

Bentonite Pumps

BP100

	U.S.	(Metric)
Flow:	5.9 GPM	(22.4 LPM)
Pressure:	1885 PSI	(130 bar)
Speed:		750 RPM
Horsepower:	7.6 BHP	5.7 kW
Plunger Diameter:	1.02"	26 mm
Plunger Stroke:	.79"	20 mm
Max Inlet Temp:	194 °F	(90° C)
Weight:	41.9 lbs.	(19 kg)
Inlet Ports:		(2) 3/4" NPT
Discharge Ports:		(2) 1/2" NPT

Materials Used

Manifold: Cast Iron
 Plunger: Solid Ceramic Oxide
 Valves: Stainless Steel
 Seals: Nitrile with fabric reinforcing
 Gear End: Spheroidal Cast Iron

BP5236

	U.S.	(Metric)
Flow:	18.5 GPM	(70 LPM)
Pressure:	1450 PSI	(100 bar)
Speed:		570 RPM
Horsepower:	18.5 BHP	13.8 kW
Plunger Diameter:	1.42"	36 mm
Plunger Stroke:	1.65"	42 mm
Max Inlet Temp:	104 °F	(40° C)
Weight:	110 lbs.	(50 kg)
Inlet Ports:		(2) 1-1/4" BSP
Discharge Ports:		(2) 1" BSP

Materials Used

Manifold: Cast Iron
 Plunger: Solid Ceramic Oxide
 Valves: Stainless Steel
 Seals: Nitrile with fabric reinforcing
 Gear End: Spheroidal Cast Iron



BP6150

	U.S.	(Metric)
Flow:	42.3 GPM	(160 LPM)
Pressure:	1500 PSI	(100 bar)
Speed:		600 RPM
Horsepower:	43.8 BHP	32.7 kW
Plunger Diameter:	1.97"	50mm
Plunger Stroke:	1.89"	48mm
Max Inlet Temp:	104 °F	(40° C)
Weight:	276 lbs.	(125 kg)
Inlet Ports:		(2) 2-1/2" NPT
Discharge Ports:		(2) 1-1/4" NPT

Materials Used

Manifold: Cast Iron
 Plunger: Solid Ceramic Oxide
 Valves: Stainless Steel
 Seals: Nitrile with fabric reinforcing
 Gear End: Spheroidal Cast Iron

BP7170

	U.S.	(Metric)
Flow:	84.5 GPM	(320 LPM)
Pressure:	1000 PSI	(70 bar)
Speed:		560 RPM
Horsepower:	58.3 BHP	43.5 kW
Plunger Diameter:	2.76"	70mm
Plunger Stroke:	2.05"	52mm
Max Inlet Temp:	104 °F	(40° C)
Weight:	423 lbs.	(192 kg)
Inlet Ports:		(2) 2-1/2" NPT
Discharge Ports:		(2) 1-1/4" NPT

Materials Used

Manifold: Cast Iron
 Plunger: Solid Ceramic Oxide
 Valves: Stainless Steel
 Seals: Nitrile with fabric reinforcing
 Gear End: Spheroidal Cast Iron



BP8076 BP8176(w/gearbox)

	U.S.	(Metric)
Flow:	132 GPM	(500 LPM)
Pressure:	1500 PSI	(100 bar)
Speed:		520 RPM
Horsepower:	136.6 BHP	101.9 kW
Plunger Diameter:	2.99"	76mm
Plunger Stroke:	2.83"	72mm
Max Inlet Temp:	140 °F	(60° C)
Weight:	205 lbs.	(320 kg)
Inlet Ports:		(2) 3" BSP
Discharge Ports:		(2) 1-1/2" BSP

Materials Used

Manifold: Spheroidal Cast Iron
 Plunger: Solid Ceramic Oxide
 Valves: Stainless Steel
 Seals: Nitrile with fabric reinforcing
 Gear End: Spheroidal Cast Iron