

316 STAINLESS STEEL SERIES



CORROSION RESISTANT PUMPS

316 STAINLESS STEEL MANIFOLDS & 316 STAINLESS INTERNAL WET END PARTS

P200A-5100 SERIES / P200A-5111 SERIES (Viton Elastomers)

Model	Flow	Pressure	RPM
P205-5100	0.5 GPM (1.9 LPM)	2000 PSI (140 Bar)	1750*
P206-5100	0.8 GPM (3.0 LPM)	2000 PSI (140 Bar)	1750
P230-5100	1.1 GPM (4.2 LPM)	2000 PSI (140 Bar)	1750*
P209-5100	1.6 GPM (6.0 LPM)	2000 PSI (140 Bar)	1750
P227-5100	2.1 GPM (8.0 LPM)	2000 PSI (140 Bar)	1750*
P221-5100	2.3 GPM (8.9 LPM)	2000 PSI (140 Bar)	1750
P217-5100	3.4 GPM (12.9 LPM)	2000 PSI (140 Bar)	3450*
P218-5100	3.4 GPM (12.8 LPM)	2000 PSI (140 Bar)	1750
P219-5100	4.2 GPM (15.9LPM)	2000 PSI (140 Bar)	1750
P220-5100	4.7GPM (17.6 LPM)	2000 PSI (140 Bar)	1750*

*Positive Inlet Pressure Required

Common Specifications & Materials

	U.S.	(Metric)
Max Inlet Temp:	160° F	(71° C)
Weight:	13.2 lbs.	(6.0 kg)
Inlet Port:	(2) 1/2" BSP	
Discharge Port:	(2) 3/8" BSP	

Materials Used

Manifold:	316 Stainless Steel
Plunger:	Solid ceramic oxide
Valves:	316TI Stainless Steel
Seals:	Nitrile with fabric reinforcing
Gear End:	Aluminum



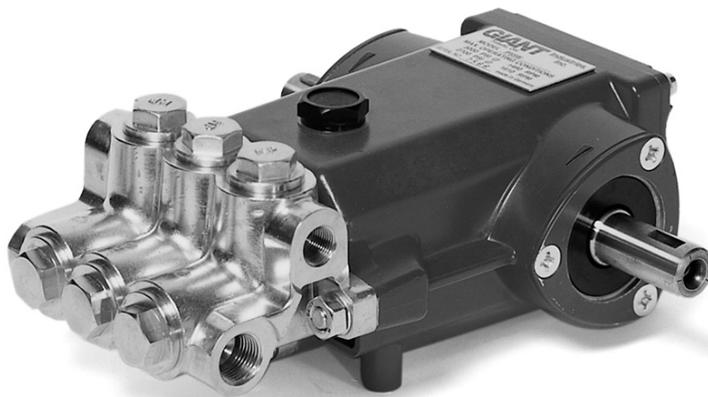
P200-5100 Series

P200-5100 Series Repair Kits

Kit	Part Number
Plunger Packing Kits: (P218/P219/P220)	09602
(P217/P221/P227/P230)	09756
Valve Kit	09139
Oil Seal Kit	09144*

* Commercial Discount

P55-5100 & P56-5100 PUMPS P55-5111 & P56-5111 VITON



P55-5100 / P56-5100

Specifications

	U.S.	(Metric)
P55-5100:		
Flow:	4.9 GPM	(18.5 LPM)
Pressure:	2320 PSI	(160 bar)

P56-5100:		
Flow:	6.1 GPM	(23.0 LPM)
Pressure:	1900 PSI	(130 bar)

Speed	1420 RPM
Horsepower:	8.0 BHP / 6.0 kW
Max Inlet Temp:	160° F (71° C)
Weight:	18 lbs. (8 kg)
Inlet Ports:	(2) 1/2" BSP
Discharge Ports:	(2) 3/8" BSP

Materials Used

Manifold:	316 Stainless Steel
Plunger:	Solid ceramic oxide
Valves:	316 TI Stainless Steel
Seals:	Nitrile with fabric reinforcing
Gear End:	Aluminum

