Packing Seal Design-Buna N
- Stainless Steel Piston Guides
- Long Life Bearings
- 3/4" Inlet; 3/8" Outlet 38/500
- 1" Inlet; 59/310 & 70/280
- 3/8" Outlet
- Oil Capacity 142 oz.; 152 w/Gearbox
- Weight 150 lbs.; 187 w/Gearbox



5011.0275.00



See Page 44 for Connection Kit Pricing

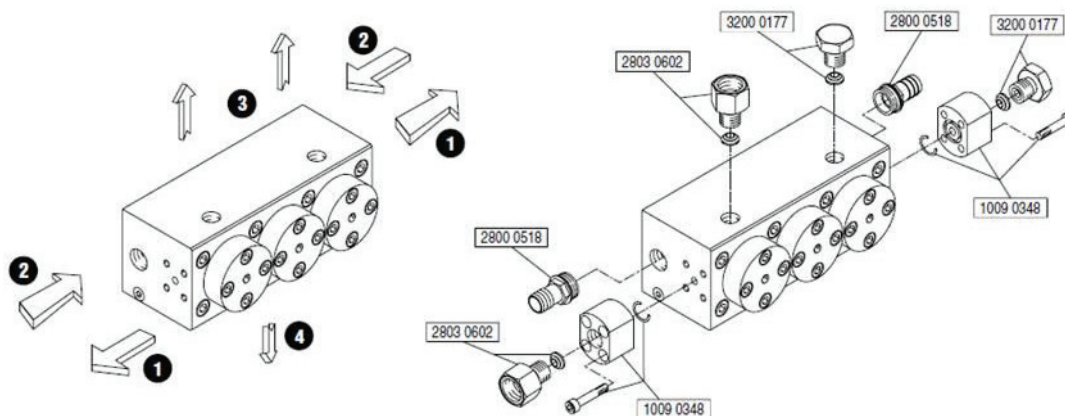
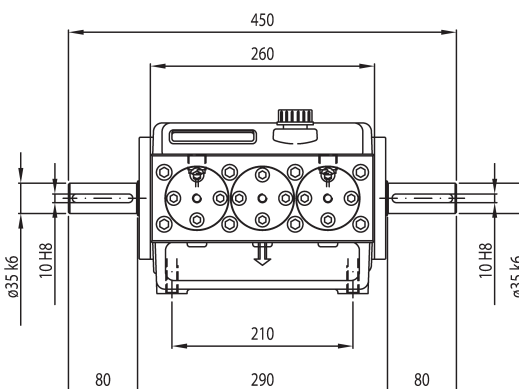
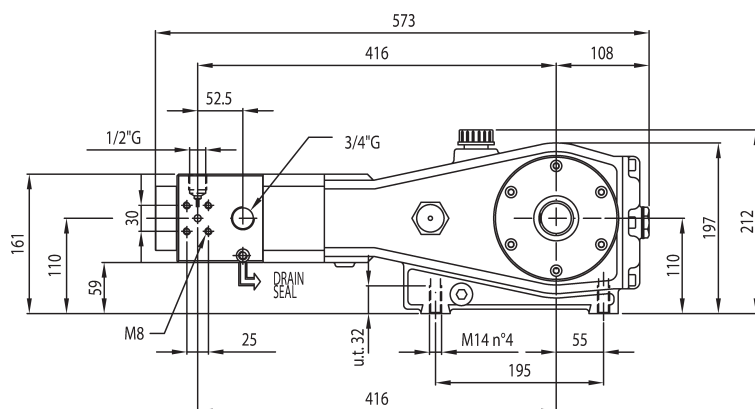
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***Includes Pulse Port**

EV Series

HPP Industrial Pumps

- Cast Iron Crankcase
- Stainless Steel Manifold
- Hardened Crankshaft
- Cast Iron Connecting Rods
- Ceramic Plungers
- Stainless Steel Valves
- V-Packing Seal Design-Buna N
- Stainless Steel Piston Guides
- Long Life Bearings
- 3/4" Inlet; 1/2" Outlet
- Oil Capacity 142 oz.
- Weight 198 lbs.



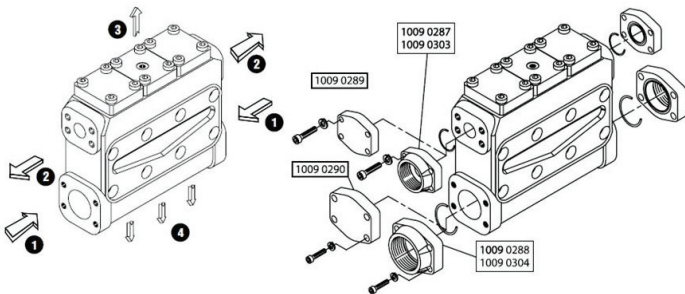
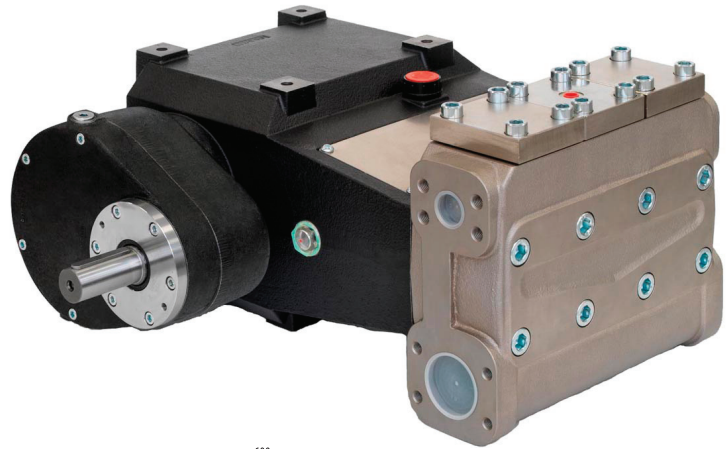
See Page 44 for Connection Kit Pricing

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	HP
6912.0002.00	EV 19/800	4.9	11,600	900	35	15	40
6912.0001.00	EV 15/1000	3.9	14,500	730	35	15	40

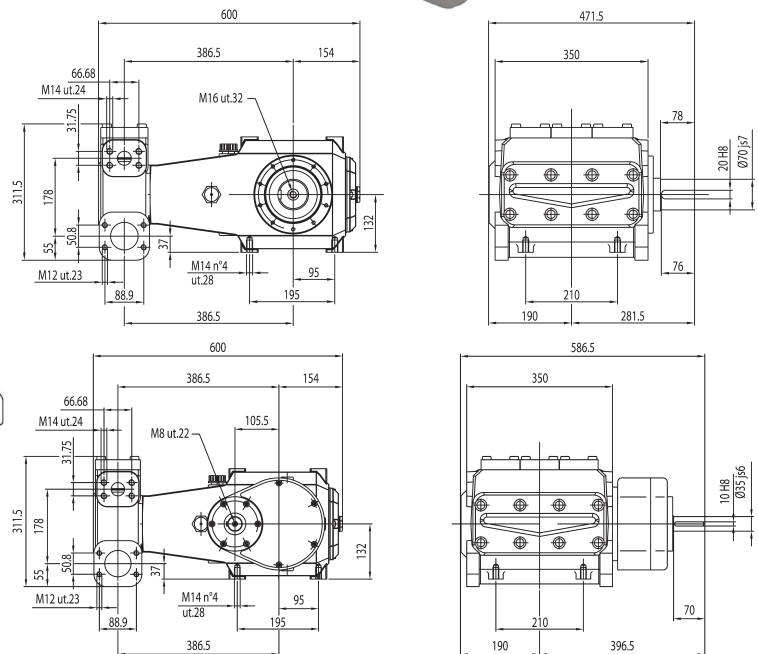
GL/R Series

HPP Industrial Pumps

- Cast Iron Crankcase
- Chemically Resistant Coated Cast Iron Manifold
- Hardened Crankshaft
- Cast Iron Connecting Rods
- Ceramic Plungers
- Stainless Steel Valves
- V-Packing Seal Design-Buna N
- Stainless Steel Piston Guides
- Long Life Bearings
- 2-1/2" Inlet; 1-1/4" Outlet
- 70mm Shaft
- Oil Capacity 338 oz.; 372 w/Gearbox
- Weight 330 lbs., 385 w/Gearbox



See Page 44 for Connection Kit Pricing



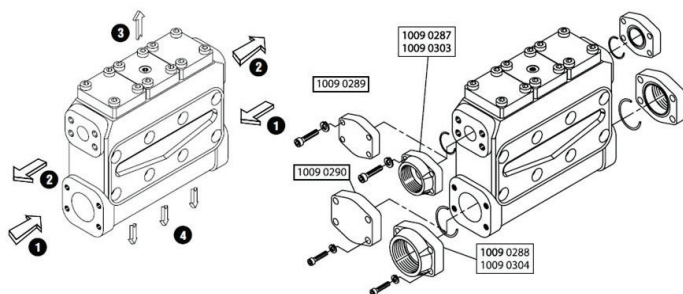
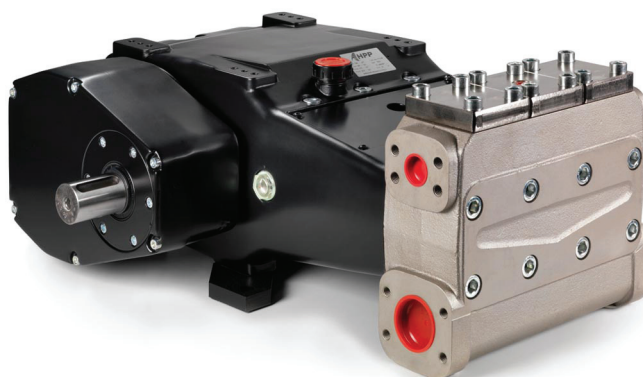
PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	HP
6911.0006.00	GL 256/125	67.6	1813	750	70	55	85
6911.0005.00	GL 212/150	56.1	2175	750	70	50	85
6911.0004.00	GL 171/185	45.2	2683	750	70	45	85
6911.0003.00	GL 135/235	35.7	3408	750	70	40	85
6911.0002.00	GL 109/290	28.8	4205	750	70	36	84

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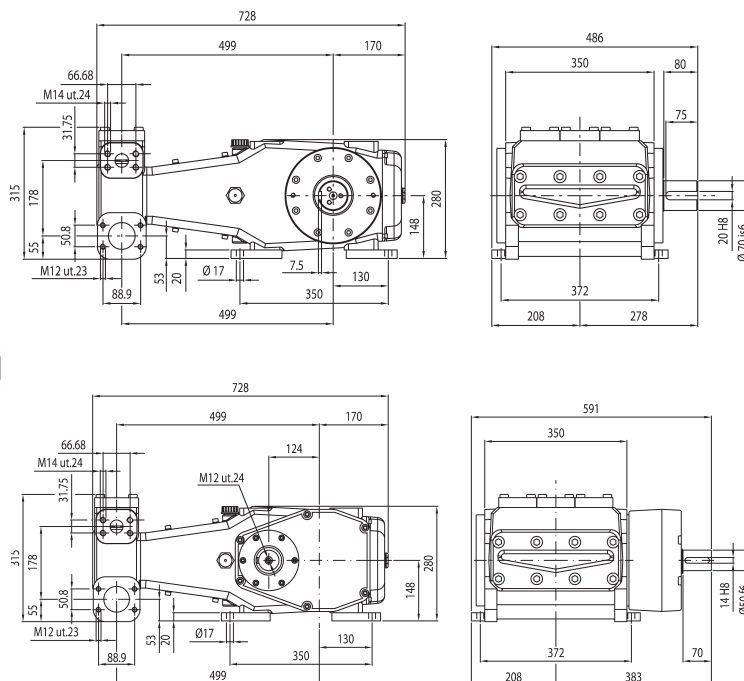
SL/R Series

HPP Industrial Pumps

- Cast Iron Crankcase
- Chemically Resistant Coated Cast Iron Manifold
- Hardened Crankshaft
- Cast Iron Connecting Rods
- Ceramic Plungers
- Stainless Steel Valves
- V-Packing Seal Design-Buna N
- Stainless Steel Piston Guides
- Long Life Bearings
- 2-1/2" Inlet; 1-1/4" Outlet
- Oil Capacity 304 oz.; 338 w/Gearbox
- Weight 517 lbs., 594 w/Gearbox



See Page 44 for Connection Kit Pricing

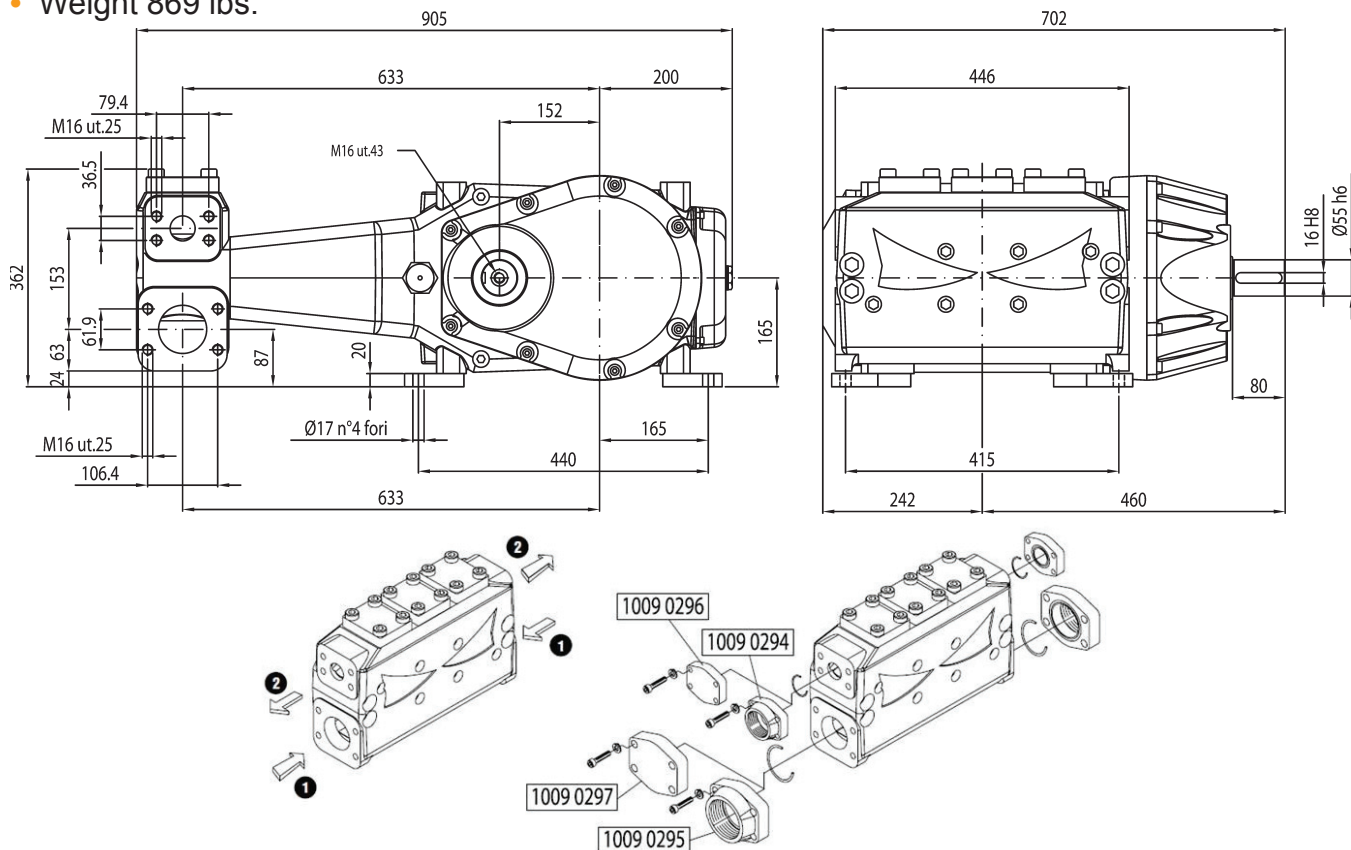
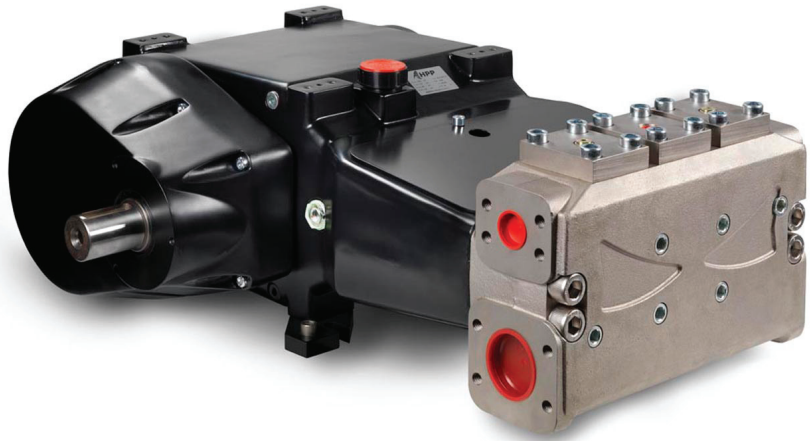


PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	HP	
6909.0005.00	SL 316/130	83.4	1885	750	70	55	110	
6909.0004.00	SL 263/160	70.0	2320	750	70	50	110	
6909.0003.00	SL 212/200	56.0	2900	750	70	45	110	
6909.0002.00	SL 167/250	44.1	3625	750	70	40	110	
6909.0001.00	SL 135/300	35.6	4350	750	70	36	110	
PART #	MODEL #	GPM	PSI	R=1.97	RPM	SHAFT	PISTON	HP
6909.0010.00	SLR 316/130	83.4	1885	1500	750	50	55	110
6909.0009.00	SLR 263/160	70.0	2320	1500	750	50	50	110
6909.0008.00	SLR 212/200	56.0	2900	1500	750	50	45	110
6909.0007.00	SLR 167/250	44.1	3625	1500	750	50	40	110
6909.0006.00	SLR 135/300	35.6	4350	1500	750	50	36	110
5005.0249.00	Gear Box, 1500 RPM							
PART #	MODEL #	GPM	PSI	R=2.43	RPM	SHAFT	PISTON	HP
6909.0015.00	SLR 316/130	83.4	1885	1800	750	50	55	110
6909.0014.00	SLR 263/160	70.0	2320	1800	750	50	50	110
6909.0013.00	SLR 212/200	56.0	2900	1800	750	50	45	110
6909.0012.00	SLR 167/250	44.1	3625	1800	750	50	40	110
6909.0011.00	SLR 135/300	35.6	4350	1800	750	50	36	110
5005.0250.00	Gear Box, 1800 RPM							

MLR Series

HPP Industrial Pumps

- Cast Iron Crankcase
- Chemically Resistant Coated Cast Iron Manifold
- Hardened Crankshaft
- Cast Iron Connecting Rods
- Ceramic Plungers
- Stainless Steel Valves
- V-Packing Seal Design-Buna N
- Stainless Steel Piston Guides
- Long Life Bearings
- 3" Inlet; 1-1/2" Outlet
- Oil Capacity 541 oz.
- Weight 869 lbs.



