

ALUMINUM-BRONZE SERIES

CORROSION RESISTANT PUMPS

NICKEL- ALUMINUM-BRONZE MANIFOLDS & 316 STAINLESS INTERNAL WET END PARTS

P200A-3100 SERIES

Model	Flow	Pressure	RPM
P230-3100	1.1 GPM (4.2 LPM)	2000 PSI (140 Bar)	1750*
P221-3100	2.3 GPM (8.9 LPM)	2000 PSI (140 Bar)	1750
P218-3100	3.4 GPM (12.8 LPM)	2000 PSI (140 Bar)	1750
P217-3100	3.6 GPM (12.9 LPM)	2000 PSI (140 Bar)	3450*
P219-3100	4.2 GPM (15.9 LPM)	2000 PSI (140 Bar)	1750
P220-3100	4.7GPM (17.6 LPM)	2000 PSI (140 Bar)	1750*

*Positive Inlet Pressure Required

Common Specifications & Materials

	U.S.	(Metric)
Max Inlet Temp:	86° F	(30° C)
Weight:	13.2 lbs.	(6 kg)
Inlet Port:	(2) 1/2" BSP	(2) 1/2" BSP
Discharge Port:	(2) 3/8" BSP	(2) 3/8" BSP

Materials Used

Manifold:	Nickel-Aluminium-Bronze
Plunger:	Solid ceramic oxide
Valves:	316TI Stainless Steel
Seals:	Nitrile with fabric reinforcing
Gear Ends:	Aluminum



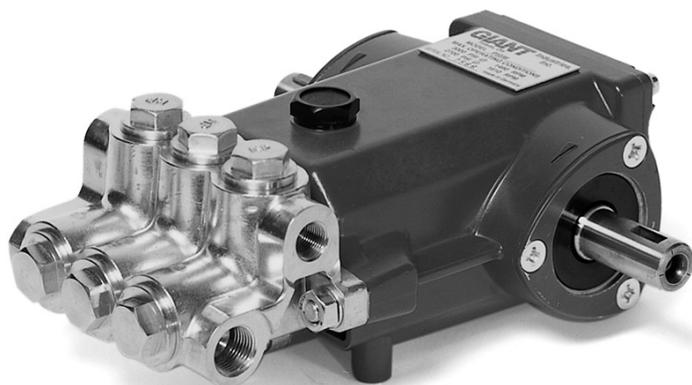
P200-3100 Series

P200-3100 Series Repair Kits

Kit	Part Number
Plunger Packing Kit	09602
Valve Kit (Except P230)	09714
Valve Kit (P230 Only)	09139
Oil Seal Kit	09144*

* Commercial Discount

P55-3100, P56-3100 PUMP



P56-3100 Pump

Specifications

	U.S.	(Metric)
Flow (P55):	4.8 GPM	(18.1 LPM)
Flow (P56):	6.1 GPM	(23.0 LPM)
Pressure:	1900 PSI	(130 bar)
Speed:	1420 RPM	
Max Inlet Temp:	86° F	(30° C)
Weight:	17.2 lbs.	(7.8 kg)
Inlet Ports:	(2) 1/2" BSP	
Discharge Ports:	(2) 3/8" BSP	

Materials Used

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

CORROSION RESISTANT PUMPS

NICKEL-ALUMINUM-BRONZE MANIFOLDS & 316 STAINLESS INTERNAL WET END PARTS

P400-3100 SERIES

Model	Flow	Pressure	RPM
P450-3100	5.5 GPM (21 LPM)	5075 PSI (350 Bar)	1450
P435-3100	6.6 GPM (25 LPM)	3625 PSI (250 Bar)	1450
P423-3100	8.2 GPM (31.1 LPM)	2900 PSI (200 Bar)	1450
P422-3100	9.9 GPM (37.5 LPM)	2610 PSI (180 Bar)	1450
P420-3100	12.8 GPM (48.4 LPM)	2175 PSI (150 Bar)	1450

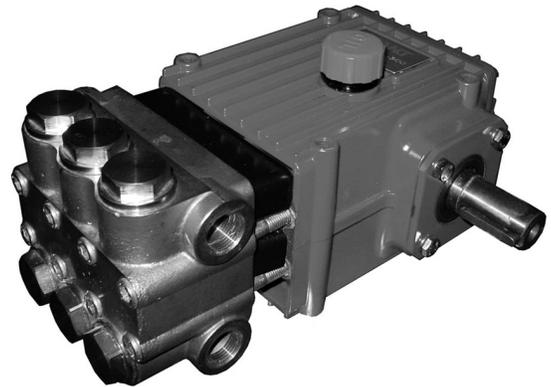
Repair Kits

Kit	Part Number
Plunger Packing Kits: (P420-3100)	09667
(P423-3100)	09668
(P435/P450-3100)	09634
Valve Kit (P420/P423-3100)	09522
Valve Kit (P435/P450-3100)	09142-0100
Oil Seal Kit	09641

Common Specifications & Materials

	U.S.	(Metric)
Max Inlet Temp:	86° F	(30° C)
Weight:	37 lbs.	(17 kg)
Materials Used		
Manifold:	Nickel-Aluminum-Bronze	
Plunger:	Solid ceramic oxide	
Valves:	316 Stainless Steel	
Seals:	Nitrile with fabric reinforcing	
Gear End:	Aluminum	