CORROSION RESISTANT PUMPS

316 STAINLESS STEEL MANIFOLDS & 316 STAINLESS INTERNAL WET END PARTS

P400-5100i SERIES

Model	Flow	Pressure	RPM
P450-5100	5.5 GPM (21.0 LPM)	5075 PSI (350 Bar)	1450
P435-5100	6.6 GPM (25.0 LPM)	3625 PSI (250 Bar)	1450
P423-5100	8.2 GPM (31.1 LPM)	2900 PSI (200 Bar)	1450
P422-5100	9.9 GPM (37.3 LPM)	2610 PSI (180 Bar)	1450
P425-5100	10.7 GPM (40.6 LPM)	2465 PSI (170 Bar)	1450
P420-5100	12.8 GPM (48.4 LPM)	2175 PSI (150 Bar)	1450

P400-5100 Series



P450-5100

Repair Kits

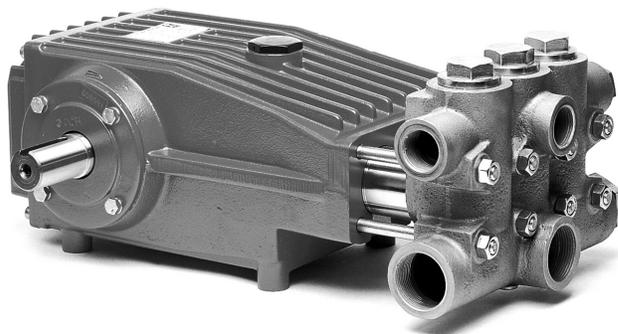
Kit	Part Number
Plunger Packing Kit (P450-5100)	09141*
Plunger Packing Kit (P420 / P425-5100)	09653
Plunger Packing Kit (P422 / P423-5100)	09654
Plunger Packing Kit (P435-5100)	09644*
Valve Kit (Except P450-5100)	09655
Valve Kit (P450-5100 Only)	09646
Oil Seal Kit	09641

* Commercial Discount

Common Specifications & Materials

	U.S.	(Metric)
Max Inlet Temp:	160° F	(71° C)
Weight:	37 lbs.	(17 kg)
Materials Used		
Manifold:	.....316 Stainless Steel or Duplex Steel	
Plunger:	.....Solid ceramic oxide	
Valves:	.....316 TI Stainless Steel	
Seals:	.....Nitrile with fabric reinforcing	
Gear End:	.....Aluminum	

LP301A-5100 & LP600-5100 PUMPS



LP301A-5100/LP600-5100

Specifications

LP600-5100:

Flow: 9.8 GPM (37 LPM)
 Pressure:5800 PSI (400 bar)

LP301A-5100:

Flow: 14.2 GPM (53.6 LPM)
 Pressure:3915 PSI (270 bar)

Speed1000 RPM
 Horsepower: 40 BHP..... 30.0 kW
 Max Inlet Temp: 140° F (60° C)
 Weight: 132 lbs..... (60 kg)
 Inlet Ports:(2) 1-1/4" BSP
 Discharge Ports:(2) 1" BSP

Materials Used

Manifold:316 Stainless Steel
 Plunger: Solid ceramic oxide
 Valves:316 TI Stainless Steel
 Seals:..... Nitrile with fabric reinforcing
 Gear End:Spheroidal Cast Iron

CORROSION RESISTANT PUMPS



MP4124-5100 / MP4135-5100

U.S. (Metric)

MP4124-5100

Flow 12.8 GPM (48.6 LPM)
 Pressure (continuous) 2610 PSI (180 bar)
 Pressure (intermittent) 3000 PSI (205 bar)
 Speed 1450 RPM
 Horsepower (continuous) .. 23.0 BHP 17.1 kW
 Plunger Diameter 0.94" 24mm
 Stroke 1.02" 26mm

MP4135-5100

Flow 17.9 GPM (67.7 LPM)
 Pressure 1600 PSI (110 bar)
 Speed 1100 RPM
 Horsepower 20.4 BHP 15.2 kW
 Plunger Diameter: 1.18" 30 mm
 Stroke: 1.18" 30 mm