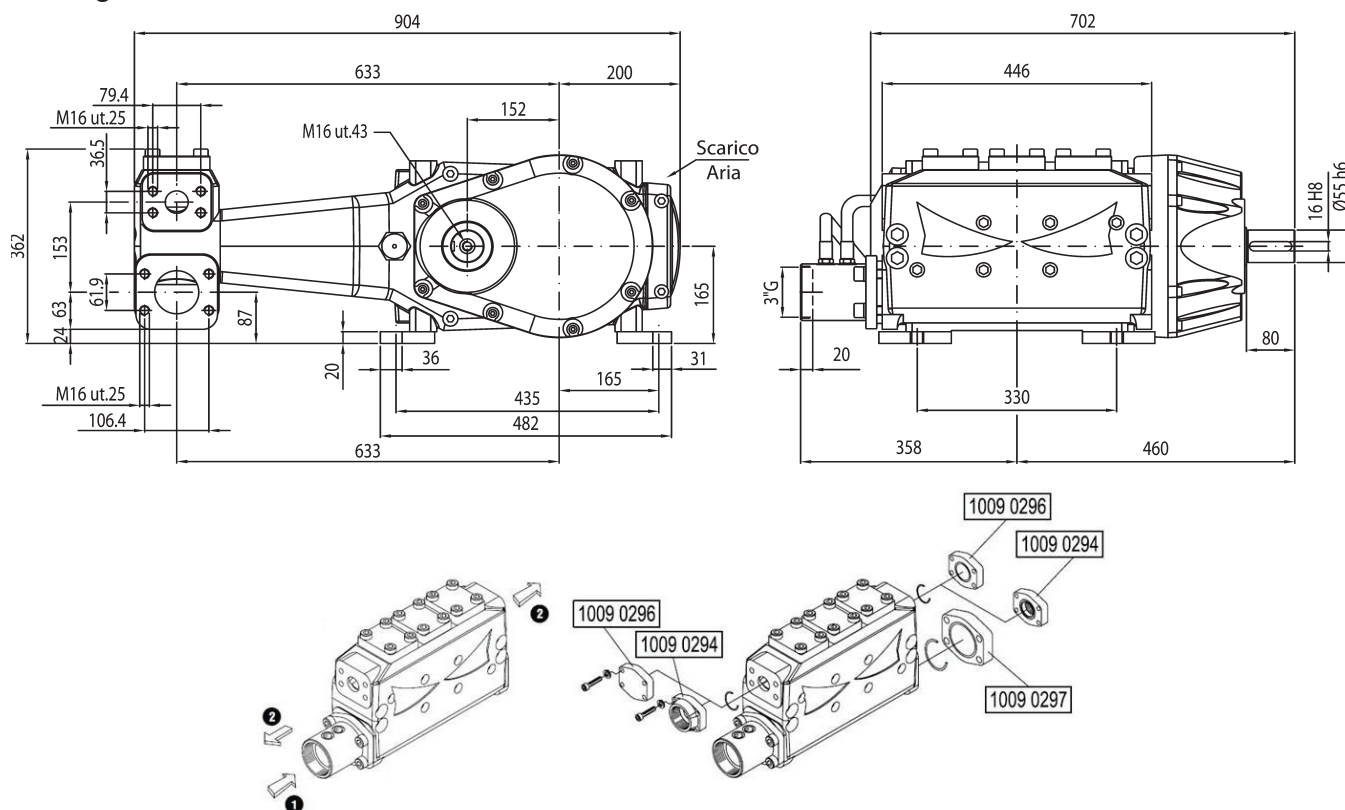
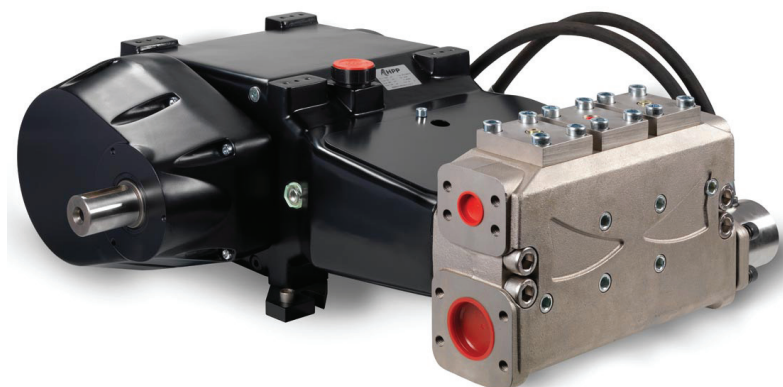
See Page 44 for Connection Kit Pricing

PART #	MODEL #	GPM	PSI	R=2.61	RPM	SHAFT	PISTON	HP
6913.0005.00	MLR 420/145	111.0	2102	1500	566	55	65	160
6913.0004.00	MLR 360/170	95.0	2465	1500	566	55	60	160
6913.0003.00	MLR 300/200	79.0	2900	1500	566	55	55	160
6913.0002.00	MLR 250/250	66.0	3625	1500	566	55	50	160
PART #	MODEL #	GPM	PSI	R=3.16	RPM	SHAFT	PISTON	HP
6913.0010.00	MLR 420/145	111.0	2102	1800	566	55	65	160
6913.0009.00	MLR 360/170	95.0	2465	1800	566	55	60	160
6913.0008.00	MLR 300/200	79.0	2900	1800	566	55	55	160
6913.0007.00	MLR 250/250	66.0	3625	1800	566	55	50	160

RLR Series

HPP Industrial Pumps

- Cast Iron Crankcase
- Chemically Resistant Coated Cast Iron Manifold
- Hardened Crankshaft
- Cast Iron Connecting Rods
- Ceramic Plungers
- Stainless Steel Valves
- V-Packing Seal Design-Buna N
- Stainless Steel Piston Guides
- Long Life Bearings
- 3" Inlet; 1-1/2" Outlet
- Oil Capacity 541 oz.
- Weight 891 lbs.



See Page 44 for Connection Kit Pricing

PART #	MODEL #	GPM	PSI	R=2.61	RPM	SHAFT	PISTON	HP
6914.0004.00	RLR 480/145	127.0	2102	1500	566	55	70	190
6914.0003.00	RLR 420/170	111.0	2465	1500	566	55	65	190
6914.0002.00	RLR 360/200	95.0	2900	1500	566	55	60	190
6914.0001.00	RLR 300/250	79.0	3625	1500	566	55	55	190
PART #	MODEL #	GPM	PSI	R=3.16	RPM	SHAFT	PISTON	HP
6914.0008.00	RLR 480/145	127.0	2102	1800	566	55	70	190
6914.0007.00	RLR 420/170	111.0	2465	1800	566	55	65	190
6914.0006.00	RLR 360/200	95.0	2900	1800	566	55	60	190
6914.0005.00	RLR 300/250	79.0	3625	1800	566	55	55	190

Repair Kits-HPP Pumps

CH Series

Part #	Description
5025.0042.00	Valve Kit
5019.0137.00	Valve Seal Kit
5019.0205.00	Water Seal Kit, Complete CH 25/500 & 18/500
5019.0206.00	Water Seal Kit, Complete CH 22/400 & 31/300
5019.0193.00	Water Seal Kit CH 25/500 & 18/500
5019.0194.00	Water Seal Kit CH 22/400 & 31/300
5019.0152.00	Oil Seal Kit
2409.0214.00	Pumping Group Kit CH 25/500 & 18/500
2409.0215.00	Pumping Group Kit CH 22/400 & 31/300
2409.0234.00	Piston Kit CH 25/500 & 18/500
2409.0235.00	Piston Kit CH 22/400 & 31/300

CL Series

Part #	Description
5025.0043.00	Valve Kit
5019.0138.00	Valve Seal Kit
5019.0212.00	Water Seal Kit, Complete CL 49/200 & 70/130
5019.0127.00	Water Seal Kit, Complete CL 66/140
5019.0191.00	Water Seal Kit CL 49/200 & 70/130
5019.0192.00	Water Seal Kit CL 66/140
5019.0152.00	Oil Seal Kit
2409.0212.00	Pumping Group Kit CL 49/200 & 70/130
2409.0213.00	Pumping Group Kit CL 66/140
2409.0231.00	Piston Kit CL 49/200 & 70/130
2409.0232.00	Piston Kit CL 66/140

EV Series

Part #	Description
5025.0045.00	Valve Kit
5019.0207.00	Valve Seal Kit
5019.0204.00	Water Seal Kit, Complete
5019.0209.00	Water Seal Kit
5019.0145.00	Oil Seal Kit
2409.0211.00	Pumping Group Kit
2409.0243.00	Piston Kit

CLW Series

Part #	Description
5025.0055.00	Valve Kit
5019.0236.00	Valve Seal Kit
5019.0212.00	Water Seal Kit, Complete CLW 49/200 & 70/130
5019.0127.00	Water Seal Kit, Complete CLW 66/140, 80/100 & 100/100
5019.0191.00	Water Seal Kit CLW 49/200 & 70/130
5019.0192.00	Water Seal Kit CLW 66/140, 80/100 & 100/100
5019.0152.00	Oil Seal Kit
2409.0212.00	Pumping Group Kit CLW 49/200 & 70/130
2409.0213.00	Pumping Group Kit CLW 66/140, 80/100 & 100/100
2409.0231.00	Piston Kit CLW 49/200 & 70/130
2409.0232.00	Piston Kit CLW 66/140, 80/100 & 100/100

ELH/R Series

Part #	Description
5025.0042.00	Valve Kit, 38/500
5025.0056.00	Valve Kit, 59/310 & 70/280
5019.0137.00	Valve Seal Kit
5019.0691.00	Water Seal Kit, Complete, 38/500
5019.0195.00	Water Seal Kit, 38/500
5019.0237.00	Water Seal Kit, 59/310 & 70/280
5019.0145.00	Oil Seal Kit
2409.0197.00	Pumping Group Kit
2409.0236.00	Piston Kit, 38/500
2409.0254.00	Piston Kit, 59/310 & 70/280
0608.0091.00	Pulse Port Conversion Kit 70/280
Conversion Kit for ELH 70/280:	
5025.0056.00	Valve Kit--takes 3 pcs
3300.0180.00	Head Kit
2500.0056.00	Pumping Group--takes 3 pcs



EL/R Series

Part #	Description
5025.0036.00	Valve Kit
5019.0132.00	Valve Seal Kit
5019.0197.00	Water Seal Kit, Complete EL/R 84/190
5019.0198.00	Water Seal Kit, Complete EL/R 102/160
5019.0118.00	Water Seal Kit, Complete EL/R 122/130
5019.0119.00	Water Seal Kit, Complete EL/R 128/120
5019.0120.00	Water Seal Kit, Complete EL/R 152/100
5019.0199.00	Water Seal Kit, Complete EL/R 164/90
5019.0170.00	Water Seal Kit EL/R 84/190
5019.0171.00	Water Seal Kit EL/R 102/160
5019.0172.00	Water Seal Kit EL/R 122/130
5019.0173.00	Water Seal Kit EL/R 128/120
5019.0174.00	Water Seal Kit EL/R 152/100
5019.0175.00	Water Seal Kit EL/R 164/90
5019.0145.00	Oil Seal Kit
2409.0190.00	Pumping Group Kit EL/R 84/190
2409.0191.00	Pumping Group Kit EL/R 102/160
2409.0200.00	Pumping Group Kit EL/R 122/130
2409.0201.00	Pumping Group Kit EL/R 128/120
2409.0192.00	Pumping Group Kit EL/R 152/100
2409.0202.00	Pumping Group Kit EL/R 164/90
2409.0237.00	Piston Kit, 30mm EL/R 84/190
2409.0238.00	Piston Kit, 33mm EL/R 102/160
2409.0239.00	Piston Kit, 36mm EL/R 122/130
2409.0240.00	Piston Kit, 40mm EL/R 128/120
2409.0241.00	Piston Kit, 45mm EL/R 152/100
2409.0242.00	Piston Kit, 50mm EL/R 164/90

ELS Series

Part #	Description
5025.0053.00	Valve Kit
5019.0132.00	Valve Seal Kit
5019.0197.00	Water Seal Kit, Complete ELS 84/210
5019.0198.00	Water Seal Kit, Complete ELS 102/200
5019.0118.00	Water Seal Kit, Complete ELS 122/160
5019.0119.00	Water Seal Kit, Complete ELS 135/140 & 150/130
5019.0120.00	Water Seal Kit, Complete ELS 162/110
5019.0170.00	Water Seal Kit ELS 84/210
5019.0171.00	Water Seal Kit ELS 102/200
5019.0172.00	Water Seal Kit ELS 122/160
5019.0173.00	Water Seal Kit ELS 135/140 & 150/130
5019.0174.00	Water Seal Kit ELS 162/110
5019.0145.00	Oil Seal Kit
2409.0190.00	Pumping Group Kit ELS 84/210
2409.0191.00	Pumping Group Kit ELS 102/200
2409.0200.00	Pumping Group Kit ELS 122/160
2409.0201.00	Pumping Group Kit ELS 135/140 & 150/130
2409.0192.00	Pumping Group Kit ELS 162/110
2409.0237.00	Piston Kit, 30mm ELS 84/210
2409.0238.00	Piston Kit, 33mm ELS 102/200
2409.0239.00	Piston Kit, 36mm ELS 122/160
2409.0240.00	Piston Kit, 40mm ELS 135/140 & 150/130
2409.0241.00	Piston Kit, 45mm ELS 162/110

GL/R Series

Part #	Description
5025.0044.00	Valve Kit
5019.0139.00	Valve Seal Kit
5019.0211.00	Water Seal Kit, Complete GL/R 109/290
5019.0121.00	Water Seal Kit, Complete GL/R 135/235
5019.0122.00	Water Seal Kit, Complete GL/R 171/185
5019.0123.00	Water Seal Kit, Complete GL/R 212/150
5019.0124.00	Water Seal Kit, Complete GL/R 256/125
5019.0184.00	Water Seal Kit GL/R 109/290
5019.0185.00	Water Seal Kit GL/R 135/235
5019.0186.00	Water Seal Kit GL/R 171/185
5019.0215.00	Water Seal Kit GL/R 212/150
5019.0187.00	Water Seal Kit GL/R 256/125
5019.0149.00	Oil Seal Kit, GL
5019.0150.00	Oil Seal Kit, GLR
2409.0217.00	Pumping Group Kit GL/R 109/290
2409.0218.00	Pumping Group Kit GL/R 135/235
2409.0219.00	Pumping Group Kit GL/R 171/185
2409.0220.00	Pumping Group Kit GL/R 212/150
2409.0221.00	Pumping Group Kit GL/R 256/125
2409.0244.00	Piston Kit GL/R 109/290
2409.0245.00	Piston Kit GL/R 135/235
2409.0246.00	Piston Kit GL/R 171/185
2409.0247.00	Piston Kit GL/R 212/150
2409.0248.00	Piston Kit GL/R 256/125

SL/R Series

Part #	Description
5025.0044.00	Valve Kit
5019.0139.00	Valve Seal Kit
5019.0200.00	Water Seal Kit, Complete SL/R 135/300
5019.0201.00	Water Seal Kit, Complete SL/R 167/250
5019.0202.00	Water Seal Kit, Complete SL/R 212/200
5019.0694.00	Water Seal Kit, Complete SL/R 263/160
5019.0203.00	Water Seal Kit, Complete SL/R 316/130
5019.0177.00	Water Seal Kit SL/R 135/300
5019.0178.00	Water Seal Kit SL/R 167/250
5019.0179.00	Water Seal Kit SL/R 212/200
5019.0180.00	Water Seal Kit SL/R 263/160
5019.0181.00	Water Seal Kit SL/R 316/130
5019.0147.00	Oil Seal Kit, SL
5019.0146.00	Oil Seal Kit, SLR
2409.0207.00	Pumping Group Kit SL/R 135/300
2409.0208.00	Pumping Group Kit SL/R 167/250
2409.0193.00	Pumping Group Kit SL/R 212/200
2409.0209.00	Pumping Group Kit SL/R 263/160
2409.0210.00	Pumping Group Kit SL/R 316/130
2409.0249.00	Piston Kit SL/R 135/300
2409.0250.00	Piston Kit SL/R 167/250
2409.0251.00	Piston Kit SL/R 212/200
2409.0252.00	Piston Kit SL/R 263/160
2409.0253.00	Piston Kit SL/R 316/130



MLR Series

Part #	Description
5025.0041.00	Valve Kit
5019.0136.00	Valve Seal Kit
5019.0213.00	Water Seal Kit, Complete MLR 250/250
5019.0214.00	Water Seal Kit, Complete MLR 300/200
5019.0125.00	Water Seal Kit, Complete MLR 360/170
5019.0126.00	Water Seal Kit, Complete MLR 420/145
5019.0188.00	Water Seal Kit MLR 250/250
5019.0189.00	Water Seal Kit MLR 300/200
5019.0190.00	Water Seal Kit MLR 360/170
5019.0210.00	Water Seal Kit MLR 420/145
5019.0151.00	Oil Seal Kit, MLR
2409.0199.00	Pumping Group Kit MLR 250/250
2409.0222.00	Pumping Group Kit MLR 300/200
2409.0223.00	Pumping Group Kit MLR 360/170
2409.0224.00	Pumping Group Kit MLR 420/145
2409.0255.00	Piston Kit MLR 250/250
2409.0256.00	Piston Kit MLR 300/200
2409.0257.00	Piston Kit MLR 360/170
2409.0258.00	Piston Kit MLR 420/145

RLR Series

Part #	Description
5025.0041.00	Valve Kit
5019.0136.00	Valve Seal Kit
5019.0214.00	Water Seal Kit, Complete RLR 300/250
5019.0125.00	Water Seal Kit, Complete RLR 360/200
5019.0126.00	Water Seal Kit, Complete RLR 420/170
5019.0216.00	Water Seal Kit, Complete RLR 480/145
5019.0189.00	Water Seal Kit RLR 300/250
5019.0190.00	Water Seal Kit RLR 360/200
5019.0210.00	Water Seal Kit RLR 420/170
5019.0217.00	Water Seal Kit RLR 480/145
5019.0151.00	Oil Seal Kit
2409.0222.00	Pumping Group Kit RLR 300/250
2409.0223.00	Pumping Group Kit RLR 360/200
2409.0224.00	Pumping Group Kit RLR 420/170
2409.0225.00	Pumping Group Kit RLR 480/145
2409.0256.00	Piston Kit RLR 300/250
2409.0257.00	Piston Kit RLR 360/200
2409.0258.00	Piston Kit RLR 420/170
2409.0259.00	Piston Kit RLR 480/145

Connection Kits-HPP Pumps

CH & ELH/R Series

Part #	Description
2800.0518.00	Inlet, 3/4" G
2803.0603.00	Service 1/2" G (ELH/R)
2803.3426.00	Outlet 3/8" G
3200.0176.00	Outlet (CH)/Service (ELH/R) 1/2" G

CL Series

Part #	Description
2803.0588.00	Outlet 3/4" G
2803.0590.00	Inlet 1" G-90°
2803.0591.00	Inlet 1" G
2803.0595.00	Outlet 3/4"-1/2" G
3200.0170.00	Service 1/4" G

ELS & EL/R Series

Part #	Description
3200.0170.00	Service 1/4" G
2803.0591.00	Outlet 1" G
2803.0594.00	Inlet 1-3/4" G-90°
2803.0597.00	Outlet 1-1/2" G
2803.0598.00	Outlet 1" G-1/2" G
2803.0601.00	Inlet 1-1/2" G
3202.0387.00	Outlet 1" G
3200.0174.00	Inlet 1-1/2" G

EV Series

Part #	Description
2800.0518.00	Inlet, 3/4" G
1009.0348.00	Outlet 1/2" G
2803.0602.00	Outlet 1/2" G
3200.0177.00	Outlet 3/8" G

GL/R & SL/R Series

Part #	Description
1009.0287.00	Outlet 1-1/4" G
1009.0303.00	Outlet 1-1/4" NPT
1009.0288.00	Inlet 2-1/2" G
1009.0304.00	Inlet 2-1/2" NPT
1009.0289.00	Outlet, Closed
1009.0290.00	Inlet, Closed

MLR & RLR Series

Part #	Description
1009.0294.00	Outlet 1-1/2" G
1009.0295.00	Inlet 3" G (MLR only)
1009.0296.00	Outlet, Closed
1009.0297.00	Inlet, Closed

HPP Accessories

FILTERS



FA 03



FP 01



FP 02



FA 01 & 02



FP 05



FP 06

Part #	Model	GPM	PSI	Mat'l	Couplg
1002.0207.00	FA 03	7.9	145	SS	1"
1002.0201.00	FP 01	18.5	174	Plastic	1"
1002.0202.00	FP 02	29	174	Plastic	1-1/4"
1002.0205.00	FA 01	40	435	Alum.	1-1/2"
1002.0208.00	FP 05	53	116	Plastic	2"
1002.0206.00	FA 02	69	145	Alum.	3"
1002.0209.00	FP 06	106	116	Plastic	3"

FITTINGS-Sockets



10,000+ PSI



7500 PSI



PLUGS

Part #	Description
7600.0302.00	w/Poppet valve, 1/4" FPT, Zinc 15,950 PSI
7600.0304.00	w/Poppet valve, 3/8" FPT, Zinc 10,875 PSI
7600.0306.00	w/Ball valve, 3/8" FPT, Zinc 10,875 PSI
7600.0309.00	1/4" MPT, Stainless Steel 7500 PSI
7600.0310.00	1/4" FPT, Stainless Steel 7500 PSI

SOCKETS

Part #	Description	List Price
7600.0301.00	w/Poppet valve, 1/4" FPT, Zinc 15,950 PSI	
7600.0303.00	w/Poppet valve, 3/8" FPT, Zinc 10,875 PSI	
7600.0305.00	w/Ball valve, 3/8" FPT, Zinc 10,875 PSI	
7600.0307.00	1/4" MPT, Stainless Steel 7500 PSI	
7600.0308.00	1/4" FPT, Stainless Steel 7500 PSI	

GAUGES



Comet Logo Model 40 MA 05 Model 58 MA 08

- 1/4" Connection Models: Comet, 40 & MA 05
- 1/2" Connection Models: 58 & MA 08
- Glycerin Filled