P400-3100 Series



SP351W-3100/SP100W-3100



SP351W-3100

	U.S.	(Metric)
Flow:	6.7 GPM	(25.4 LPM)
Pressure:	3200 PSI	(220 bar)
Speed	1420 RPM	
Horsepower:	14.8 BHP	11.0 kW
Max Inlet Temp:	86° F	(30° C)
Weight:	41.9 lbs.	(19 kg)
Inlet Ports:	(2) 3/4" BSP	
Discharge Ports:	(2) 1/2" BSP	

SP100W-3100

	U.S.	(Metric)
Flow:	11.2 GPM	(42.5 LPM)
Pressure:	1880 PSI	(130 bar)
Speed	1420 RPM	
Horsepower:	14.6 BHP	10.9 kW
Max Inlet Temp:	86° F	(30° C)
Weight:	41.9 lbs.	(19 kg)
Inlet Ports:	(2) 3/4" BSP	
Discharge Ports:	(2) 1/2" BSP	

CORROSION RESISTANT PUMPS

NICKEL- ALUMINUM-BRONZE MANIFOLDS & 316 STAINLESS INTERNAL WET END PARTS

MP4130-3100, MP4135-3100



MP4130-3100 Pump

Materials Used

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

Specifications

MP4130-3100	U.S.	(Metric)
Flow:	15.4 GPM	..... (58.3 LPM)
Pressure:	1600 PSI	..... (110 bar)
Speed:	1100 RPM	
Horsepower:	17.0 BHP	..... 12.7 kW

MP4135-3100		
Flow:	18.0 GPM	..... (68.1 LPM)
Pressure:	1600 PSI	..... (110 bar)
Speed:	1100 RPM	
Horsepower:	19.9 BHP	..... 14.8 kW

Max Inlet Temp: 158° F (70° C)
 Weight: 66 lbs. (30 kg)
 Inlet Ports: (2) 1" BSPP
 Discharge Ports: (2) 3/4" BSPP

Repair Kits

Kit	Part Number
Plunger Packing Kit	09580
Valve Kit	09581

LP122A-3100, LP250-3100



LP122A-3100 Pump

Materials Used

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

Specifications

LP250A-3100	U.S.	(Metric)
Flow:	25.7 GPM	..... (97.3 LPM)
Pressure:	2030 PSI	..... (140 bar)
Speed:	1000 RPM	
Horsepower:	36.0 BHP	..... 26.9 kW

LP122A-3100	U.S.	(Metric)
Flow:	35.4 GPM	..... (134. LPM)
Pressure:	1300 PSI	..... (90 bar)
Speed:	800 RPM	
Horsepower:	31.7 BHP	..... 23.6 kW

Max Inlet Temp: 86° F (30° C)
 Weight: 126 lbs. (57 kg)
 Inlet Ports: (2) 1-1/2" BSPP
 Discharge Ports: (2) 1" BSPP

Repair Kits

Kit	Part Number	List Price
Plunger Packing Kits:		
(LP122A-3100)	09575	\$508.01
(LP250A-3100)	09739	\$626.96
Valve Kit	09576	\$958.91

CORROSION RESISTANT PUMPS

NICKEL- ALUMINUM-BRONZE MANIFOLDS & 316 STAINLESS INTERNAL WET END PARTS

GP6145-3100 PUMP



GP6145-3100 Pump

Specifications

	U.S.	(Metric)
Flow:	46.5 GPM	(175.9 LPM)
Pressure:	1740 PSI	(120 bar)
Speed	800 RPM	
Horsepower:	55.8 BHP	41.6 kW
Max Inlet Temp:	86° F	(30° C)
Weight:	309 lbs.	(140 kg)
Inlet Ports:	(2) 2-1/2" BSP	
Discharge Ports:	(2) 1-1/4" BSP	

GP7155-3100 PUMP

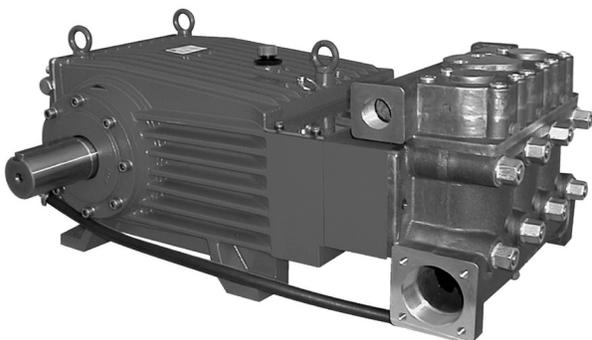


GP7155-3100 Pump

Specifications

	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:	86° F	(30° C)
Weight:	374 lbs.	(170 kg)
Inlet Ports:	(2) 2-1/2" BSP	
Discharge Ports:	(2) 1-1/4" BSP	

GP8000-3100 PUMP



GP8000-3100 Series

Specifications

	U.S.	(Metric)
Speed	580 RPM	
Horsepower:	153 BHP	114 kW
Max Inlet Temp:	86° F	(30° C)
Weight:	767 lbs.	(348 kg)
Inlet Ports:	(2) 3" BSP	
Discharge Ports:	(2) 1-1/4" BSP	

Models Available	Flow (GPM/LPM)	Pressure (PSI/Bar)
GP8045	48.8(185)	4350(300)
GP8048	56.8(215)	3770(260)
GP8055	74.8(285)	2900(200)
GP8060	90.0(340)	2465(170)
GP8065	105.6(400)	2030(140)

Also available with integral gearbox.
See page 59 for gear ratios.