Materials Used

Manifold: 316 Stainless Steel
 Plunger: Solid ceramic oxide
 Valves: High Grade Stainless Steel
 Seals: Nitrile with fabric reinforcing
 Gear End: Spheroidal Cast Iron

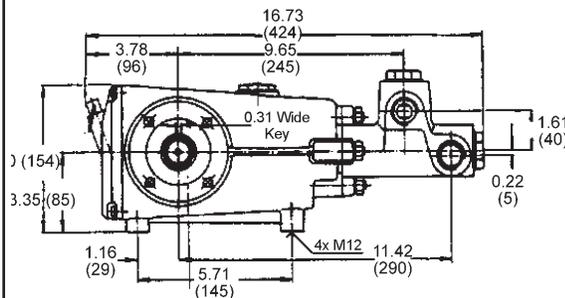
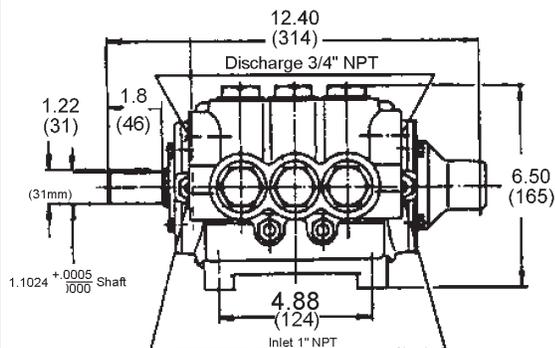
Max Inlet Temp: 160° F (71° C)
 Weight: 66 lbs (30 kg)
 Inlet Port: (2) 1" BSP
 Discharge Port: (2) 3/4" BSP

Repair Kits

Kit	Part Number
Plunger Packing Kit (MP4124W)	09300
Plunger Packing Kit (MP4135W)	09665
Inlet Valve Kit	09062
Discharge Valve Kit	09043



MP SERIES - INCHES (mm)



CORROSION RESISTANT PUMPS

LP250A-5100

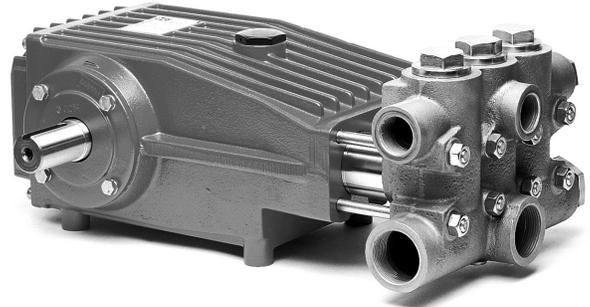
	U.S.	(Metric)
Flow:	26 GPM	(98.3 LPM)
Pressure:	2200 PSI	(150 bar)
Speed:	1000 RPM	
Horsepower:	39.4 BHP	29.4 kW
Max Inlet Temp:	140° F	(60° C)
Weight:	119 lbs.	(54 kg)
Inlet Ports:	(3) 1-1/2" BSP	
Discharge Ports:	(3) 1" BSP	

LP121A-5100

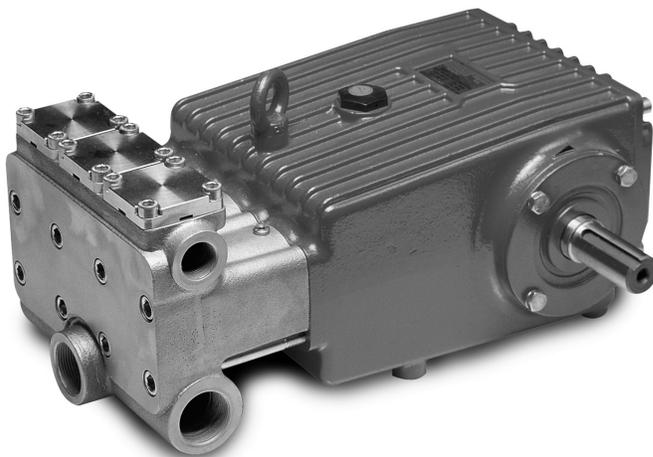
	U.S.	(Metric)
Flow:	32.5 GPM	(123.1 LPM)
Pressure:	1740 PSI	(120 bar)
Speed:	1000 RPM	
Horsepower:	39 BHP	29.1 kW
Max Inlet Temp:	140° F	(60° C)
Weight:	119 lbs.	(53 kg)
Inlet Ports:	(3) 1-1/2" BSP	
Discharge Ports:	(3) 1" BSP	