Part #	Description
8106.0614.00*	Model 41, 2.5" Dia., 4000 PSI
8106.0627.00	Model 41, 2.5" Dia., 5000 PSI
8106.0615.00*	Model 41, 2.5" Dia., 6000 PSI
8106.0620.00	Model 40, 2.5" Dia., 10,000 PSI
1816.0144.00	MA 05, 2.5" Dia., 14500 PSI
8106.0621.00	Model 40, 4" Dia., 10,000 PSI
8106.0625.00	Model 58, 4" Dia., 15,000 PSI
1816.0147.00	MA 08, 4" Dia., 23200 PSI

*Comet Logo Gauge

GUN/LANCE Assemblies



LC 01-04

LC 06

Lance Extension

- 1/2" Inlet x 1/4" Outlet

Part #	Model	GPM	PSI	Ext.
3301.1188.00	LC 01	53	3200	16"
3301.1189.00	LC 02	53	3200	31.5"
3301.1190.00	LC 03	21	8100	16"
3301.1191.00	LC 04	21	8100	31.5"
3301.1192.00	LC 06	21	17,000	43.5"
8116.1608.10	Extension	53	8100	16"
8116.1603.10	Extension	53	8100	31.5"
8116.1608.20	Extension	53	8100	50"

NOZZLES-Meg

- 7250 PSI
- 1/4" MPT



Part #	Description	Orifice	Degree
8116.1038.40	Nozzle, Meg	038	40
8116.1040.00	Nozzle, Meg	040	0
8116.1040.15	Nozzle, Meg	040	15
8116.1049.40	Nozzle, Meg	049	40
8116.1050.00	Nozzle, Meg	050	0
8116.1050.15	Nozzle, Meg	050	15
8116.1055.00	Nozzle, Meg	055	0
8116.1055.15	Nozzle, Meg	055	15
8116.1055.40	Nozzle, Meg	055	40

*See Nozzle Formulas on Page 80 for Sizing

PULSATION DAMPENERS



AP 01 AP 02 AP 03 AP 04 AP 05 AP 06

Part #	Model	GPM	PSI	Pump
0102.0034.00	AP 01	.092	3045	CL
0102.0035.00	AP 02	.184	3045	EL
0102.0036.00	AP 03	.211	4350	GL-SL
0102.0037.00	AP 04	.264	3045	GL-SL
0102.0038.00	AP 05	.369	3045	GL-SL-MLR-RLR
0102.0039.00	AP 06	.369	4350	GL-SL-MLR-RLR

VALVE-Foot



VP-01

Part #	GPM	PSI	Temp	In/Outlet
0608.0056.00	16	14500	194° F	1/2"

VALVES-Non-Return



VRN-01

- 48 GPM
- 195° F
- 3/4" F Couplings



VRN-02

Part #	Description
0608.0051.00	VRN-01, 2200 PSI, Brass
0608.0052.00	VRN-02, 5800 PSI, Stainless

VALVES-Pneumatic



VRPP 170



RP PN 03/2



RP PN 03



VRPP 200-280



RP PN 05



VRPP 450-200



RP PN 05/2

Part #	Model	GPM	PSI	Pump	Inlet	Outlet	By-Pass	Temp	RAP	CAF
1215.0492.00	VRPP 170	53	2450	CL-EL	1" F	1" F	1" F	195°	87 PSI	1/4" F
1215.0497.00	RP PN 03/2	53	3335	CL-EL	1" F	1" F	1" F	194°	94 PSI	1/4" F
1215.0493.00	RP PN 03	53	7975	CH-ELH	1" F	1" F	1" F	194°	97 PSI	1/4" F
8116.2701.00	VRPP 200-280	53	4500	CL-EL	1" F	1" F	1" F	196°	87 PSI	1/4" F
1215.0514.00	RP PN 05	84	5075	GL-SL-MLR-RLR	1-1/2" F	1-1/2" F	1-1/2" F	194°	116 PSI	1/4" F
8116.2703.00	VRPP 450-200	120	3200	MLR-RLR	2 x 1-1/4" F	N/A	1-1/4" F	196°	87 PSI	1/4" F
1215.0502.00	RP PN 05/2	127	2900	MLR-RLR	1-1/2" F	1-1/2" F	1-1/2" F	194°	116 PSI	1/4" F

RAP=Required Air Pressure

CAF=Compressed Air Fitting

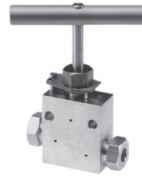
VALVES-Relief



RP 01



VRP 175



RP 05



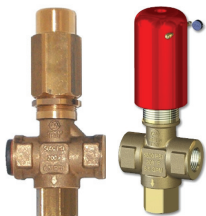
RP 06



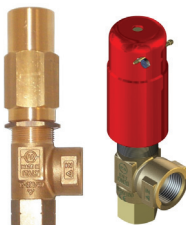
VRP 43

Part #	Model	GPM	PSI	Pump	Inlet	Outlet	By-Pass	Temp
1215.0503.00	RP 01	21.1	4350	CL	1/2" F	1/2" F	1/2" F	195°
8116.2544.00	VRP 175	53	2450	EL	2 x 1" F	N/A	1" F	195°
1215.0508.00	RP 05	7.9	29,000	EV	9/16" F	9/16" F	9/16" F	195°
1215.0509.00	RP 06	16	15,950	EV	1/2" F	1/2" F	N/A	140°
1215.0510.00	VRP 43	21.0	6400	CL-EL	1/2" F	1/2" F	1/2" F	195°

VALVES-Safety



VS 02



VS 03



VS 04



VS 450-200/300



VS 06

Part #	Model	GPM	PSI	Pump	Inlet	By-Pass	Temp
1219.2038.00	VS 02	6.5	5650	CL-CH	2 x 3/8" F	3/8" F	195°
8116.2528.00*	VS 02	6.5	5650	CL-CH	2 x 3/8" F	3/8" F	195°
1219.2040.00	VS 03	53	2900	EL	3/4" F	1/2" F	195°
8116.2529.00*	VS 03	53	2900	EL	3/4" F	1/2" F	195°
8116.0650.00	VS 04	21	8100	CH-EL-ELH	1/2" F	3/8" F	195°
8116.2530.00*	VS 04	21	8100	CH-EL-ELH	1/2" F	3/8" F	195°
8116.2537.00	VS 450-200	120	3200	GL-SL-MLR-RLR	1-1/4" F	1-1/4" F	195°
8116.2538.00	VS 450-300	120	4800	GL-SL-MLR-RLR	1-1/4" F	1-1/4" F	195°
1219.2046.00	VS 06/750	5.3	10,875	EV	1/2" F	N/A	140°
1219.2047.00	VS 06/1000	5.3	14,500	EV	1/2" F	N/A	140°
1219.2048.00	VS 06/1250	5.3	18,125	EV	1/2" F	N/A	140°

*Unloader with Safety Cap

VALVES-Unloader



VB 85/280



VB 200/150



VB 16



VB 450/200 & 300



VB 43 & 53



BPL 01

Part #	Model	GPM	PSI	Pump	Inlet	Outlet	By-Pass	Temp
8116.2534.00	VB 85/280	21	4500	CL	1/2" F	1/2" F	1/2" F	195°
1215.0484.00	VB 200/150	53	2450	EL	1" F	1" F	1" F	195°
8116.2522.00	VB 16	21	8100	EL-ELH	1/2" F	1/2" F	1/2" F	195°
1215.0487.00	VB 450/200	120	3200	GL-SL	1-1/4" F	1-1/4" F	1-1/2" F	195°
1215.0488.00	VB 450/300	120	4800	GL-SL-MLR-RLR	1-1/4" F	1-1/4" F	1-1/2" F	195°
1215.0489.00	VB 43	21	6400	CH-EL	1/2" F	1/2" F	1/2" F	195°
1215.0490.00	VB 53	21	8000	CH	1/2" F	1/2" F	1/2" F	195°
1215.0512.00	BPL 01	53	2450	EL	1-1/4" F	1-1/4" F	1-1/4" F	195°

Accessories

ANTI-FREEZE-Pump Saver



- Protects Pump from Freezing in Winter
- Attaches to any Pump Inlet to Fill Pump Chamber

Part #	Description
8102.5000.00	Pump Saver, 16 oz.

BRUSH-Rotating



- 580 PSI
- 140° F Max
- 3.0mm Nozzle



Part #	Description
8108.9152.00	Nylon Bristles, 1/4" M Inlet MV #0201000001
8108.8300.00	Horse Hair Bristles, 1/4" M Inlet MV #0201000011
8108.3303.00	Nylon Bristles w/Joint, 1/4" F Inlet MV #0201000002
8108.3304.00	Horse Hair Bristles w/Joint, 1/4" F Inlet MV #0201000012

BURNER RINGS



- Cast Iron for Long Life
- High-Flow Design
- Industry Standard Sizes
- New & Improved Casting Design

BURNER RINGS-Continued...

Part #	Description
8102.0122.00	44-50 Burner Ring, 50-Orifice
8102.0123.00	44-51 Burner Ring, 51-Orifice
8102.0124.00	44-52 Burner Ring, 52-Orifice
8102.0125.00*	44-53 Burner Ring, 53-Orifice
8102.0126.00	44-54 Burner Ring, 54-Orifice
8102.0127.00*	44-55 Burner Ring, 55-Orifice
8102.0128.00*	44-56 Burner Ring, 56-Orifice
8102.0129.00*	44-57 Burner Ring, 57-Orifice
8102.0130.00*	44-58 Burner Ring, 58-Orifice
8102.0131.00*	44-59 Burner Ring, 59-Orifice
8102.0132.00	44-60 Burner Ring, 60-Orifice
8102.0133.00*	44-61 Burner Ring, 61-Orifice
8102.0134.00	44-62 Burner Ring, 62-Orifice
8102.0135.00	44-63 Burner Ring, 63-Orifice
8102.0136.00	44-64 Burner Ring, 64-Orifice
8102.0137.00	44-65 Burner Ring, 65-Orifice
8102.0138.00	44-66 Burner Ring, 66-Orifice
8102.0139.00	44-67 Burner Ring, 67-Orifice
8102.0140.00	44-68 Burner Ring, 68-Orifice
8102.0141.00	44-69 Burner Ring, 69-Orifice

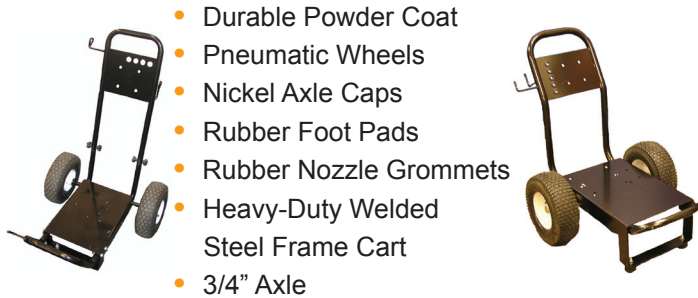
*Non-stocked sizes

8102.0120.00	32-69 Burner Ring, 69-Orifice
8102.0182.00	66-62 Burner Ring, 62-Orifice
8102.0189.00	66-69 Burner Ring, 69-Orifice
8102.0162.00	88-69 Burner Ring, 69-Orifice

32, 66 & 88-Other nozzle sizes available upon request

8102.0100.00	Replacement Nozzle
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CARTS-Pressure Washer



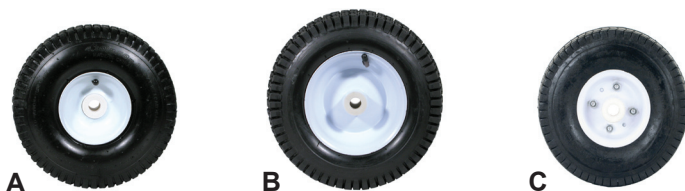
- Durable Powder Coat
- Pneumatic Wheels
- Nickel Axle Caps
- Rubber Foot Pads
- Rubber Nozzle Grommets
- Heavy-Duty Welded Steel Frame Cart
- 3/4" Axle

Part #	Description
8402.0201.00	Cart, 10" Wheels Up to 6.5 HP Gas Engine or 56C Electric Motor Base Dimensions: 14.5" x 14.5"
8402.0202.00	Cart, 13" Wheels 11-20 HP Gas Engine or 182-184T Electric Motor Base Dimensions: 14" x 21"

CARTS-Components

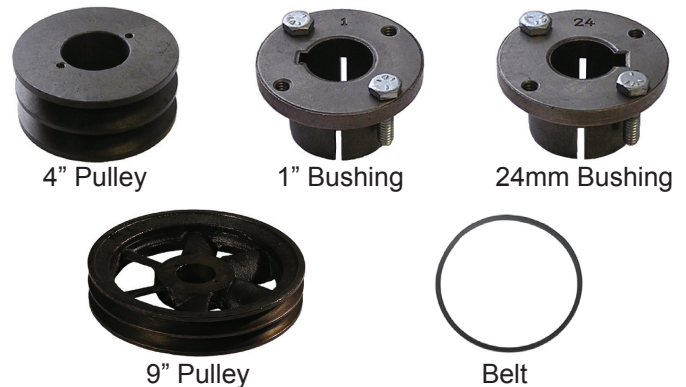


Part #	Description	Style
8102.0202.01	Knuckle & Bolt for cart 8102.0202.60	E
8402.0264.00	Knuckle & Bolt for cart 8402.0201.00	F
8102.0260.00	Grommet, Spray Tip Holder	C
8102.0261.00	Rubber Foot w/Hardware (for Carts 8102.0201.00, 8102.0202.60 & 8102.0203.00)	A
8402.0260.00	Rubber Foot (for Carts 8402.0201.00 & 8402.0202.00)	D
8102.0263.00	Nickel Plated Axle Cap, 5/8"	B
8102.0264.00	Nickel Plated Axle Cap, 3/4"	B



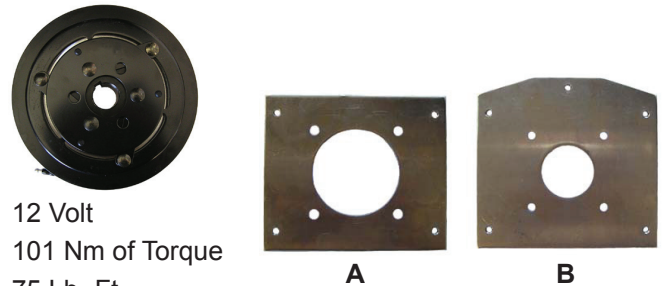
Part #	Description	Style
8402.0252.00	10" Pneumatic Wheel w/ 3/4" Industrial Duty Nylon Bearing	A
8402.0257.00	10" Pneumatic Wheel w/ 5/8" Industrial Duty Nylon Bearing	A
8402.0253.00	13" Pneumatic Wheel w/ 3/4" Industrial Duty Nylon Bearing	B
8402.0258.00	10" Foam Filled Tire, 3/4" Axle	C
8402.0259.00	10" Foam Filled Tire, 5/8" Axle	C

CARTS-Components Continued...



Part #	Description
8102.0270.00	4" Pulley
7600.0271.00	24mm Bushing
7600.0272.00	1" Bushing
7600.0276.00	9" Pulley
8102.0274.00	40" Belt B-Style
8102.0275.00	Pulley & Belt Assembly Kit [Includes all of the above, 2 belts, 2 bolts]

CLUTCH



- 12 Volt
- 101 Nm of Torque
- 75 Lb.-Ft.
- 3.9 Amps

Part #	Description
8201.0000.00	Clutch, Single Groove
8201.0007.00	Clutch, Double Groove
7600.0100.00	Plate, 2-1/2" Dia. A For Pump Models FW, HW, RW, SW & TW
7600.0101.00	Plate, 1-1/2" Dia. B For Pump Models LW & ZW

COUPLERS-Insulated



- 10 GPM
- 5000 PSI
- 212°F

Part #	Description
8402.1301.00	Coupler, 1/4" Insulated FPT
8402.1302.00	Coupler, 1/4" Insulated MPT
8402.1303.00	Coupler, 3/8" Insulated FPT
8402.1304.00	Coupler, 3/8" Insulated MPT

COUPLERS-QC Sockets



- Ball Bearing Snap Connection
- Precision Machined Parts
- Click Lock Design
- 5000 PSI - 1/4"
- 4000 PSI - 3/8" & 1/2"
- **Box Qty 100 (1/4" & 3/8")**
- **Box Qty 50 (1/2")**

Brass Sockets

Part #	Description
8102.0301.00	Brass Socket, 1/4" FPT
8102.0303.00	Brass Socket, 1/4" MPT
8102.0302.00	Brass Socket, 3/8" FPT
8102.0304.00	Brass Socket, 3/8" MPT
8102.0357.00	Brass Socket, 1/2" FPT
8102.0356.00	Brass Socket, 1/2" MPT

Stainless Steel Sockets-5000 PSI

Part #	Description
8102.0309.00	Stainless Steel, 1/4" FPT
8102.0311.00	Stainless Steel, 1/4" MPT
8102.0310.00	Stainless Steel, 3/8" FPT
8102.0312.00	Stainless Steel, 3/8" MPT

O-RINGS-Replacement

Part #	Description
8102.0301.01	"O" Ring for 1/4" Couplers
8102.0301.02	Viton "O" Ring for 1/4" Couplers
8102.0302.01	"O" Ring for 3/8" Couplers
8102.0302.02	Viton "O" Ring for 3/8" Couplers
8102.0356.01	"O" Ring for 1/2" Couplers

COUPLERS-QC Plugs



- Industrial Grade Steel
- Precision Machined Parts
- 5000 PSI - 1/4"
- 4000 PSI - 3/8" & 1/2"
- **Box Qty 100**

Brass Plugs

Part #	Description
8102.0350.00	Brass Plug, 1/4" FPT
8102.0351.00	Brass Plug, 1/4" MPT
8102.0352.00	Brass Plug, 3/8" FPT
8102.0353.00	Brass Plug, 3/8" MPT
8102.0363.00	Brass Plug, 1/2" FPT
8102.0362.00	Brass Plug, 1/2" MPT

ST-N2 Steel Plugs

Part #	Description
8102.0320.00	Steel Plug, 1/4" FPT
8102.0321.00	Steel Plug, 1/4" MPT
8102.0322.00	Steel Plug, 3/8" FPT
8102.0323.00	Steel Plug, 3/8" MPT
8102.0355.00	Steel Plug, 1/2" FPT
8102.0354.00	Steel Plug, 1/2" MPT

COUPLERS-QC Plugs Cont'd...

Hardened Steel Plugs

Part #	Description
8102.0324.00	Hardened Steel Plug, 1/4" FPT
8102.0325.00	Hardened Steel Plug, 1/4" MPT
8102.0326.00	Hardened Steel Plug, 3/8" FPT
8102.0327.00	Hardened Steel Plug, 3/8" MPT

Stainless Steel Plugs-5000 PSI

Part #	Description
8102.0328.00	Stainless Steel Plug, 1/4" FPT
8102.0329.00	Stainless Steel Plug, 1/4" MPT
8102.0330.00	Stainless Steel Plug, 3/8" FPT
8102.0331.00	Stainless Steel Plug, 3/8" MPT

COUPLERS-Twist Connect & QC



- Secure Twist Connection
- Click Lock Design
- 4000 PSI

Part #	Description
8402.1305.00	Coupler M22F x 3/8" QC MNPT

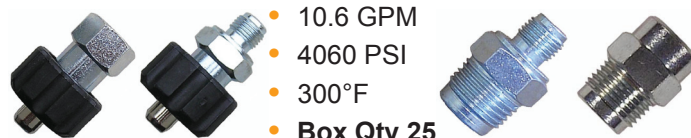
COUPLERS-Twist Connect-QC



- Adapts from QC to M22 Twist Connect
- 4000 PSI
- **Box Qty 100**

Part #	Description
8102.8518.00	3/8" QC Socket X M22M
8102.8519.00	3/8" QC Plug x M22F

COUPLERS-Twist Connect, 1/2"



- 10.6 GPM
- 4060 PSI
- 300°F
- **Box Qty 25**

Part #	Description
8108.9156.00	Body G 1/4" F MV #0212000030
8108.9157.00	Body G 1/4" M MV #0212000050
8108.8019.00	Body G 3/8" F MV #0212000020
8108.7012.00	Body G 3/8" M MV #0212000040
8108.7013.00	Plug G 1/4" F MV #0212000130
8108.9124.00	Plug G 1/4" M MV #0212000150
8108.7014.00	Plug G 3/8" F MV #0212000120
8108.7015.00	Plug G 3/8" M MV #0212000140

COUPLERS-Twist Connect, M22



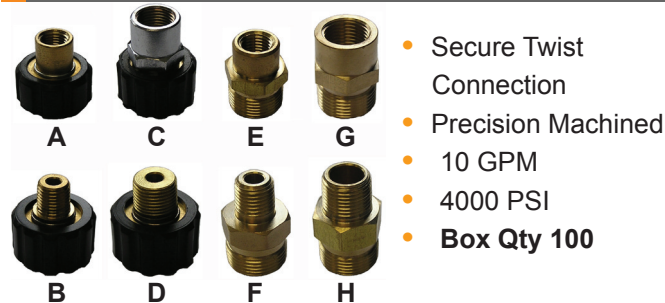
- 4060 PSI
- 302°F
- Box Qty 25

• 8 GPM

• 10.6 GPM

Part #	Description
8108.9125.00	Body, 1/4" F x M22F MV #0212003530
8108.8302.00	Body, 1/4" M x M22F MV #0212003550
8108.7004.00	Body, 3/8" F x M22F MV #0212003520
8108.8301.00	Body, 3/8" M x M22F MV #0212003540
8108.8303.00	Plug, 1/4" F x M22M MV #0212003630
8108.7005.00	Plug, 1/4" M x M22M MV #0212003650
8108.7006.00	Plug, 3/8" F x M22M MV #0212003620
8108.7007.00	Plug, 3/8" M x M22M MV #0212003640

COUPLERS-Twist Connect-M22



- Secure Twist Connection
- Precision Machined
- 10 GPM
- 4000 PSI
- Box Qty 100

Part #	Description
8102.6000.00	Body, 1/4" FPT x M22F, Brass A
8102.6020.00	Body, 1/4" MPT x M22F Brass B
8102.6001.00	Body, 3/8" FPT x M22F, Zinc C
8102.8521.00	Body, 3/8" MPT x M22F Brass D
8102.6002.00	Plug, 1/4" FPT x M22M E
8102.6004.00	Plug, 1/4" MPT x M22M F
8102.6003.00	Plug, 3/8" FPT x M22M G
8102.6005.00	Plug, 3/8" MPT x M22M H
8102.6000.01	O-ring, Twist Connect

COUPLING-Ball Quick Coupling



• Box Qty 5

- 12 GPM
- 3600 PSI
- 300° F

Part #	Description
8108.8304.00	Coupler, G 1/4" M MV #0212006150
8402.1677.00	Plug, G 1/4" F

ENGINE KEYS



- Keys for All Common Engine Shafts
- Fits 1" & 3/4" Shafts

Part #	Description
8102.2800.00	Shaft Key-3/4" Solid Shaft
8102.2801.00	Shaft Key-1" Solid Shaft

FILTERS-Self-Cleaning



- 40 GPM
- 290 PSI
- 60° F
- Polypropylene

Part #	Description
8108.8006.00	Filter, In-Line G1" F, 80 Mesh MV #8106002
8108.8007.00	Filter, In-Line G1" F, 100 Mesh MV #8106003

FILTER/HOSE ASSEMBLY



- Industrial Duty Hose
- Chemical Filter with Check Valve

Part #	Description
8102.3000.00	Chemical Hose Assembly, 3 ft.
8102.3001.00	Chemical Hose Assembly, 6 ft.

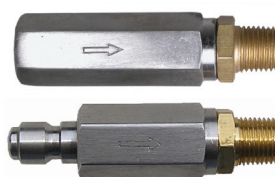
FILTERS-Canister



- Poly carbonate
- 145 PSI
- 1" (F x F) Connection
- Uses 9-3/4" Filters

Part #	Description
8402.0430.00	Poly carbonate Housing
8402.0431.00	Filter, Plastic, 60 Microns, 10"
8107.0432.00	Filter, Carbon Block, 5 Microns

FILTERS-High Pressure



- 8 GPM
- Max PSI 5000
- Max Temp 200°
- Stainless w/Brass Insert
- 80 Mesh

Part #	Description
8402.0335.00	Filter 1/4" FPT x 1/4" MPT
8402.0334.00	Filter QC x 1/4" MPT
8402.0334.01	Screen, High Pressure Filter

FILTERS-Chemical Suction

**A****B****C****D**

400 Microns/40 Mesh

A, B, C & D

840 Microns/20 Mesh

E & F

Box Qty

- 20 • 50 • 50 • 20 • 50 • 50

Part #	Description	
8402.2005.00	Chemical Strainer--with Check	A
8108.7024.00	Chemical Strainer--with Ballast	B
	MV #8064000	
8108.9119.00	Intake Strainer, MV 15	C
	MV #0211000120	
8108.9118.00	Intake Strainer, MV 16 w/Check	D
	MV #0211000110	

FILTER-Inlet

**A****B**

- Bypass Port
- Replaceable Screen
- 60 Mesh Cuffed Screen
- Aluminum Body

Part #	Description	
8402.0410.00	Inlet Filter, 1/2" F x 1/2" M	B
8402.0411.00	Replacement Blue Cap only for 8402.0410.00	
8402.0412.00	Replacement Screen only for 8402.0410.00	
8102.0401.00	Inlet Filter, FGH x 1/2" M w/ Garden Hose Adaptor	A

FILTER-Inlet, Clear Bowl

***Patent Pending**

- 8.0 GPM
- 160 PSI
- 175° F
- 3/4" FGH Inlet
- 1/2" MPT Outlet

Part #	Description
8102.0460.00	Filter, No By-Pass
8102.0461.00	Filter, 1/4" By-Pass
8102.0460.01	Replacement Sleeve
8102.0460.02	Replacement O-Ring

FILTER-Strainer MV 18



- 8.0 GPM
- 145 PSI
- 140° F
- 50 Mesh
- **Box Qty 10**

Part #	Description
8108.7016.00	1/2" F x 1/2" M x 1/4" F By-Pass MV #0211001080
8108.7011.00	1/2" F x 1/2" M, No By-Pass MV #0211001090
1002.0110.00	1/2" F x 1/2" F, No By-Pass MV #0211001100
8108.7017.00	Cap MV #0103740020
8108.7022.00	O-ring MV #0110750960

FILTER-Tank Suction



- Straining Power
400 Microns

Part #	Description
8402.0440.00	Tank Suction Filter
8402.0441.00	Tank Suction Filter w/check

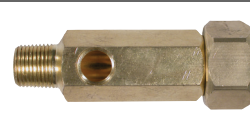
FILTER-Y Intake Strainer



- 290 PSI
- 8 GPM
- 210° F
- 50 Mesh SS. Screen
- Brass Body
- **Box Qty 5**

Part #	Description
8107.2011.00	1/2" F x 1/2" F MV #0211000520
8107.2012.00	3/4" F x 3/4" F MV #0211000530
8107.2013.00	1" F x 1" F MV #0211000540

FITTINGS-Garden Hose

**A****B****C****D**

- Solid Brass Fittings
- Precision Threads

Part #	Description	
8105.0600.00	3/8" MPT x FGH	A
8105.0601.00	1/2" MPT x FGH	A
8105.0501.00	3/8" MPT x FGH	B
8105.0500.00	1/2" MPT x FGH	B
8105.0502.00	1/2" FPT x FGH	C
8102.0450.00	Filter Washer for GH Adaptor	D

FITTINGS-QC Garden Hose



A

B

C

D

- Solid Brass Fittings
- Precision Threads
- **Box Qty 100**

Part #	Description	
8102.0335.00	Plug, Brass, 1/2" QC x MGH	A
8102.0336.00	Coupler, Brass, 1/2" QC x FGH	B
8102.0337.00	Garden Hose QC Set	
8102.0338.00	Plug, Brass, 3/4" FBSP	C
8102.0451.00	Washer, Garden Hose	D

FITTINGS-Misc.



A

B

C

D

E

F

G

Part #	Description	
8102.6017.00	Street L, 1/8" M x 1/4" F, Brass	A
8102.0503.00	Street L, 1/4" M x 1/4" F, Brass	A
8102.0509.00	Street L, 3/8" M x 1/4" F, Brass	A
8102.0504.00	Street L, 3/8" M x 3/8" F	A
8107.0508.00	Street L, 1/2" M x 1/2" F, Brass	A
8102.0502.00	Tee, 3/8" F x 3/8" F x 3/8" F	B
8102.0512.00	Nipple 1/4" MPT x 1/4" MPT, Brass	C
8102.6016.00	Nipple 3/8" MPT x 1/4" MPT, Brass	C
8102.0505.00	Nipple, 3/8" MPT x 3/8" MPT, Brass	C
8102.6011.00	Nipple, 1/2" MPT x 1/2" MPT, Brass	C
8102.0520.00	Bushing 3/8" MPT x 1/4" FPT, Brass	D
8102.0506.00	Bushing 1/2" MPT x 3/8" FPT, Brass	D
8102.0519.00	Bushing 3/4" MPT x 1/2" FPT, Brass	D
8102.6012.00	Adapter 3/8" FPT x 1/4" MPT, Brass	E
8102.6014.00	Coupling, 3/8" F, Brass	F
8102.0507.00	Hose Barb 3/8" x 1/4" MPT, Brass	G
8102.0508.00	Hose Barb 3/8" x 3/8" MPT, Brass	G
8102.0517.00	Hose Barb 1/2" x 3/8" MPT, Brass	G
8102.0518.00	Hose Barb 1/2" x 1/2" MPT, Brass	G

FITTING KIT-Bayonet Style



- 8 GPM
- 2000 PSI
- 200° F
- 1/4" FNPT
- Brass Fittings
- **Box Qty 40**

Part #	Description
8102.0600.00	Fitting Kit, 5 Pack

FLEX COUPLER-Love Joy



- Up to 35 E.B.H.P.
- Direct Drive
- Close Couple
- Electric & Gas



Part #	Description
1009.0273.00	Bell Housing
8201.0002.00	Love Joy Coupler, 24mm (Jaw)
8201.0003.00	Love Joy Coupler, 1" (Jaw)
8201.0004.00	Love Joy Coupler, 1-1/8" (Jaw)
8201.0005.00	Love Joy Coupler, 1-3/8" (Jaw)
8201.0006.00	Spider (Jaw)

FLOAT TANK



- 0.8 Gallon Tank
- 140° F Max
- Tank includes Lid
- **Box Qty 30**

Part #	Description
8108.8015.00	Tank with Inlet and Bulkhead MV #0210000010

FLOAT VALVES



A

- **Box Qty 25**

B

- **Box Qty 50**

- 140° F Max.
- 3/4 Male Inlet

Part #	Description	
8107.2602.00	Valve, Brass, 105 PSI	A
8107.2601.00	Valve, Plastic, 145 PSI	B
	MV #0208000001	

FOAMER



- 1800 PSI
- 140° F
- 1/4" Female Inlet
- **Box Qty 5**

Part #	Description
8108.2610.00	Foamer, .09 Gal. Tank MV #0202001000

FOAMER-Professional



- 5.3 GPM
- 2900 PSI
- 140° F
- 1/4" Female Inlet
- **Box Qty 5**

Part #	Description
8108.2611.00	Foamer, .26 Gal. Tank MV #0202001020
8108.2611.01	Filter MV #0120720040

FOAMER-Professional



- 6.5 GPM
- 3200 PSI
- 150° F
- 3/8" Male Inlet
- .5 Gal. Tank
- **Box Qty 5**

Part #	Description
8116.2604.00	Foamer

GAUGES-Pressure



- 3/8" QD Brass Socket w/ Stainless Steel Collar
- 3/8" QD Brass Plug
- 1/4" FPT Gauge Port

Part #	Description
8102.0332.00	QD Gauge Fitting
8102.0340.00	QD Gauge Kit w/4000 PSI Gauge

GAUGES-Pressure

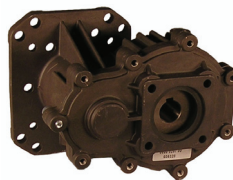


- Glycerin Filled
- 1/4" MNPT Inlet
- Stainless Steel Case
- 2-1/2" Diameter
- Bottom Mount (except where noted)

Part #	Description
8106.0607.00	Gauge, 1500 PSI, Back Mount
8106.0602.00	Gauge, 2000 PSI, Back Mount
8106.0602.50	Clamp, Universal, Gauge
8106.0613.00*	Gauge, 3000 PSI, Comet Logo
8106.0614.00*	Gauge, 4000 PSI, Comet Logo
8106.0627.00	Gauge, 5000 PSI
8106.0615.00*	Gauge, 6000 PSI, Comet Logo
8106.0618.00	Gauge, 6000 PSI, Back Mount
8106.0620.00	Gauge, 10K PSI

*Comet Logo

GEAR REDUCERS-Gas Engine



- 2.2:1 Gear Ratio
- Helical Cut Gears
- Oil Ring Seal

Part #	Description
5005.0207.00	Gear Reducer, 1", 9-20 HP
5005.0209.00	Gear Reducer, 1-1/8", 9-20 HP
5005.0236.00	Gear Reducer, 1", 25 HP
5005.0237.00	Gear Reducer, 1-1/8", 25 HP
5005.0254.00	Gear Box, 1500 RPM ELR, ELHR
5005.0255.00	Gear Box, 1900 RPM ELR, ELHR
5005.0246.00	Gear Box, 1500 RPM G & GL
5005.0247.00	Gear Box, 1800 RPM G & GL
5005.0249.00	Gear Box, 1500 RPM SL
5005.0250.00	Gear Box, 1800 RPM SL

GEAR REDUCERS-Gas Engine



8116.0204.00



Other Gear Boxes



- 2.176:1 Gear Ratio

Part #	Pump Shaft	Drive Shaft	HP
8116.0200.00	24mm (.9449")	1-1/8"	18-24
8116.0201.00	24mm (.9449")	1"	18-24
8116.0204.00*	24mm (.9449")	1"	11-18
8116.0205.00	30mm	1-1/8"	24-31

8116.0200.01 Spacer for 8116.0200.00 (4-per)
*Honda Approved

GFCI



- UL, CSA 120V/15A
- Accepts SJTW Cord

Part #	Description
0456.0116.00	GFCI, w/20' Cord
3038.0006.00	GFCI

GUNS-RL 84



- 21 GPM
- 8100 Max PSI
- 210° F Max
- 1/2" Inlet
- 1/2" Outlet

Part #	Description
8116.1608.00	Spray Gun, 21 GPM, 8100 PSI

GUNS-EXTENSION-RL 84



- 53 GPM
- 8100 Max PSI
- 230° F Max
- 1/2" Male Inlet
- 1/4" Female Outlet

Part # Description

8116.1603.10 Lance Extension, 31.5", Stainless
8116.1608.10 Lance Extension, 15.7", Stainless

GUNS-RL 57



- 7.5 GPM @ 8000 PSI
- 320° F
- 3/8" F Inlet
- 1/4" F Outlet

Part # Description

8116.1616.00 Spray Gun, 7.5 GPM @ 8000 PSI

GUNS-RL 56



- 8 GPM @ 5650 PSI
- 320° F
- 3/8" F Inlet
- 1/4" F Outlet

Part # Description

8116.1612.00 Spray Gun, Compensated

GUNS-AL 55



- 12 GPM @ 5075 PSI
- 320° F
- 3/8" Female Inlet
- 1/4" Female Outlet
- **Box Qty 50**

Part # Description

8108.8623.00 Spray Gun, 12 GPM @ 5075 PSI
MV #4012209010
8108.8623.01 Repair Kit
MV #4019900003

GUNS-MV 951, Free Flow



- 11 GPM @ 5075 PSI
- 300° F
- 3/8" Female Inlet
- 1/4" Female Outlet
- **Box Qty 20**

Part # Description

8108.1612.00 Spray Gun, Triggerless
MV #4012906000

GUNS-MV 951



- 11 GPM @ 5075 PSI
- 300° F
- 3/8" Female Inlet
- 1/4" Female Outlet
- **Box Qty 20**

Part # Description

8108.1611.00 Spray Gun, 11 GPM @ 5075 PSI
MV #4012206001
8108.1611.01 Repair Kit
MV #0200103550

GUNS-MV 951, Weep



- 11 GPM @ 5075 PSI
- 300° F
- 3/8" F Inlet
- 1/4" F Outlet
- **Box Qty 20**

Part # Description

8108.8611.00 Spray Gun, Weep
MV #4012406003
8108.8611.01 Repair Kit, Weep
MV #4019900001
8108.8612.00 Spray Gun, Low Pressure Weep
MV #4012406004
8108.8612.01 Repair Kit, Low Pressure Weep
MV #4019900000

GUNS-MV 2002, Ceramic Ball



- 10.6 GPM @ 5075 PSI
- 320° F
- 3/8" F Inlet
- 1/4" F Outlet
- **Box Qty 10**

Part # Description

8108.8608.00 Spray Gun, 10.6 GPM @ 5075 PSI
MV #0200018210
8108.8608.01 Repair Kit
MV #K00105011

GUNS-MV 2012



- 10.6 GPM @ 5075 PSI
- 320° F
- 3/8" F Inlet
- 1/4" F Outlet
- **Box Qty 10**

Part # Description

8108.8613.00 Spray Gun, 10.6 GPM @ 5075 PSI
MV #4012203008
8108.8613.01 Repair Kit
MV #4019900013

GUNS-MV 2002, Stainless Steel



- 10.6 GPM @ 5075 PSI
- 320° F
- 3/8" F Inlet
- 1/4" F Outlet

Part #	Description
8108.9037.00	Spray Gun, 11 GPM @ 5075 PSI MV #0200011510
8108.8604.01	Repair Kit MV #0200111000

GUNS-MV 2002, Swivel



- 10.6 GPM @ 5075 PSI
- 320° F
- 3/8" F Inlet
- 1/4" F Outlet

Part #	Description
8108.8614.00	Spray Gun, 11 GPM @ 5075 PSI MV #4012303010
8108.8613.01	Repair Kit MV #4019900013

GUNS-RL 30



- 10.5 GPM @ 5000 PSI
- 320° F
- 3/8" F Inlet
- 1/4" F Outlet

Part #	Description
8116.1600.00	Spray Gun
8116.1614.00	Spray Gun, Ceramic Ball

GUNS-10050



- 10 GPM @ 5000 PSI
- 300° F
- 3/8" F Inlet
- 1/4" F Outlet

Part #	Description
8402.1600.00	Spray Gun

GUNS-Horizontal



- 10 GPM @ 5000 PSI
- 300° F Max Temp.
- 3/8" F Inlet
- 1/4" F Outlet

Part #	Description
8102.1606.00	Spray Gun, Horizontal

GUNS-Linear 3



- 10.5 GPM @ 5000 PSI
- 320° F
- 3/8" F Inlet
- 1/4" F Outlet

Part #	Description
8116.1615.00	Spray Gun, Horizontal

GUNS-MV 925



- 8 GPM
- 4500 PSI
- 320° F
- 3/8" F Inlet
- 1/4" F Outlet

Part #	Description
8108.8617.00	Spray Gun MV #4012205005
8108.8618.00	Spray Gun, Swivel MV #4012305005
8108.8619.00	Spray Gun, Swivel, Heavy Duty MV #4012305011
8108.8620.00	Spray Gun, Weep MV #4012405005
8108.8621.00	Spray Gun, Weep, Low Pressure MV #4012405008

GUNS-Free Flow MV 925



- 8 GPM
- 4500 PSI
- 320° F
- 3/8" F Inlet
- 1/4" F Outlet

Part #	Description
8108.8622.00	Spray Gun, Free Flow MV #4012905001

GUNS-MV 920



- 7 GPM
- 300° F
- 3/8" F Inlet
- 1/4" F Outlet

Part #	Description
8108.8603.00	Spray Gun, 7 GPM @ 4500 PSI MV #0200009390
8108.8003.00	Spray Gun, 7 GPM @ 4000 PSI MV #0200009010
8108.1625.01	Repair Kit MV #0200109000

GUNS-RL 51



- 13.2 GPM
- 4050 PSI
- 320° F
- 3/8" F Inlet
- 1/4" F Outlet

Part #	Description
8116.1613.00	Spray Gun, RL 51

GUNS-MV 2005



- 8 GPM @ 4000 PSI
- 320° F
- 3/8" F Inlet
- 1/4" F Outlet

Part #	Description
8108.1620.00	Spray Gun, 8 GPM @ 4000 PSI MV #0200007180
8108.1620.01	Repair Kit MV #0200107100

GUNS-MV 920, M22



- 7 GPM @ 4000 PSI
- 300° F
- M22M Inlet
- M22M Outlet

Part #	Description
8108.9033.00	Spray Gun, 7 GPM @ 4000 PSI MV #0200009330
8108.1625.01	Repair Kit MV #0200109000

GUNS-MV 920 W, Weep



- 7 GPM @ 4000 PSI
- 300° F
- 3/8" F Inlet
- 1/4" F Outlet

Part #	Description
8108.1625.00	Spray Gun, 7 GPM @ 4000 PSI MV #0200009190
8108.1625.01	Repair Kit MV #0200109000