LP122A-5100

	U.S.	(Metric)
Flow:	35.4 GPM	(134.0 LPM)
Pressure:	1300 PSI	(90 bar)
Speed:	800 RPM	
Horsepower:	33.1 BHP	24.7 kW
Max Inlet Temp:	140° F	(60° C)
Weight:	126 lbs.	(57 kg)
Inlet Ports:	(3) 1-1/2" NPT	
Discharge Ports:	(3) 1" NPT	



LP250A-5100/LP121A-5100/LP122A-5100



GP5132-5100/GP5136-5100/GP5145-5100

GP5132-5100

	U.S.	(Metric)
Flow:	28.0 GPM	(106.0 LPM)
Pressure:	2900 PSI	(200 bar)
Speed:	1000 RPM	
Horsepower:	56.0 BHP	41.8 kW
Max Inlet Temp:	140° F	(60° C)
Weight:	179 lbs.	(81 kg)
Inlet Ports:	(3) 1-1/2" BSP	
Discharge Ports:	(3) 1" BSP	

GP5136-5100

	U.S.	(Metric)
Flow:	33.8 GPM	(127.8 LPM)
Pressure:	2320 PSI	(160 bar)
Speed:	910 RPM	
Horsepower:	54.0 BHP	40.3 kW
Max Inlet Temp:	140° F	(60° C)
Weight:	179 lbs.	(81 kg)
Inlet Ports:	(3) 1-1/2" BSP	
Discharge Ports:	(3) 1" BSP	

GP5145-5100

	U.S.	(Metric)
Flow:	43.5 GPM	(164.6 LPM)
Pressure:	1450 PSI	(100 bar)
Speed:	750 RPM	
Horsepower:	43.5 BHP	32.5 kW
Max Inlet Temp:	140° F	(60° C)
Weight:	179 lbs.	(81 kg)
Inlet Ports:	(3) 1-1/2" BSP	
Discharge Ports:	(3) 1" BSP	

316 STAINLESS STEEL SERIES



CORROSION RESISTANT PUMPS



GP7142-5100 / GP7155-5100

GP7142-5100

	U.S.	(Metric)
Flow:	38.4 GPM	(145.3 LPM)
Pressure:	2610 PSI	..... (180 bar)
Speed:	700 RPM	
Horsepower:	69.1 BHP	..... 51.5 kW
Max Inlet Temp:	140° F	..... (60° C)
Weight:	374 lbs	..... (170 kg)
Inlet Ports:	(2) 2-1/2" BSP	
Discharge Ports:	(2) 1-1/4" BSP	

GP7155-5100

	U.S.	(Metric)
Flow:	65.8 GPM	(249.1 LPM)
Pressure:	1450 PSI	..... (100 bar)
Speed:	700 RPM	
Horsepower:	65.8 BHP	..... 49.1 KW
Max Inlet Temp:	140° F	..... (60° C)
Weight:	374 lbs	..... (170 kg)
Inlet Ports:	(2) 2-1/2" BSP	
Discharge Ports:	(2) 1-1/4" BSP	

GP8000-5100 Series

Model	Flow		Pressure		RPM
	GPM	L/min	PSI	Bar	
GP8035-5100	29	110	7250	500	580
GP8040-5100	38	144	5510	380	580
GP8045-5100	48.8	185	4350	300	580
GP8048-5100	56.8	215	3770	260	580
GP8055-5100	74.8	283	3000	200	580
GP8060-5100	90	340	2465	170	580
GP8065-5100	105.6	400	2030	140	580