GUNS-MV 2006



**Thumb wheel
for high to
low pressure
adjustment**

- 8 GPM @ 3700 PSI
- 320° F
- 3/8" F Inlet
- 1/4" F Outlet
- **Box Qty 50**

Part #	Description
8108.8600.00	Spray Gun, 8 GPM @ 3700 PSI MV #0200006120
8108.8600.01	Repair Kit MV #0200106110

GUNS-RL 204



- 53 GPM
- 3200 PSI
- 210° F
- 1/2" F Outlet

Part #	Description
8116.1607.00	Spray Gun, RL 204, 3/4" F Inlet

GUNS-Front Entry-7027



- 10 GPM @ 3200 PSI
- 210° F
- Brass Valve Body
- 3/8" F Front Inlet
- 1/4" F Outlet

Part #	Description
8102.1601.00	Spray Gun, 10 GPM @ 3200 PSI
8102.1601.01	Repair Kit

GUNS-MV 960



- 7 GPM @ 2600
- 210° F
- 3/8" F Inlet
- 1/4" F Outlet
- **Box Qty 20**

Part #	Description
8108.9028.00	Spray Gun, 7 GPM @ 2600 PSI MV #0200004810
8108.1601.01	Repair Kit, Standard MV #0200104000

GUNS-MV 910



- 5 GPM @ 2000
- 180° F
- 1/4" M Inlet
- 1/4" F Outlet

Part #	Description
8108.1607.00	Spray Gun, 5 GPM @ 2000 PSI MV #0200006000

GUNS-RL 124



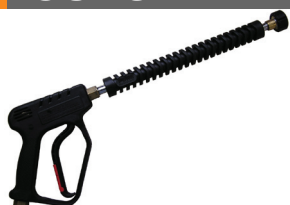
- 32 GPM
- 1950 PSI
- 210° F
- 1/2" F Inlet
- 1/2" F Outlet

Part #	Description
8116.1609.00	Spray Gun, 32 GPM, 1950 PSI

GUNS-EXTENSION-RL 124

- 26.5 GPM
- 1950 PSI
- 230° F
- 1/2" M Inlet
- 1/4" F Outlet

Part #	Description
8116.1601.10	Lance Ext., 31.5", Zinc Plated

GUNS LANCE-Molded

- 10.5 GPM @ 5000 PSI
- 320° F
- 3/8" F Inlet
- 22mm Outlet
- Brass Valve Body

Part #	Description
8102.1640.00	Gun Lance

GUN LANCE-MV 925**NEW**

- 8 GPM
- 4500 PSI
- 320° F
- 3/8" F Inlet
- M22F Outlet

Part #	Description
8108.8644.00	Spray Gun
	MV #4012205005
8108.8645.00	Spray Gun, Swivel
	MV #4012305005
8108.8646.00	Spray Gun, Swivel, Heavy Duty
	MV #4012305011

GUN LANCE-Molded

- 8 GPM @ 4000 PSI
- 200° F Max
- 3/8" QC Plug Inlet
- 24" Lance w/1/4" QC Socket Outlet
- Holds Four Additional QC Nozzles
- Includes Side Grip Handle

Part #	Description
8102.1648.50	Gun Lance

GUN LANCE-Molded, MV 920

- 7 GPM @ 4000 PSI
- 300° F Max
- Box Qty 55

Part #	Description
8108.7640.00	3/8" Inlet F x 1/4" F Outlet
	MV #0200909250
8108.7641.00	Weep, 3/8" F Inlet x 1/4" F Outlet
	MV #0200909290

GUN LANCE-Molded, MV 2009

- 7 GPM @ 3800 PSI
- 212° F Max

Part #	Description
8108.7601.00	3/8" F Inlet x M22F Outlet
	MV #0200905510
8108.7646.00	M22M Inlet x M22F Outlet
	MV #4021109002

GUN LANCE-Vented, MV 2005

- 8 GPM @ 3700 PSI
- 320° F Max
- 3/8" F Inlet
- M22F Outlet
- Box Qty 20

Part #	Description
8108.8607.00	Gun Lance, 8 GPM, 3700 PSI
	MV #0200917120

GUN LANCE-Vented, MV 2006

- 8 GPM @ 3700 PSI
- 320° F Max
- 3/8" F Inlet
- M22F Outlet
- Box Qty 5

Part #	Description
8108.9043.00	Gun Lance, 8 GPM, 3700 PSI
	MV #0200916120

GUN LANCE-Molded, MV 2008

- 7 GPM @ 3200 PSI
- 212° F Max
- Front Entry

Part #	Description
8108.7600.00	3/8" F Inlet x M22F Outlet
	MV #0200903520
8108.9039.00	M22M Inlet x M22F Outlet
	MV #4020008003

GUN LANCE-Molded, MV 970

- 7 GPM @ 3200 PSI
- 140° F Max

Part #	Description
8108.9041.00	M22M Inlet, M22F Outlet
	MV #0200907100

GUN LANCE-Hobby Kit



- Molded 36" Split Lance
- M22 Coupler
- Vari-Nozzle #3
- 25' x 1/4" 3700 PSI Steel Reinforced Rubber Hose
- Front Load Gun @ 2950 PSI

Part #	Description
8102.2600.00	Gun/Lance, Hose Assy & M22

GUNS LANCE-Jolly Lance & Gun



- 362 PSI Metal Nozzle
- 217 PSI Plastic Nozzle
- 8 GPM
- 125° F
- Box Qty 10

*Nozzles Sold Separately

Part #	Description
8108.7222.00	Lance 36.5" SS, EPDM O-Ring, Blue MV #4020009002
8108.7225.00	Lance 36.5" SS, Viton O-Ring, Red MV #4020009006
8108.7228.00	Lance 36" PVC, EPDM O-Ring, Blue MV #4020009010
8108.7231.00	Lance 36" PVC, Viton O-Ring, Red MV #4020009014
8108.7210.00	Spraygun, EPDM O-Ring, Blue MV #4010007000
8108.7211.00	Spraygun, Viton O-Ring, Red MV #4010007001

NOZZLES-Jolly Spraygun w/Lance

Part #	Description
8108.7222.10	Nozzle, 80 Deg. 010 Orange MV #4059500018
8108.7222.15	Nozzle, 80 Deg. 015 Green MV #4059500019
8108.7222.20	Nozzle, 80 Deg. 020 Yellow MV #4059500012
8108.7222.30	Nozzle, 80 Deg. 030 Blue MV #4059500013
8108.7222.40	Nozzle, 80 Deg. 040 Red MV #4059500014
8108.7222.50	Nozzle, 80 Deg. 050 Brown MV #4059500015
8108.7222.60	Nozzle, 80 Deg. 060 Gray MV #4059500016
8108.7222.80	Nozzle, 80 Deg. 080 White MV #4059500017

HOSE ASSEMBLIES-4000 PSI



- 4000 PSI Max.
- 250°F, (275°F Intermittent)
- 3/8"M Solid x 3/8"M Swivel
- Bend Restrictor on Both Ends
- Single Wire

Part #	Description
8115.0840.00	4000-25, Black, 25'
8115.0841.00	4000-50, Black, 50'
8115.0842.00	4000-100, Black, 100'
8115.0846.00	4000-25, Non-Marking Gray, 25'
8115.0847.00	4000-50, Non-Marking Gray, 50'
8115.0848.00	4000-100, Non-Marking Gray, 100'

HOSE ASSEMBLIES-6000 PSI



- 6000 PSI Max.
- 250°F, (275°F Intermittent)
- 3/8"M Solid x 3/8"M Swivel
- Bend Restrictor on Both Ends
- Double Wire

Part #	Description
8115.0854.00	6000-25, Black, 25'
8115.0855.00	6000-50, Black, 50'
8115.0857.00	6000-100, Black, 100'
8115.0858.00	6000-25, Non-Marking Gray, 25'
8115.0859.00	6000-50, Non-Marking Gray, 50'
8115.0860.00	6000-100, Non-Marking Gray, 100'

HOSE REELS-Black



8112.0802.00



8102.0802.00

Part #	Description
8112.0802.00	Hose Reel, 4000 PSI, 100'
8102.0802.00	Hose Reel, 4000 PSI, 200'

HOSE REEL-Swivel



8112.0804.00

- 4000 PSI
- 3/8" FNPT Inlet
- 3/8" MNPT Discharge



8112.0803.00

Part #	Description
8112.0804.00	Hose Reel 90° Swivel, 160° F Max
8112.0804.01	Repair kit

For Hose Reel 8112.0802.00 & 8102.0802.00

8112.0803.00	Swivel, 90°, 400° F Max
8112.0810.00	Swivel Repair Kit

For Hose Reel 8112.0801.00 (not pictured above) No Longer Available

8112.0809.00	Hose Reel Swivel, 90° 1/2" FPT Inlet x 3/8" FPT Outlet
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INJECTORS-Downstream

**MV400****MV410****MV420****MVR400****MVR410****MVR420**

- Brass Insert
- Adjustable or Fixed Flow
- 4500 PSI
- 200° F
- **Box Qty 10**

Part #	Description	Inlet	Outlet	GPM
8108.2101.00	MV400-1.6 Fixed	3/8"M	3/8"M	1-2
	MV #0203004000			
8108.2102.00	MV400-1.8 Fixed	3/8"M	3/8"M	2-3
	MV #0203004010			
8108.2103.00	MV400-2.1 Fixed	3/8"M	3/8"M	3-5
	MV #0203004020			
8108.2104.00	MV400-2.3 Fixed	3/8"M	3/8"M	5-8
	MV #0203004030			
8108.2105.00	MV410-1.6 Fixed	3/8"F	3/8"M	1-2
	MV #0203005000			
8108.2106.00	MV410-1.8 Fixed	3/8"F	3/8"M	2-3
	MV #0203005010			
8108.2107.00	MV410-2.1 Fixed	3/8"F	3/8"M	3-5
	MV #0203005020			
8108.2108.00	MV410-2.3 Fixed	3/8"F	3/8"M	5-8
	MV #0203005030			
8108.9064.00	MV420-2.1 Fixed	3/8"M	3/8"F	3-5
	MV #0203006020			
8108.2121.00	MVR400-1.6 Adj.	3/8"M	3/8"M	1-2
	MV #0203004100			
8108.2122.00	MVR400-1.8 Adj.	3/8"M	3/8"M	2-3
	MV #0203004110			
8108.2123.00	MVR400-2.1 Adj.	3/8"M	3/8"M	3-5
	MV #0203004120			
8108.2124.00	MVR400-2.3 Adj.	3/8"M	3/8"M	5-8
	MV #0203004130			
8108.2125.00	MVR410-1.6 Adj.	3/8"F	3/8"M	1-2
	MV #0203005100			
8108.2126.00	MVR410-1.8 Adj.	3/8"F	3/8"M	2-3
	MV #0203005110			
8108.2127.00	MVR410-2.1 Adj.	3/8"F	3/8"M	3-5
	MV #0203005120			
8108.2128.00	MVR410-2.3 Adj.	3/8"F	3/8"M	5-8
	MV #0203005130			
8108.9155.00	MVR420-1.8 Adj.	3/8"M	3/8"F	2-3
	MV #0203006110			
8108.2147.00	MVR420-2.1 Adj.	3/8"M	3/8"F	3-5
	MV #0203006120			
8108.2148.00	MVR420-2.3 Adj.	3/8"M	3/8"F	5-8
	MV #0203006130			

INJECTORS-Downstream



- Stainless Steel Insert
- Adjustable Chemical Injection
- 3500 PSI Max
- 212° F Max Temp
- 3/8" MPT Inlet x 3/8" MPT Outlet

Part #	Description	GPM
8402.2122.00	Injector, Adjustable 1.8 mm	2-3
8402.2123.00	Injector, Adjustable 2.1 mm	3-5
8402.2124.00	Injector, Adjustable 2.3 mm	5-8

INJECTORS-Downstream



- Stainless Steel Insert
- Adjustable
- 4500 PSI
- 200° F
- 3/8" M In/Outlet

Part #	Description	GPM
8108.2129.00	MVR400-1.6 Adj.	1 - 2
	MV #0203004140	
8108.2130.00	MVR400-1.8 Adj.	2 - 3
	MV #0203004150	
8108.9061.00	MVR400-2.1 Adj.	3 - 5
	MV #0203004160	
8108.2132.00	MVR400-2.3 Adj.	5 - 8
	MV #0203004170	

INJECTORS-Downstream



- Brass Insert
- Adjustable Hose Barb
- 4500 PSI
- 200° F
- **Box Qty 10**

Part #	Description	Inlet	Outlet	GPM
8108.8200.00	MVR410-2.1 Adj.	3/8"F	3/8"M	3-5
	MV #0203005620			
8108.8004.00	MVR400-2.1 Adj.	3/8"M	3/8"M	3-5
	MV #0203004620			

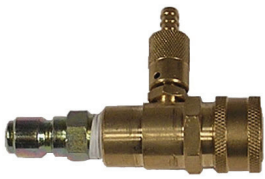
INJECTORS-Twist Conn x M22



- 4100 PSI
- 300° F
- Twist Connect Inlet
- M22M Outlet

Part #	Description	GPM
8108.2152.00	Fixed Chem. Inj., 1.8	2-3
	MV #0203007410	
8108.2151.00	Adj. Chem. Inj., 2.1	3-5
	MV #0203007220	
8108.2149.00	Adj. Chem. Inj., 2.3	5-8
	MV #0203007230	

INJECTORS-Quick Connect



- 3500 PSI Max
- 212° F Max Temp
- 3/8" QC Plug Inlet
- 3/8" QC Coupler Outlet
- Brass

Part #	Description	Size	GPM
8402.2101.00	Injector, Adjustable	1.8mm	2-3
8402.2102.00	Injector, Adjustable	2.1mm	3-5
8402.2103.00	Injector, Adjustable	2.3mm	5-8

GUIDE FOR NOZZLE SELECTION

NOZZLE		RECOMMENDED FLOW	
MM	In.	L/Min	GPM
1.6	.06	5-8	1.3-2.1
1.8	.07	8-12	2.1-3.2
2.1	.08	10-15	2.6-4.0
2.3	.09	12-18	3.2-4.8

LANCES-Dual LD MV 30



- 11 GPM
- 4060 PSI
- 300° F
- 1/4" M Inlet x F Outlet
- **Box Qty 10**

Part #	Description
8108.8100.00	Lance, 40" Chrome Plated MV #0202003020

LANCES-Dual Vented, Stainless



- 10.5 GPM
- 3600 PSI
- 300° F
- 1/4" M Inlet x F Outlet

Part #	Description
8108.1105.00	Dual Lance, 42" Stainless Steel MV #4030800001

LANCES-Dual Vented, Stainless



- 10.5 GPM
- 4000 PSI
- 300° F
- 1/4" M Inlet x F Outlet

Part #	Description
8402.1101.00	Dual Lance, 42" Stainless Steel

LANCES-Dual Vented, Zinc



- 10.5 GPM
- 4000 PSI
- 300° F
- 1/4" M Inlet x F Outlet

Part #	Description
8402.1100.00	Dual Lance, 40" Zinc Plated

LANCES-Dual Vented, Zinc



- 10.5 GPM
- 4000 PSI
- 300° F
- 1/4" M Inlet x F Outlet

Part #	Description
8108.1100.00	Dual Lance, 40" Zinc Plated MV #0202003140

LANCES-Dual



- 10.5 GPM
- 3000 PSI
- 284° F
- 1/4" M Inlet x 1/8" F Outlet

Part #	Description
8110.1101.00	Molded Grip, 36"

LANCES-Dual



- 11 GPM
- 3600 PSI
- 300° F

Part #	Description
8108.8020.00	Dual Lance, 23", M22M Inlet MV #0202004691

LANCES-Dual w/Trigger



- 10.5 GPM
- 3600 PSI
- 300° F
- 1/4" M Inlet x F Outlet

Part #	Description
8107.1110.00	Vented Grip, w/Trigger

LANCES-Molded, Zinc, Straight



- 11 GPM
- 4000 PSI
- 300° F

Part #	Description
8402.1200.00	Lance, Molded Grip 13"
8402.1201.00	Lance, Molded Grip 18"
8402.1202.00	Lance, Molded Grip 24"
8402.1203.00	Lance, Molded Grip 36"
8402.1204.00	Lance, Molded Grip 47"
8402.1205.00	Lance, Molded Grip 59"
8402.1206.00	Lance, Molded Grip 70"
8102.1207.00*	Lance, Split Grip, 79", Chrome

*Chrome-Plated

LANCES-Molded, Zinc, Straight



- MV20/B
- 11 GPM
- 4000 PSI
- 300° F Max

Part #	Description	Box Qty
8108.1200.00	Lance, Molded Grip 13" MV #0202002000	20
8108.1201.00	Lance, Molded Grip 18" MV #0202002010	20
8108.8102.00	Lance, Molded Grip 24" MV #0202002040	20
8108.1203.00	Lance, Molded Grip 36" MV #0202002060	20
8108.1204.00	Lance, Molded Grip 47" MV #0202002080	20
8108.1205.00	Lance, Molded Grip 59" MV #0202002090	10
8108.1206.00	Lance, Molded Grip 70" MV #0202002110	5
8108.1207.00	Lance, Molded Grip 79" MV #0202002100	5

LANCES-Molded, Bent



- 10.5 GPM
- 4100 PSI
- 300° F Max.
- Box Qty 30

Part #	Description
8107.1270.00	Lance, Molded, 28", Zinc Plated
8107.1271.00	Lance, Molded, 36", Zinc Plated
8107.1272.00	Lance, Molded, 47", Zinc Plated
8107.1273.00	Lance, Molded, 59", Zinc Plated
8107.1274.00	Lance, Molded, 67", Zinc Plated
8107.1275.00	Lance, Molded, 79", Zinc Plated
8107.1280.00	Lance, Molded, 28", Stainless Steel
8107.1281.00	Lance, Molded, 36", Stainless Steel
8107.1282.00	Lance, Molded, 47", Stainless Steel
8107.1283.00	Lance, Molded, 59", Stainless Steel
8107.1284.00	Lance, Molded, 67", Stainless Steel
8107.1285.00	Lance, Molded, 79", Stainless Steel

LANCES-Non-Molded, Zinc



- Seamless, Zinc Plated
- 10.5 GPM
- 4000 PSI
- 300° F
- Box Qty 50

Part #	Description
8402.1210.00	Lance, Non-Molded 12"
8402.1211.00	Lance, Non-Molded 18"
8102.1212.00*	Lance, Non-Molded 24", Chrome
8402.1213.00	Lance, Non-Molded 36"
8402.1214.00	Lance, Non-Molded 48"
8402.1216.00	Lance, Non-Molded 59"

*Chrome-Plated

LANCES-Non-Molded, Zinc



- 11 GPM
- 4000 PSI
- 300° F
- Box Qty 50

Part #	Description
8108.1210.00	Spray Lance, Non-Molded 12" MV #0113730050
8108.1211.00	Spray Lance, Non-Molded 18" MV #0113770000
8108.1212.00	Spray Lance, Non-Molded 24" MV #0113770070
8108.1213.00	Spray Lance, Non-Molded 36" MV #0113770080
8108.1214.00	Spray Lance, Non-Molded 48" MV #471111
8108.1216.00	Spray Lance, Non-Molded 59" MV #471112

LANCES-Non-Molded, Aluminum



- 11 GPM
- 4000 PSI
- 300° F

Part #	Description
8107.1222.00	Lance, Non-Molded 24"
8107.1223.00	Lance, Non-Molded 36"
8107.1224.00	Lance, Non-Molded 48"
8107.1225.00	Lance, Non-Molded 59"
8107.1226.00	Lance, Non-Molded 79"
8107.1227.00	Lance, Non-Molded 84"
8107.1228.00	Lance, Non-Molded 96"

LANCES-Vented, Bent



- 10.5 GPM
- 4100 PSI
- 300° F Max.
- 1/4" FPT Outlet
- Nozzle Holder & Protector
- **Box Qty 25**

Part #	Description
8107.1250.00	Lance, Vented, 28", Zinc Plated
8107.1251.00	Lance, Vented, 36", Zinc Plated
8107.1252.00	Lance, Vented, 47", Zinc Plated
8107.1253.00	Lance, Vented, 59", Zinc Plated
8107.1254.00	Lance, Vented, 67", Zinc Plated
8107.1255.00	Lance, Vented, 79", Zinc Plated
8107.1260.00	Lance, Vented, 28", Stainless Steel
8107.1261.00	Lance, Vented, 36", Stainless Steel
8107.1262.00	Lance, Vented, 47", Stainless Steel
8107.1263.00	Lance, Vented, 59", Stainless Steel
8107.1264.00	Lance, Vented, 67", Stainless Steel
8107.1265.00	Lance, Vented, 79", Stainless Steel

LANCES-Vented, S3



- 10.5 GPM
- 6400 PSI
- 320° F
- 1/4" M Inlet
- 1/4" F Outlet

Part #	Description
8116.1230.00	47" Stainless Steel

LANCES-Vented, S3 350



- 8 GPM
- 5650 PSI
- 320° F
- 1/4" MPT Inlet
- 1/4" FPT Outlet
- **Box Qty 8**

Part #	Description
8116.1200.00	41" Stainless Steel

LANCES-Vented Grip, Chrome



- MV 10
- 11 GPM
- 4000 PSI
- 300° F
- 1/4" Inlet
- M22M Outlet
- **Box Qty 50**

Part #	Description
8108.9044.00	Lance, 17", Single Seal M22 MV #0202000505
8108.7250.00	Lance, 17", Double Seal M22 MV #0202000500

LANCES-Two Piece



- Industrial Grade
- 10.5 GPM
- 4000 PSI
- 300° F Max.
- Molded Grip
- 1/4" MPT x M22F Twist Connect
- Zinc Plated Pipe M22M x 1/4" MPT

Part #	Description
8102.4100.00	36" Two Piece Lance w/Coupler

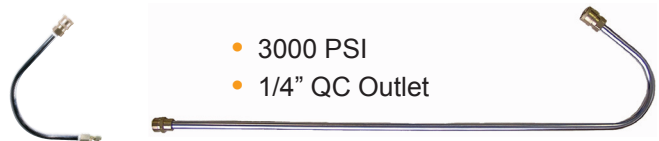
LANCES-Flex



- 10 GPM
- 2250 PSI
- 194° F

Part #	Description
8102.1900.00	Flex Lance, 18" 1/4"M x 1/4"M
8102.1901.00	Flex Lance, 18" 1/4"M x 1/8"F

LANCES-Gutter Cleaner



- 3000 PSI
- 1/4" QC Outlet

Part #	Description
8102.1653.00	Gutter Cleaner, 1/4" Plug Inlet, 7"
8102.1656.00	Gutter Cleaner, M22M Inlet, 29"

LANCES-Straight, M22



- Seamless, Chrome-Plated
- 10.5 GPM
- 4000 PSI
- 300° F Max.

Part #	Description
8102.1650.00	Lance, 18", M22M x 1/4" FPT

LANCES-Extensions



- 3200 PSI
- 140° F
- M22M Inlet
- Hi-Lo Outlet
- Stainless Steel

Part #	Description
8108.7252.00	Lance, 16.3" w/Idro-Jet Blue Dot MV #0202000740
8108.7253.00	Lance, 23.6" w/Idro-Jet No Dot MV #0202000750

LANCES-Extensions



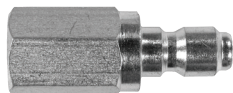
- 5075 PSI
- 140° F
- M22M Inlet
- Stainless Steel

Part #	Description
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8108.7251.00	Lance, Extension, 18.5" MV #0202000700
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8102.1651.00	Lance, Extension, 18"
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LANCES-Wand Saver, Fitting



- 10 GPM
- 4000 PSI
- 212° F

Part #	Description
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8402.1328.00	1/4" QC x 1/4" F
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LANCES-Side Handle



Part #	Description
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8102.1248.00	Rubber Handle for 1/4" Lance
8402.1249.00	Rubber Handle for 1/2" Lance
8102.1249.00	Rubber Handle with "C" Clamp
8102.1247.00	Plastic Handle with "C" Clamp
8108.1247.00	Plastic Handle with "C" Clamp
8102.1247.01	"C" Clamp

LANCES-Telescoping

- Heavy Duty Pole
- 8 GPM
- 4000 PSI
- 200° F

Fiberglass



Part #	Description
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8102.1001.70	Wand, Yellow, 12-foot
8102.1002.70	Wand, Yellow, 18-foot
8102.1003.70	Wand, Yellow, 24-foot
8102.1003.50*	Four Section, 24-foot
8104.1050.00	Telescoping Wand Support Belt

***Saves shipping cost for two or more**

Part #	Repair Parts
--------	--------------

8102.1001.01	Gun, Screw-in, New Style
8102.1050.01	Repair Kit for New Style Gun
8102.1050.00	Gun, Glue-on, Old Style
8102.1054.00	Pole Lock, Large
8102.1001.04	Pole Lock, Small
8102.1002.30	Pole Lock, Large, Lever Lock
8102.1002.31	Pole Lock, Small, Lever Lock
8102.1001.10	Twist Connect Fitting
8102.1056.00	1/4" MNPT 8° Angled Plug

***Other Parts Available Upon Request**

NOZZLE-Adjustable



- 8 GPM
- 3000 PSI
- 300° F
- **Box Qty 5**

Part #	Repair Parts
--------	--------------

8108.9072.00	Nozzle, 1/4" FPT Inlet & Outlet MV # 0204001210
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NOZZLE-Adjustable, Tip Holder



- 3625 PSI
- 302° F
- 1/4" Threading
- Pressure Adjustment for Chemical Application
- **Box Qty 25**

Part #	Repair Parts
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8402.1450.00	Spray Tip Holder w/o Protector
8402.1451.00	Spray Tip Holder with Protector

NOZZLE-Adjustable, Tip Holder



- 8 GPM
- 4060 PSI
- 320° F
- **Box Qty 15**
- 1/4" Inlet/Outlet

Part #	Repair Parts
--------	--------------

8108.7450.00	Spray Tip Holder with Protector MV #0204009800
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NOZZLE-Protector



- 300° F
- **Box Qty 20**

Part #	Repair Parts
--------	--------------

8108.8002.00	Nozzle Protector MV #0183740020
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NOZZLE-Protector



- 4500 PSI
- 300° F
- **Box Qty 50**

Part #	Repair Parts
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8108.9159.00	Nozzle, 1/4" Inlet, 1/8" Outlet MV #0183000000
8402.1452.00	Nozzle, 1/4" Inlet, 1/4" Outlet MV #0183000010

NOZZLE-Protector Kit M18



- 12 GPM
- 3600 PSI
- 300° F
- Box Qty 10
- 1/4" Inlet

Part #	Repair Parts
8108.9024.00	Karcher Nozzle Holder MV #0183000080

NOZZLE-Protector MV 114



- 16 GPM
- 5075 PSI
- 300° F
- Box Qty 20

Part #	Repair Parts
8108.9151.00	Nozzle, 1/4" Inlet, 1/4" Outlet MV #0183000020

NOZZLE-Chemical & Soap



- Low Pressure
- Chemical Nozzle

Part #	Description
8113.3160.00	Nozzle 1/4" QC, 65°, #40, Brass
8113.3162.00	Nozzle 1/4" QC, 65°, #40, Plastic
8102.2610.00	Nozzle 1/4" NPT 40°, #30, Brass

NOZZLES-Meg, 7250 PSI



Part #	Description	Orifice	Degree
8116.1038.40	Nozzle, Meg	038	40
8116.1040.00	Nozzle, Meg	040	0
8116.1040.15	Nozzle, Meg	040	15
8116.1049.40	Nozzle, Meg	049	40
8116.1050.00	Nozzle, Meg	050	0
8116.1050.15	Nozzle, Meg	050	15
8116.1055.00	Nozzle, Meg	055	0
8116.1055.15	Nozzle, Meg	055	15
8116.1055.40	Nozzle, Meg	055	40

*See Nozzle Formulas on Page 80 for Sizing

NOZZLE-QC & Meg



- High Grade Stainless Steel
- 1/4" QC Plug of Meg Connector



Part #	Description
8113.1XXX.YY	Quick Disconnect Spray Nozzle
8114.1XXX.YY	Meg Spray Nozzle

*Complete Below Part # Using Table

Orifice	0° Red	15° Yellow	25° Green	40° White
2.0	1020.00	1020.15	1020.25	1020.40
2.5	1025.00	1025.15	1025.25	1025.40
3.0	1030.00	1030.15	1030.25	1030.40
3.5	1035.00	1035.15	1035.25	1035.40
4.0	1040.00	1040.15	1040.25	1040.40
4.5	1045.00	1045.15	1045.25	1045.40
5.0	1050.00	1050.15	1050.25	1050.40
5.5	1055.00	1055.15	1055.25	1055.40
6.0	1060.00	1060.15	1060.25	1060.40
6.5	1065.00	1065.15	1065.25	1065.40
7.0	1070.00	1070.15	1070.25	1070.40
7.5	1075.00	1075.15	1075.25	1075.40
8.0	1080.00	1080.15	1080.25	1080.40
8.5	1085.00	1085.15	1085.25	1085.40
9.0	1090.00	1090.15	1090.25	1090.40
9.5	1095.00	1095.15	1095.25	1095.40
10.0	1100.00	1100.15	1100.25	1100.40

NOZZLE-QC 5 Pack



Part #	Description
8113.1030.99	Nozzle Kit 030
8113.1035.99	Nozzle Kit 035
8113.1040.99	Nozzle Kit 040
8113.1045.99	Nozzle Kit 045
8113.1050.99	Nozzle Kit 050
8113.1055.99	Nozzle Kit 055
8113.1060.99	Nozzle Kit 060

*Other sizes available upon request

NOZZLES-Rotating Rotomax™



- 176° F Max
- 1/4" FPT Inlet
- See Descriptions for Sizing

Part #	Description
8110.1401.00	(Red) 2.1-2.6 GPM, 1450-3500 PSI
8110.1402.00	(Blue) 2.9-4.0 GPM, 1450-3500 PSI
8110.1403.00	(Black) 4.2-5.5 GPM, 1450-3500 PSI

NOZZLES-Rotating 2500



- Economy Rotating Nozzle
- 2500 PSI
- 140° F
- 1/4" F Inlet

Part #	Description
8111.1444.00	ROTOJET 025 Orifice Lt. Green MV #0204007900
8111.1440.00	ROTOJET 030 Orifice Yellow MV #0204007910
8111.1441.00	ROTOJET 035 Orifice Black MV #0204007920
8111.1442.00	ROTOJET 040 Orifice Blue MV #0204007930
8111.1443.00	ROTOJET 045 Orifice Dark Green MV #0204007940

NOZZLES-Rotating UR25



- 1.6 GPM Min (03-1150 PSI)
- 7.7 GPM Max (08-3600 PSI)
- 3650 PSI
- 212° F Max.
- 1/4" F Inlet
- **Box Qty 5**

Repair kits on page 68

Part #	Description	Orifice
8116.1430.50	UR25 Replacement Cover	
8116.1430.00	UR Nozzle 3650-030	030
8116.1431.00	UR Nozzle 3650-035	035
8116.1432.00	UR Nozzle 3650-040	040
8116.1433.00	UR Nozzle 3650-045	045
8116.1434.00	UR Nozzle 3650-050	050
8116.1435.00	UR Nozzle 3650-055	055
8116.1436.00	UR Nozzle 3650-060	060
8116.1437.00	UR Nozzle 3650-065	065
8116.1438.00	UR Nozzle 3650-070	070
8116.1439.00	UR Nozzle 3650-080	080

NOZZLES-Rotating 3700 PSI



- Concentrated Straight Stream in a Conical Pattern
- 3700 PSI
- 210° F Max.
- 1/4" F Inlet
- **Box Qty 5**

Part #	Description	Orifice
8111.1429.00	ROTOJET 3700-030	030
	MV #0204007320	
8111.1430.00	ROTOJET 3700-035	035
	MV #0204007330	
8111.1431.00	ROTOJET 3700-040	040
	MV #0204007340	
8111.1432.00	ROTOJET 3700-045	045
	MV #0204007350	
8111.1433.00	ROTOJET 3700-050	050
	MV #0204007360	
8111.1434.00	ROTOJET 3700-055	055
	MV #0204007370	
8111.1435.00	ROTOJET 3700-060	060
	MV #0204007380	
8108.9092.00	ROTOJET 3700-065	065
	MV #0204007390	
8108.9093.00	ROTOJET 3700-070	070
	MV #0204007400	
8111.1436.00	ROTOJET 3700-080	080
	MV #0204007420	

ROTOJET 3600 Repair Kits



Part #	Description
8111.1429.01	ROTOJET 3700-030 Kit MV #0204107320
8111.1430.01	ROTOJET 3700-035 Kit MV #0204107330
8111.1431.01	ROTOJET 3700-040 Kit MV #0204107340
8111.1432.01	ROTOJET 3700-045 Kit MV #0204107350
8111.1433.01	ROTOJET 3700-050 Kit MV #0204107360
8111.1434.01	ROTOJET 3700-055 Kit MV #0204107370
8111.1435.01	ROTOJET 3700-060 Kit MV #0204107380
8108.9111.00	ROTOJET 3700-065 Kit MV #0204107390
8108.9112.00	ROTOJET 3700-070 Kit MV #0204107400
8111.1436.01	ROTOJET 3700-080 Kit MV #0204107420

NOZZLES-Rotating, Yellow



- 3700 PSI
- 212° F
- 1/4" F Inlet

Part #	Description
8108.9091.00	Nozzle, 030 MV #0204007325
8108.8470.00	Nozzle, 040 MV #0204007345
8108.8005.00	Nozzle, 070 MV #0204007405
8108.9026.00	Cover MV #0183740450

NOZZLES-Rotating



- 4000 PSI
- 212° F
- 1/4" F Inlet

Part #	Description
8402.1401.00	Nozzle, 035
8402.1402.00	Nozzle, 040
8402.1403.00	Nozzle, 045
8402.1404.00	Nozzle, 050
8402.1405.00	Nozzle, 055
8402.1406.00	Nozzle, 060

NOZZLES-Rotating TPL



- 4200 PSI
- 194° F
- 1/4" F Inlet
- Box Qty 5

Part #	Description
8111.1470.00	Nozzle, 1.00, 027, Gray MV #0204009900
8111.1471.00	Nozzle, 1.10, 033, Red MV #0204009910
8111.1472.00	Nozzle, 1.20, 040, Yellow MV #0204009920
8111.1473.00	Nozzle, 1.30, 045, Green MV #0204009930
8111.1474.00	Nozzle, 1.40, 052, Blue MV #0204009940

NOZZLES-Rotating 4500 PSI



- Concentrated Straight Stream in a Conical Pattern
- 4500 PSI
- 210° F Max.
- 1/4" F Inlet
- Box Qty 5

Part #	Description	Orifice
8111.1456.00	ROTOJET 4500-030 MV #0204006500	030
8111.1457.00	ROTOJET 4500-035 MV #0204006505	035
8111.1450.00	ROTOJET 4500-040 MV #0204006510	040
8111.1451.00	ROTOJET 4500-045 MV #0204006515	045
8111.1452.00	ROTOJET 4500-050 MV #0204006520	050
8111.1453.00	ROTOJET 4500-055 MV #0204006525	055
8111.1454.00	ROTOJET 4500-060 MV #0204006530	060
8108.9083.00	ROTOJET 4500-065 MV #0204006535	065
8111.1455.00	ROTOJET 4500-070 MV #0204006540	070

NOZZLES-Kits 4500 PSI

ROTOJET 4500 Repair Kits



Part #	Description
8111.1456.01	ROTOJET 4500-030 Kit MV #0204106500
8111.1457.01	ROTOJET 4500-035 Kit MV #0204106505
8111.1450.01	ROTOJET 4500-040 Kit MV #0204106510
8111.1451.01	ROTOJET 4500-045 Kit MV #0204106515
8111.1452.01	ROTOJET 4500-050 Kit MV #0204106520
8111.1453.01	ROTOJET 4500-055 Kit MV #0204106525
8111.1454.01	ROTOJET 4500-060 Kit MV #0204106530
8111.1455.01	ROTOJET 4500-070 Kit MV #0204106540

NOZZLES-Rotating 5800 PSI



- 5800 PSI
- 200° F Max.
- 1/4" F Inlet
- **Box Qty 5**

- Concentrated Straight Stream in a Conical Pattern

Part #	Description	Orifice
8111.1400.00	ROTOJET 5800-030 MV #0204006900	030
8111.1401.00	ROTOJET 5800-035 MV #0204006905	035
8111.1402.00	ROTOJET 5800-040 MV #0204006910	040
8111.1403.00	ROTOJET 5800-045 MV #0204006915	045
8111.1404.00	ROTOJET 5800-050 MV #0204006920	050
8111.1405.00	ROTOJET 5800-055 MV #0204006925	055
8111.1406.00	ROTOJET 5800-060 MV #0204006930	060
8108.9087.00	ROTOJET 5800-065 MV #0204006935	065
8111.1407.00	ROTOJET 5800-070 MV #0204006940	070
8108.9088.00	ROTOJET 5800-075 MV #0204006945	075
8111.1408.00	ROTOJET 5800-080 MV #0204006950	080
8111.1410.00	ROTOJET 5800-090 MV #0204006960	090
8111.1411.00	ROTOJET 5800-100 MV #0204006970	100
8111.1412.00	ROTOJET 5800-110 MV #0204006980	110
8111.1409.00	ROTOJET 5800-120 MV #0204006990	120
8108.7001.00	ROTOJET 5800-140 MV #0204007010	140
8111.1413.00	ROTOJET 5800-150 MV #0204007020	150
8108.9090.00	ROTOJET 5800-200 MV #0204007070	200

NOZZLES-Kits 5800 PSI

ROTOJET 5800 Repair Kits



Part #	Description
8111.1400.01	ROTOJET 5800-030 Kit MV #0204106900
8111.1401.01	ROTOJET 5800-035 Kit MV #0204106905
8111.1402.01	ROTOJET 5800-040 Kit MV #0204106910
8111.1403.01	ROTOJET 5800-045 Kit MV #0204106915
8111.1404.01	ROTOJET 5800-050 Kit MV #0204106920
8111.1405.01	ROTOJET 5800-055 Kit MV #0204106925
8111.1406.01	ROTOJET 5800-060 Kit MV #0204106930
8111.1407.01	ROTOJET 5800-070 Kit MV #0204106940
8108.9108.00	ROTOJET 5800-075 Kit MV #0204106945
8111.1408.01	ROTOJET 5800-080 Kit MV #0204106950
8111.1410.01	ROTOJET 5800-090 Kit MV #0204106960
8111.1411.01	ROTOJET 5800-100 Kit MV #0204106970
8111.1412.01	ROTOJET 5800-110 Kit MV #0204106980
8111.1409.01	ROTOJET 5800-120 Kit MV #0204106990
8108.7001.01	ROTOJET 5800-140 Kit MV #0204107010
8111.1413.01	ROTOJET 5800-150 Kit MV #0204107020
8108.9109.00	ROTOJET 5800-200 Kit MV #0204107070

Gallons per Minute Nozzle size for Rotating Nozzles

PSI	030	035	040	045	050	055	060	070	080	120
3000	2.60	3.03	3.46	3.90	4.33	4.76	5.20	6.06	6.93	10.39
3700	2.89	3.37	3.85	4.33	4.81	5.29	5.77	6.73	7.69	11.54
4000	3.00	3.50	4.00	4.50	5.00	5.50	6.00	7.00	8.00	12.00
4500	3.18	3.71	4.24	4.77	5.30	5.83	6.36	7.42	8.49	12.73
5000	3.35	3.91	4.47	5.03	5.59	6.15	6.71	7.83	8.94	13.42
5800	3.61	4.21	4.82	5.42	6.02	6.62	7.22	8.43	9.63	14.45

NOZZLES-Rotating UR32



- 2.4 GPM Min (03-2600 PSI)
- 9.0 GPM Max (08-5100 PSI)
- 5100 PSI
- 212° F Max.
- 1/4" F Inlet
- **Box Qty 5**

Part #	Description	Orifice
8116.1450.50	UR32 Replacement Cover	
8116.1450.00	UR Nozzle 5100-030	030
8116.1451.00	UR Nozzle 5100-035	035
8116.1452.00	UR Nozzle 5100-040	040
8116.1453.00	UR Nozzle 5100-045	045
8116.1454.00	UR Nozzle 5100-050	050
8116.1455.00	UR Nozzle 5100-055	055
8116.1456.00	UR Nozzle 5100-060	060
8116.1457.00	UR Nozzle 5100-065	065
8116.1458.00	UR Nozzle 5100-070	070
8116.1459.00	UR Nozzle 5100-080	080

UR Nozzle Repair Kits

Part #	Description
8116.1430.01	UR Nozzle Repair Kit 030
8116.1431.01	UR Nozzle Repair Kit 035
8116.1432.01	UR Nozzle Repair Kit 040
8116.1433.01	UR Nozzle Repair Kit 045
8116.1434.01	UR Nozzle Repair Kit 050
8116.1435.01	UR Nozzle Repair Kit 055
8116.1436.01	UR Nozzle Repair Kit 060
8116.1437.01	UR Nozzle Repair Kit 065
8116.1438.01	UR Nozzle Repair Kit 070
8116.1439.01	UR Nozzle Repair Kit 080

NOZZLES-Rotating



- 7250 PSI
- 210° F Max.
- 1/4" F Inlet

Part #	Description
8108.8460.00	Nozzle, 030 MV #0204006800
8108.8460.01	Repair Kit, Nozzle, 030 MV #4059900000
8108.9084.00	Nozzle, 050 MV #0204006820
8108.9084.01	Repair Kit, Nozzle, 050 MV #4059900004
8108.9085.00	Nozzle, 070 MV #0204006840
8108.9085.01	Repair Kit, Nozzle, 070 MV #4059900008
8108.9086.00	Nozzle, 080 MV #0204006850
8108.9086.01	Repair Kit, Nozzle, 080 MV #4059900010

*See Nozzle Formulas on Page 80 for Sizing

NOZZLES-Vari Hi/Lo Idro-Jet 2



- Twist Spray Angle Adjustment
- Push/Pull Pressure Adjustment
- 8 GPM
- 3200 PSI
- 300° F Max.
- **Box Qty 10**

- Orifices change .00 to .01
- Dots change .00 to .02

Part #	Description
8108.1419.00	Nozzle Replacement Body MV #0204200040
8108.1420.00	030 Orifice, Yellow Dot MV #0204008000
8108.1421.00	035 Orifice, White Dot MV #0204008010
8108.1422.00	037 Orifice, Red Dot MV #0204008020
8108.1423.00	040 Orifice, Blue Dot MV #0204008030
8108.1424.00	042 Orifice, Brown Dot MV #0204008040
8108.1425.00	045 Orifice, Orange Dot MV #0204008050
8108.1426.00	050 Orifice, Green Dot MV #0204008060
8108.1427.00	055 Orifice, Lt. Blue Dot MV #0204008070
8108.1428.00	058 Orifice, Black Dot MV #0204008080
8108.1429.00	060 Orifice, Gray Dot MV #0204008090
8108.1430.00	065 Orifice, Dk. Green Dot MV #0204008100

REPLACEMENTS-Idro-Jet 2

Part #	Description
8108.14XX.01	Orifice for HiLo Nozzles
8108.14XX.02	Dots for HiLo Nozzles

NOZZLES-Variable Hi/Lo



- 3000 PSI
- 300° F
- 1/4" Inlet
- With Inscriptions

Part #	Description
8108.9094.00	Nozzle, 027, Violet MV #0204008800
8108.9095.00	Nozzle, 030, Yellow MV #0204008805
8108.9096.00	Nozzle, 035, White MV #0204008810
8108.8401.00	Orifice, 027 MV #0124720280

Sizing Chart for Hi-Lo Vari Nozzles

NOZZLE		PRESSURE - PSI											
#	Dia. MM	600	700	800	900	1000	1200	1500	1800	2000	2500	3000	3200
028	1.15	1.08	1.17	1.25	1.33	1.40	1.53	1.71	1.88	1.98	2.21	2.42	2.50
030	1.20	1.16	1.25	1.34	1.42	1.50	1.64	1.84	2.01	2.12	2.37	2.60	2.68
035	1.30	1.36	1.46	1.57	1.66	1.75	1.92	2.14	2.35	2.47	2.77	3.03	3.13
037	1.35	1.43	1.55	1.65	1.76	1.85	2.03	2.27	2.48	2.62	2.93	3.20	3.31
040	1.38	1.55	1.67	1.79	1.90	2.00	2.19	2.45	2.68	2.83	3.16	3.46	3.58
042	1.40	1.63	1.76	1.88	1.99	2.10	2.30	2.57	2.82	2.97	3.32	3.64	3.76
045	1.45	1.74	1.88	2.01	2.13	2.25	2.46	2.76	3.02	3.18	3.56	3.90	4.02
050	1.50	1.94	2.09	2.24	2.37	2.50	2.74	3.06	3.35	3.54	3.95	4.33	4.47
055	1.55	2.13	2.30	2.46	2.61	2.75	3.01	3.37	3.69	3.89	4.35	4.76	4.92
058	1.60	2.25	2.43	2.59	2.75	2.90	3.18	3.55	3.89	4.10	4.59	5.02	5.19
060	1.65	2.32	2.51	2.68	2.85	3.00	3.29	3.67	4.02	4.24	4.74	5.20	5.37
065	1.70	2.52	2.72	2.91	3.08	3.25	3.56	3.98	4.36	4.60	5.14	5.63	5.81

Gallons per Minute

NOZZLE-Vari Hi/Lo Idro-Jet



- 3200 PSI
- 300° F
- Finger Protection
- Hi/Lo Variable Spray

Part #	Description
8108.9067.00	Nozzle, 030, Yellow MV #0204001005
8108.9068.00	Nozzle, 035, White MV #0204001010
8108.9069.00	Nozzle, 040, Blue MV #0204001020
8108.9071.00	Nozzle, 050, Green MV #0204001035

NOZZLES-Sewer



- 300° F
- Stainless Steel
- Forward Blast to Clear Debris
- Backward Blast to Flush

Part #	Description
8108.3009.00	1/4 FPT, 5000 PSI, Size #4.0 MV #0124722240
8402.3010.00	1/4 FPT, 4000 PSI, Size #4.5
8402.3011.00	1/4 FPT, 4000 PSI, Size #6.5
8402.3012.00	1/4 FPT, 4000 PSI, Size #11
8108.3109.00	1/8 FPT, 5000 PSI, Size #4.0 MV #0124722200
8402.3110.00	1/8 FPT, 4000 PSI, Size #4.5
8402.3111.00	1/8 FPT, 4000 PSI, Size #6.5
8402.3112.00	1/8 FPT, 4000 PSI, Size #11

OIL-Comet Pumps



- Specially Formulated for use in all High-Pressure Industrial Piston Pumps
- Universal Tractor Transmission Oil (UTTO)
- 30 Wt. Non-Detergent & Non-Foaming

Part #	Description
8102.1801.00	Pump Oil, 32 oz. Bottle
8102.1802.00	Pump Oil, Case of 12 Bottles

Comet Industrial Pump Oil is a special formulated non-detergent, non-foaming oil, which is AW100 rated for superior oxidation protection. Comet recommends changing pump oil after the initial 50 hours of operation and every 300 hours thereafter.

OIL-HPP Pumps

Part #	Description
8102.1811.00	Pump Oil, 2.5 Gal. Bottle
8102.1812.00	Pump Oil, Case of 2 Bottles

PACKING EXTRACTOR



- For Comet™ Pumps
- Slide Hammer

Part #	Description
0899.0004.00	Extractor Tool, 15 & 18mm
0899.0005.00	Extractor Tool, 20, 22 & 25mm
0899.0006.00	Extractor Hammer
0899.0007.00	Extractor Kit

PACKING INSERTION



- Increase Efficiency in Pump Repair
- Industrial Grade Materials

Part #	Description
3335.0023.00	Packing Kit LW, ZW, FW & HW

PULSATION DAMPENERS



- 3100 PSI
- 580 PSI Precharge
- 180° F Max.

Part #	Description
8107.3200.00	Accumulator, .02 Gal., 3/8" FPT Flow 0-6.6 GPM
8107.3201.00	Accumulator, .09 Gal., 1/2" FPT Flow 6.6-18.5 GPM
8107.3202.00	Accumulator, .09 Gal., 3/8" FPT Flow 6.6-18.5 GPM

SAND BLASTER-Wet, Industrial



- 10 GPM Maximum
- 3 GPM Minimum
- Up to 3500 PSI use 15° tip
- 3500-5500 PSI use 0° tip
- 1500 PSI Minimum Working Pressure

*Other replacement parts available upon request

Part #	Description
8103.1901.00	Wet Sand Blast Kit, Complete
8103.1903.00	Tungsten Carbide Nozzle
8103.1913.00	Tip Adapter

SAND BLASTER-Commercial



- 11 GPM
- 3600 PSI
- 200°

*Other replacement parts available upon request

Part #	Description
8108.1901.00	TS33-1.4 Head Assy 1.4 mm MV #0204005020
8108.1903.00	TS33-1.6 Head Assy 1.6 mm MV #0204005040
8108.1905.00	Sand Blast Suction Tube MV #0213000000
8108.1902.02	Pressure Nozzle, 1.5 mm MV #0124720330
8108.1902.01	Alignment Nozzle, 1.5 mm MV #0124710270

SLUDGE PUMPS



- 4.8 GPM
- 3700 PSI
- 300° F Max.
- 20' Hose; 35mm ID

Part #	Description
8000.4000.35	Sludge Pump, 035 Nozzle MV #0213000500
8000.4000.40	Sludge Pump, 040 Nozzle
8000.4000.45	Sludge Pump, 045 Nozzle MV #0213000510
8000.4000.50	Sludge Pump, 050 Nozzle MV #0213000520
8000.4000.55	Sludge Pump, 055 Nozzle MV #0213000530

Part #	Description
Sludge Pumps Without Hose	
8108.7019.00	Sludge Pump, 035 w/o Hose MV #0213000600
8108.9132.00	Sludge Pump, 045 w/o Hose MV #0213000610
8108.7020.00	Sludge Pump, 050 w/o Hose MV #0213000620
8108.9133.00	Sludge Pump, 055 w/o Hose MV #0213000630
8108.7021.00	Sludge Pump, 060 w/o Hose MV #0213000640
8000.4000.90	Clamp
8000.4000.95*	Hose, Sludge Pump
*Can be ordered to specific length up to 100'	

SURFACE CLEANER-12"



- 8 GPM
- 4000 PSI
- 180° F

Part #	Description
8102.2407.00	Surface Cleaner, 12"

SURFACE CLEANER-Whirl-A-Way



- 8 GPM Max.
- 4000 PSI Max.
- 180° F
- UV Resistant Dome
- Rebuildable Swivel
- Industrial Duty

Part #	Description
8102.2401.00	Surface Cleaner, 16" Dia., w/Brush
Replacement Parts	
8102.2454.00	16 Rotary Head
8102.2470.01	Trigger Gun 16
8102.2462.00	16 Skirt, Nylon
8102.2450.00	16 Rotary Head Mounting Bracket
8102.2461.00	Replacement Hose

*For additional parts contact Comet

SURFACE CLEANER-3000 PSI



- 4 GPM
- 3000 PSI
- 140° F
- M22M Inlet
- 035 Nozzle

Part #	Description
8108.8012.00	Surface Cleaner, w/Wheels MV #0207002013
8108.8012.01	Nozzle, Surface Cleaner 15015 MV #0124720842
8108.8010.00	Surface Cleaner, No Wheels MV #0207000013
8108.9006.00	Spray Bar, Surface Cleaner 045 MV #0109000340
8108.8014.00	Wheel Replacement Kit MV #0207102010
8108.8013.00	Wheel Conversion Kit MV #0207102000
8108.9008.00	Brush for 8108.8012.00 MV #0109740160
8108.9007.00	Brush for 8108.8010.00 MV #0109740090

SWITCHES-Flow, MV 60



- 8 GPM
- 5660 PSI
- 176° F Max Fluid
- 167° F Max Environment
- 12v - 250v, 3 Amp
- 3/8" F In/Outlet
- 62" Cable
- **Box Qty 20**

Part #	Description
8108.2211.00	Flow Switch, Horizontal MV #4090200002
8108.2210.00	Flow Switch, Vertical MV #4090200001
8108.2209.00	Replacement Reed Switch MV #0199700000

SWITCHES-Pressure PR16



- 4050 PSI
- 165° F
- 12v - 250v, 16 Amp
- 580 PSI Switching Pressure
- 3/8" M In/Outlet
- 39" Cable
- **Box Qty 20**

Part #	Description
8116.2203.00	Switch, Pressure, Black

SWITCHES-Pressure PS6



- 3-Wire Design, 47" Cable
- 4060 PSI
- 195° F Max Fluid
- 167° F Max Environment
- 12v - 250v, 16 Amp
- 218, 363 & 652 PSI Switching Pressure
- **Box Qty 20**

Part #	Description
8108.2203.00	Switch, 218 PSI, 1/4" M, Blue MV #0205007000
8108.2204.00	Switch, 218 PSI, 3/8" M, Blue MV #4090002001
8108.2205.00	Switch, 363 PSI, 1/4" M, Red MV #0205007010
8108.2206.00	Switch, 363 PSI, 3/8" M, Red MV #0205007030
8108.2207.00	Switch, 652 PSI, 1/4" M, Black MV #0205007020
8108.2208.00	Switch, 652 PSI, 3/8" M, Black MV #0205007040

SWITCHES-Vacuum



- 131° F Max Fluid
- 180° F Max Environment
- 1/4" FNPT Port
- 230v, 16 Amp
- **Box Qty 60**

***For Water use Only**

Part #	Description
8107.2211.00	Vacuum Switch, (Size 1.5)
8107.2212.00	Vacuum Switch, (Size 2.0)
8107.2213.00	Vacuum Switch, (Size 2.5)
8107.2216.00	Vacuum Switch, (Size 4.0)
8107.2217.00	Vacuum Switch, (Size 4.5)

SWIVEL-High Pressure



- 10.5 GPM Max.
- 5650 PSI Max.
- 320° F Max, Rated (For Short Periods)
- 194° F Max, Working Temp (Continuous Use)
- 3/8" MNPT x 3/8" FNPT
- **Box Qty 10**

Part #	Description
8116.3503.00	Swivel, Straight, Stainless Steel

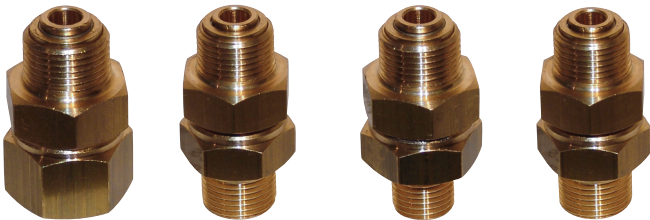
SWIVEL-High Pressure



- 10.5 GPM Max.
- 4100 PSI
- 300° F Max
- 3/8" F x 3/8" M
- **Box Qty 20**

Part #	Description
8402.3501.00	Swivel, High Pressure, Brass

SWIVEL-SW Pro



- 8 GPM • 3650 PSI • 302° F • Brass • **Box Qty 10**
- ***Turns Easily Under Pressure*****

Part #	Description
8108.8350.00	Swivel, Brass, 3/8" M x 3/8" F MV #4100801004
8108.8351.00	Swivel, Brass, 3/8" M x 3/8" M MV #4100801005
8108.8352.00	Swivel, Brass, 3/8" M x 1/4" M MV #4100801006
8108.8353.00	Swivel, Brass, 3/8" M x M22-1.5 MV #4100801007

SWIVEL-High Pressure



- 10.5 GPM Max.
- 4050 PSI
- 320° F Max, Rated (For Short Periods)
- 194° F Max, Working Temp (Continuous Use)
- 3/8" MBSP x 3/8" FBSP
- **Box Qty 10**

Part #	Description
8116.3501.00	Swivel, Straight, Brass

SWIVEL-SW ECO



- 11 GPM
- 3200 PSI
- 300°F

Part #	Description
8108.9126.00	Coupler, 3/8" MPT x 3/8" FPT MV #0212006010

SWIVEL-Nozzle



- 1500 PSI
- Brass
- **Box Qty 100**

Part #	Description
8102.6015.00	Swivel, Nozzle

SWIVEL-SW Std



- 8 GPM
- 4500 PSI
- 302° F Max
- Brass
- **Box Qty 10**

Part #	Description
8108.8354.00	Swivel, 3/8" M x 3/8" F MV #371703

TAPE-Teflon



- Better Sealing of Threaded Connections
- High Quality
- 1/2" Rolls
- 480" Length
- **Box Quantity 12**

Part #	Description
8102.2900.00	Teflon Tape, Roll

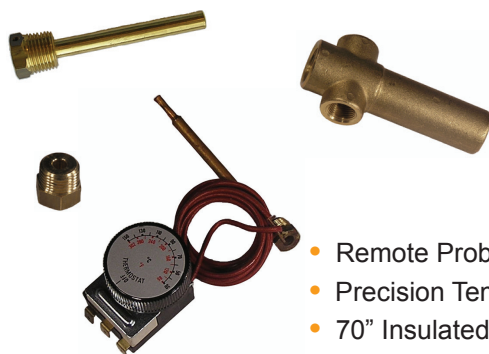
TERMINATOR-Thermo Engine



- 4000 PSI
- For DC Current Only
- Shuts Engine Down When Pump Hits 145° F

Part #	Description
8104.0001.00	Thermo Engine Terminator

THERMOSTAT



- 1/2" BSP Probe
- 4000 PSI
- 250v
- 15 Amp
- Remote Probe Design
- Precision Temperature Control
- 70" Insulated Cap Tube

Part #	Description
3230.0037.00	194 Degree, 194° F
3230.0036.00	250 Degree, 250° F
3230.0035.00	302 Degree, 302° F
8107.2320.00	Well 1/2" F Top, 3/8" x 3
8107.2307.00	Probe Sheath
2000.0125.00	Bushing, Brass 1/2" NPT

THREAD LOCK



- Replacement for Loctite
- Medium Strength
- **Box Qty 10**

Part #	Description
8108.3600.00	Medium 100-200 lbs., 250 ML MV #0000007013

THROTTLE CONTROL



- 4000 PSI
- 1000 PSI Actuation Pressure
- 145° F Max.
- 3/8" NPT Inlet, 42" Cable

Part #	Description
8102.2701.00	Throttle Control Kit
8102.2701.01	Repair Kit

UNLOADER-VB-60/600 Zero



- 2.4 GPM Min
- 16 GPM Max
- 8700 PSI
- 195° F
- 1/2" F In/Outlet
- 1/2" F By-Pass

Part #	Description
8116.2524.00	Unloader, Stainless Steel
8116.2524.01	Repair Kit VB60/600 Zero

UNLOADER-VB-80/150 & 400



- 21 GPM
- 195 ° F Max
- 1/2" FPT Inlet/Outlet
- 1/2" FPT By-Pass
- Stainless Steel

Part #	Rated PSI	Max PSI	Color
8116.2523.00	2200	2450	White
8116.2505.00	5800	6500	Black
8116.2505.01	Repair Kit		
8116.2505.02	O-Ring Kit, Viton		

UNLOADER-VB-350



- 10.5 GPM
- 3/8" M Inlet
- 3/8" F Outlet
- 1/2" F By-Pass
- 195 ° F Max.
- **Box Qty 5**

Part #	Rated PSI	Max PSI
8116.2501.00	5100	5650
8116.2517.01	Repair Kit	

UNLOADER-VHP 39



- 10.5 GPM
- 5070 PSI Rated
- 5650 PSI Max
- 194° F Max
- 3/8" FPT In/Outlet
- 3/8" FPT By-Pass x 2
- **Box Qty 5**

Part #	Description	Color
8108.2546.00	Unloader MV #4072000012	Yellow
8108.2547.00	Unloader w/EZ Start MV #4072000013	Yellow
8108.2546.01	Repair Kit MV #4079900009	

UNLOADER-VRT 100



- 26.4 GPM
- 194° F Max
- 1/2" F In/Outlet & By-Pass

Part #	Description	Color
8108.2564.00	Unloader, 2760 PSI MV #4072000035	Yellow
8108.2565.00	Unloader, 4800 PSI MV #4072000036	Blue
8108.2566.00 ¹	Unloader, 5075 PSI MV #4078000020	Green
8108.2567.00 ²	Unloader, 5075 PSI MV #4078000021	Green
8108.2565.01	Repair Kit MV #4079900013	

1-Dual By-Pass

2-Dual By-Pass With Knob

UNLOADER-VB 33



- 21 GPM
- 195° F
- 1/2" FPT Inlet/Outlet
- 1/2" FPT By-Pass
- 1/4" FPT Gauge Port
- **Box Qty 4**

Part #	Rated PSI	Max PSI
8116.2527.00	4050	4500

UNLOADER-Pulsar 4



- 10.5 GPM
- 195° F Max
- 3/8" F In/Outlet & By-Pass

Part #	Description	Color
8116.2536.00	Unloader, 2600 PSI	White
8116.2535.00	Unloader, 4500 PSI	Blue
8116.2535.01	Repair Kit Pulsar 4	

UNLOADER-VB-280



- 10.5 GPM
- 3/8" M Inlet
- 3/8" F Outlet
- 1/2" F By-Pass
- 195° F Max
- **Box Qty 5**

Part #	Rated PSI	Max PSI
8116.2517.00	4050	4500
8116.2517.01	Repair Kit	

UNLOADER-Pulsar 280



- 8.0 GPM
- 4500 Max PSI
- 195° F Max
- 3/8" FPT In/Outlet
- 3/8" FPT By-Pass x 2
- **Box Qty 15**

Part #	Description
8116.2510.00	Unloader, w/EZ Start
8116.2509.01	Repair Kit, Pulsar 280

UNLOADER-VRT 3 Multi-Function



- 8 GPM
- 4500 PSI Max
- 194° F Max
- Thermal Relief
- EZ Start
- **Box Qty 15**

Part #	Inlet	Outlet	By-Pass
8108.2539.00 ¹	3/8" FPT	3/8" MPT	3/8" FPT
		MV #4072000019	
8108.2540.00 ²	3/8" FPT	3/8" FPT	3/8" FPT
		MV #4072000020	
8108.2538.00 ³	3/8" MPT	3/8" MPT	3/8" FPT
		MV #4078000003	
8108.2568.00 ⁴	3/8" MPT	3/8" MPT	3/8" FPT
		MV #4072000085	
1-Includes Pressure Relieve Valve & Adj. Injector 2.1			
2-Includes Pressure Relieve Valve			
3-Includes Adj. Injector 2.1			
4-Includes Adj. Injector 2.3			

UNLOADER-VRT-3 Panel Mount



- 8 GPM
- 4500 PSI
- 194° F
- 3/8" FPT In/Outlet/By-Pass x 2
- **Box Qty 15**

Part #	Description
8108.2552.00	Unloader, Panel Mount MV #4078000019
8108.2532.01	Repair Kit MV #4079900005

UNLOADER-Pulsar Zero



- 2.4 GPM Min to 10.5 GPM Max
- 4050 PSI
- 195° F
- 3/8" FPT In/Outlet; By-Pass x 2
- **Box Qty 12**

Part #	Description
8116.2521.00	Reduced Trapped Pressure
8116.2521.01	Repair Kit

UNLOADER-VRT 3



- 8 GPM
- 194° F Max GPM
- Inlet x 2/Outlet 3/8" FPT
- By-Pass 3/8" FPT x 2



Part #	PSI	Color	Box Qty
8108.2530.00	2320	Yellow	15
		MV #0215010300	
8108.2533.00 ¹	2320	Yellow	20
		MV #0215010330	
8108.2531.00	3630	Blue	15
		MV #0215010310	
8108.2534.00 ¹	3630	Blue	20
		MV #0215010340	
8108.2532.00	4500	Black	15
		MV #0215010320	
8108.2535.00 ¹	4500	Black	20
		MV #0215010350	
8108.2542.00 ²	4500	Black	15
		MV #4072000002	
8108.2536.00 ³	4500	Black	15
		MV #4072000009	
8108.2537.00 ⁴	2320	Yellow	15
		MV #0215010360	
8108.2552.00 ⁵	4500	Black	15
		MV #4078000019	
8108.2530.01	Repair kit, 2320 & 3630 PSI		
	MV #4079900004		
8108.2532.01	Repair kit, 4500 PSI		
	MV #4079900005		
8108.2542.01	EZ Start		
	MV #R0000116		
8108.2530.02	Knob		
	MV #400305		
8108.2530.03	Cap, Yellow		
	MV #0128740070		
8108.2532.03	Cap, Black		
	MV #4079900005		

1-No Knob; 2-Includes EZ Start; One Inlet
3-Includes Microswitch 250V/16A; One Inlet
4-1/4" Gauge Port; 5-Panel Mount with PS6 Switch

UNLOADER-VB 80/280 Zero



- 5.3 GPM Min
- 21 GPM Max
- 4050 PSI
- 195° F
- 1/2" F In/Outlet
- 1/2" F By-Pass
- **Box Qty 4**

Part #	Description
8116.2526.00	Reduced Trapped Pressure
8116.2526.03	Repair Kit VB 80/280 Zero

UNLOADER-VRF 2



- 8 GPM
- 194° F Max
- 3/8 F In/Outlet & By-Pass



Banjo Kit

Part #	Description	Color
8108.2591.00	Unloader, 3625 PSI	Red
	MV #4072401007	
8108.2590.00	Fixed Injector, 3625 PSI	Red
	MV #4072601021	
8108.2594.00	Adj. Injector, 3625 PSI	Red
	MV #4072601022	NEW
8108.2593.00	Unloader, 4500 PSI	Blue
	MV #4072401013	
8108.2592.00	Fixed Injector, 4500 PSI	Blue
	MV #4072601031	
8108.2595.00	Adj. Injector, 4500 PSI	Blue
	MV #4072601032	NEW
8108.2551.01	Repair Kit	
	MV #4079900014	

Banjo Inlet Kits

Part #	X-Offset	Y-Offset	Inlet
8108.2574.00	0.0 mm	55/66 mm	3/8"-1/2"
		MV #0215200502	
8108.2577.00	Modified w/Thermal Port		
	For Comet BW, LW, AW & ZW Series Pumps		
	MV #0215200500		
8108.9158.00	5.0 mm	53/66 mm	3/8"-1/2"
	For Comet FW, HW & FW2 Series Pumps		
	MV #0215200510		
8108.2572.00	19 mm	51 mm	3/8"-1/2"
	For Brands Other Than Comet Pumps		
	MV #0215200520		
8108.2573.00	0.0 mm	63 mm	3/8"
	For Comet LW Misting Pumps		
	MV #0215200504		
8108.2576.00	19 mm	62 mm	3/8"
8108.2578.00	Modified w/Thermal Port		
	For Comet RW Pumps		
	MV #4073900000		

UNLOADER-VB 75



- 8 GPM
- 3200 Rated PSI
- 3650 Max PSI
- 195° F Max
- Banjo Kit
- **Box Qty 20**

Part #	Couplings	Outlet
8116.2516.00	3/8" x 1/2" F	3/8" F
8116.2516.01	Repair Kit, VB 75	

UNLOADER-VB 55



- 8.0 GPM
- 3200 Rated PSI
- 3650 Max PSI
- 195° F Max
- Banjo Kit
- **Box Qty 20**

*Used on RW Pumps

Part #	Couplings	Outlet
8116.2520.00	3/8" x 1/2" F	3/8" F
8116.2520.01	Repair Kit, VB-55	

UNLOADER-VRS 3



- 8 GPM
- 3190 Rated PSI
- 3630 Max PSI
- 194° F Max
- 3/8 F In/Outlet & By-Pass

Part #	Description	Color
8108.2548.00	Unloader, No Knob MV #4072000021	Blue
8108.2549.00	Unloader MV #4072000018	Blue
8108.2530.01	Repair Kit MV #4079900004	

UNLOADER-VRC 25

Compensated



- 8 GPM
- 3625 PSI
- 194° F Max GPM
- Inlet/Outlet 3/8" FPT
- By-Pass 3/8" FPT
- Gauge Port 1/4" FPT

- **Box Qty 15 (8108.2581.00--20)**

Part #	Description
8108.2580.00	Unloader MV #0215010510
8108.2581.00	Unloader, No Knob MV #0215010520
8108.2580.01	Repair Kit, Unloader MV #4079900011
8108.2582.00	Unloader, with Switch MV #0215010530
8108.2583.00	Unloader, With Switch, No Knob MV #0215010540
8108.2582.01	Repair Kit, Unloader with Switch MV #4079900010

UNLOADER-VR 56



- 8 GPM
- 3625 PSI
- 194° F
- 3/8" FPT By-Pass
- 1/4" FPT Gauge Port

Part #	Description
8108.2551.00	Unloader, 3/8" F In/Outlet MV #4072000030
8108.2551.01	Repair Kit MV #4079900014

UNLOADER-VB 85/150



- 21 GPM
- 2300 Rated PSI
- 2600 Max PSI
- 195° F Max
- 1/2" F In/Outlet & By-Pass

Part #	Description
8116.2533.00	Unloader
8116.2533.01	Repair Kit VB 85/150

UNLOADER-VB-200/150



- 53 GPM
- 195° F
- 1" FPT Inlet/Outlet
- 1" FPT By-Pass

Part #	Rated PSI	Max PSI
8116.2502.00	2200	2450
8116.2502.01	Repair Kit	

UNLOADER-VR 54



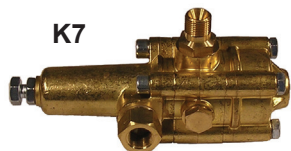
- 8 GPM
- 194° F Max
- 3/8 F In/Outlet & By-Pass

Part #	Description	Color
8108.2541.00*	Unloader, 2175 PSI MV #4072000056	Black
8108.2543.00	Unloader, 2900 PSI MV #4072000041	Red
8108.2544.00	Unloader, 2175 PSI MV #4072000051	Black
8108.2543.01	Repair Kit MV #4079900016	

*With Locking Nut

UNLOADER-Flow Sensing K7

K7



- 165°F Max Temp
- 0-3000 PSI
- Eliminates Trapped Pressure Between Pump & Gun

Part #	GPM	Inlet	Outlet	By-Pass
8110.2503.00	2.9-4.2	3/8" F	3/8" M	3/8" F
8110.2504.00	4.2-6.6	3/8" F	3/8" M	3/8" F

UNLOADER-Mounting Block



- 4000 PSI Max
- 2 - 3/8" FPT Ports
- Solid Machined Part
- 5/16" x 18 Mounting Holes
- For Remote Mounting of Unloader Valves

Part #	Description
8102.0551.00	Mounting Block, Aluminum
8102.0552.00	Mounting Block, Zinc Plated

VALVES-Ball, Shut-Off



- 7400 PSI Industrial Duty
- Chrome Plated Steel Ball
- Zinc Plated Steel Body
- 212°F

Part #	Description	GPM
8109.2601.00	1/4" FPT x 1/4" F	2.64
8109.2602.00	3/8" FPT x 3/8" F	6.60
8109.2603.00	1/2" FPT x 1/2" F	10.57

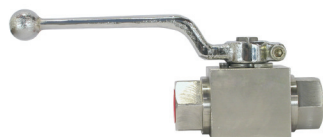
VALVES-Ball, Shut-Off



- Chrome Plated Steel Ball
- Zinc Plated Steel Body
- 212°F

Part #	Description	GPM	PSI
8402.2601.00	1/4" FPT x 1/4" F	1.79	7250
8402.2602.00	3/8" FPT x 3/8" F	4.97	7250
8402.2603.00	1/2" FPT x 1/2" F	8.41	7250
8402.2604.00	3/4" FPT x 3/4" F	19.9	7250
8402.2608.00	1" FPT x 1" F	31.1	5000

VALVES-Ball, Shut-Off



- 7000 PSI
- Stainless Steel Body
- 212°F

Part #	Description
8102.2640.00	Ball Valve, 3/8" FPT x 3/8" FPT

VALVES-Ball, Shut-Off, 3-Way



- Chrome Plated Steel Ball
- Zinc Plated Steel Body
- 212°F

Part #	Description	GPM	PSI
8402.2623.00	1/2" FPT x 1/2" F	8.41	7250
8402.2620.00	3/4" FPT x 3/4" F	19.9	7250
8402.2621.00	1" FPT x 1" F	31.1	5000
8402.2622.00	1-1/4" FPT x 1-1/4" F	50.9	5000

VALVES-Ball, Shut-Off



- 3000 PSI
- Brass Body
- 176° F
- Box Qty 5

Part #	Description
8107.2630.00	Ball Valve, 3/8" F x 3/8" F
8107.2631.00	Ball Valve, 1/2" F x 1/2" F

VALVES-Ball, Shut-Off



- 1500 PSI
- 300° F

Part #	Description
7600.2604.00	Ball Valve, 1/4" M x 1/4" F

VALVES-EZ Start



- Release Trapped System Pressure
- For Starting Gasoline Engines
- 8 GPM
- 4100 PSI Max
- 195° F
- Box Qty 10

Part #	Description
8107.1750.00	3/8" MPT, 90° w/Hose Barb

VALVES-EZ Start



- Release Trapped System Pressure
- For Starting Gasoline Engines
- 3500 PSI Max
- 1/4" Hose Barb

Part #	Description
8102.1750.00	3/8" MPT w/Hose Barb

VALVES-Jetter



- Converts Triplex Pump to Duplex Pump
- Replaces Inlet Valve Cap

Part # Used on Pump

0608.0034.00	LW, FW & ZW up to 3000 PSI
0608.0035.00	ZW, HW, RW & SW over 3000 PSI
0608.0036.00	TW up to 3600 PSI
0608.0037.00	TW over 3600 PSI

VALVES-Pressure Regulating



- 120 GPM
- 2900 Rated PSI
- 3200 Max PSI
- 195° F
- 1-1/4" FPT In/Outlet
- 1-1/2" FPT By-Pass

Part # Description

8116.2623.00	Regulating Valve, VRP 450-200
--------------	-------------------------------

VALVES-Pressure Regulating



- 21 GPM
- 8100 Rated PSI
- 8700 Max PSI
- 195° F Max
- 1/2" FBSP Inlet, Outlet & By-Pass

Part # Description

8116.2506.00	Regulating Valve, VRP 600
--------------	---------------------------

VALVES-Pressure Relief SVT



- 6.6 GPM
- 194° F
- 3/8" In/Outlets
- Box Qty 24

Part # Description

8108.7624.00	Valve, 5800 PSI, 2-Inlets, SVT 40 MV #0215010430
8108.7620.00	Valve, 4060 PSI, 2-Outlets, SVT 28 MV #0215010190
8108.7622.00	Valve, 2400 PSI, 2-Inlets, SVT 17 MV #4072000032

VALVES-Pressure Relief



Part # Description

8102.2621.00	3/8" MPT, 6 GPM, 6000 PSI, 195° F
8107.2620.00	1/4" M Inlet, 6.3 GPM, 2200 PSI, 195° F

VALVES-Pressure Relief SVL

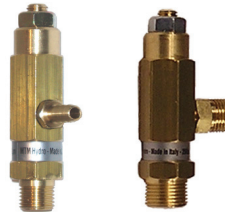


- 6.6 GPM
- 194° F
- 3/8" F In/Outlets
- Box Qty 24

Part # Description

8108.7621.00	Valve, 4060 PSI, SVL 28 MV #0215010220
8108.7623.00	Valve, 2400 PSI, SVL 17 MV #4072000031

VALVES-Pressure Relief



- 8 GPM
- 3600 PSI
- 195° F
- Adjustable Pressure Relief
- Box Qty 25

Part # Description

8107.2621.00	3/8" M, 1/4" Discharge
8107.2621.01	3/8" M, 1/4" Hose Barb Discharge

VALVES-Regulating, Flow VP 2



- 8 GPM
- 4060 PSI
- 320° F
- Inlet 1/4" F; Outlet 1/4" M
- Box Qty 10

Part # Description

8108.8220.00	Valve, Flow Restrictor MV #4130100001
--------------	--

VALVES-Safety



- 4 GPM
- 176° F
- Adjustable Pressure Relief

Part # Description

1215.0311.00	Safety Valve 1/8" M, 3000 PSI
1215.0443.00	Safety Valve 1/8" M, 3625 PSI

VALVES-Safety Relief VS 310



- 11 GPM
- 5100 PSI
- 195° F
- Box Qty 4

Part #	Description
8116.2625.00	Valve, 3/8" FPT Inlet & By-Pass

VALVES-Thermal Relief



- 145 PSI Max. Inlet Pressure
- 133° F Relief Temp.
- Protects Pumps from Overheating

Part #	Description
1215.0523.00	Thermal Relief Valve 1/4"
1215.0354.00	Thermal Relief Valve 3/8"
1215.0355.00	Thermal Relief Valve 1/2"

VALVES-Thermal Relief



A

- 200 PSI
- 145° F Relief Temp.
- Protects Pumps from Overheating



B

Part #	Description	
8102.1700.00	Thermal Relief Valve 3/8"	A
8402.1700.00	Thermal Relief Valve 3/8"	B
8102.1701.00	Thermal Relief Valve 1/2"	A

WATER BROOM



- 1/4" QD Plug
- 4000 PSI

Part #	Description
8402.2500.00	12", 3 GPM, 3 Nozzles
8402.2501.00	16", 3 GPM, 4 Nozzles
8113.3163.00	Nozzle, Meg, 1/4" 6513

Pressure Washers

SCOUT-Hot Water



- 2 GPM @ 1300 PSI
- 3400 RPM
- Brass Headed Pump
- 120V-60Hz-1 Phase; 14 Amps
- Includes GFCI w/15" Cord
- 35' Rubber hose
- Professional Gun/Lance
- Includes Hose Reel
- Diesel Burner

Part #	Description
9044.0011.00	Scout 135 Classic

STATIC-Cold Water



- 2.2 GPM
- 1300 PSI
- 115V-60Hz-1 Phase
- 14 Amps-1500W
- Gun & Lance w/Vari-Jet
- Hose Reel w/65'(20m) Rubber Hose
- Turbo Nozzle, Foamer & Rotating Brush
- Wall Mountable

Part #	Description
9052.0007.00	Static 1700

TRACTOR PTO-Pressure Washer



- Complete Pressure Washer
- Includes Frame, Pump & Accessories
- 3 Point Hitch
- 550 RPM Power Take-Off
- Frame Folds for Shipping

Part #	Description
9045.0005.00	PTO 30/170 w/Frame TWN 8025 S
9045.0001.00	PTO 12/120 w/Frame FW 5530 S
9045.0014.00	PTO 21/200 w/Frame RW 5530 S
9045.0002.00	PTO 33/150 w/Frame TW 8030 S
9045.0003.00	PTO 23/200 w/Frame TWN 6036 S
9045.0015.00	PTO 10/300 w/Frame TW 4545 S
9045.0010.00	PTO 30/170 TWN 8025 S, 8 @ 2500
9045.0016.00	PTO 21/200 RW 5530 S, 5.5 @ 3000
9045.0007.00	PTO 33/150 TW 8030 S, 8.8 @ 2175
9045.0008.00	PTO 23/200 TWN 6036 S, 8.7 @ 3000
5005.0242.00	Gear Box, 550 RPM
5003.0050.00*	Kit, Conversion, 1000 RPM
8102.1801.00	Oil, Bottle
8102.1802.00	Oil, Case of 12

*Needed with Gear Box to convert to 1000 RPM for TWN PTO

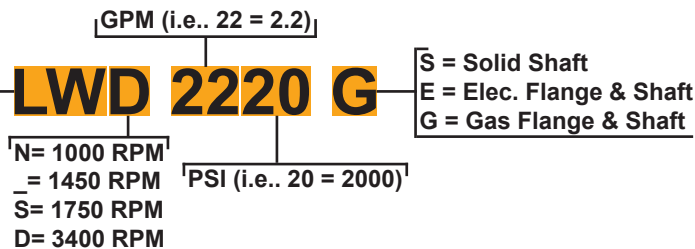
Conversion Tables & Formulas

<u>Weights & Volumes</u>				<u>Torque</u>				<u>Length Calculations</u>					
Gal.	x	3.785	=	Liters	NM	=	Ft./lb. x 1.35	.001 in.	x	25.4	=	Microns	
Gal.	x	128	=	Ounces	Ft./lb.	=	NM / 1.35	In.	x	25.4	=	MM	
Gal.	x	231	=	Cu. In.	In./lb.	=	Ft./lb. x 12	MM	x	.03937	=	Inches	
Gal.	x	8.3453	=	Pounds	<u>Temperatures</u>				Belt Length = 2 x CD + D + d x 1.57				
Ltr.	x	61.02	=	Cu. In.	°C	=	.555(°F-32)	<u>Nozzles</u>					
Ltr.	x	33.82	=	Ounces	°F	=	(1.8*°C)+32	Nozzle # = GPM x $\left(\sqrt{\frac{4000}{\text{PSI}}}\right)$					
Ltr.	x	.2642	=	Gallons	<u>Required Horsepower</u>				GPM = Nozzle # x $\left(\sqrt{\frac{\text{PSI}}{4000}}\right)$				
Ltr.	x	1000	=	Cubic CM	<u>GPM x PSI</u> = Elec. Brake HP				PSI = 4000 x $\left(\frac{\text{GPM}}{\text{Nozzle \#}}\right)^2$				
ML (CC)	x	.0338	=	Ounces	1460				<u>Pulley Ratio</u>				
Gram	x	.03527	=	Ounces	<u>GPM x PSI</u> = Hydraulic HP				<u>Motor Pulley OD</u>				<u>Pump RPM</u>
PSI	x	.0680	=	Bar	1714				Pump RPM				Motor Pulley OD
Bar	x	14.5	=	PSI	<u>GPM x PSI</u> = Gasoline HP								
In. HG	x	.4912	=	PSI	1100								
In. H2O	x	.8226	=	In. HG									

Sample Pump Model Number

LWD 2220 G

BX = Small Axial
 BW = Small Frame
 VRX = Small Vertical
 AX = Large Axial
 AW = Small Frame
 LW = Small Frame
 ZW = Large Frame
 FW = Large Frame
 FW2 = Large Frame
 HW = Large Frame
 RW = Premium Series
 SW = Premium Series
 TW = Premium Series



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