

JOHNBLUE Low & High Pressure Diaphragm Pumps

Excellent for acidic and highly corrosive products including 50% Sulfuric Acid, agchemicals, lawn care chemicals, fertilizers and many other products including heads that are constructed of polypropylene structure over aluminum diecast "core" for superior strength and chemical resistance. Desmopan or HPS diaphragms with 316SS diaphragm bolts and washers. 316SS inlet and outlet check valves. Oil sight gauge.

Low Pressure Diaphragm Pumps

Part No.	Max. GPM	Max. PSI	Max. RPM	Max. HP	Polypropylene "Millenium" Series
BU DP43P	4.3	290	650	1.2	Pump, 3/4" Solid Shaft
BU DP43-GRP	4.3	290	3600	1.2	Pump with Gear Reduction Unit for 3.5 & 5 HP Engines, Less Pressure Control Unit, 3/4" Solid Shaft
BU DP70P	6.0	290	650	2.0	Pump, 3/4" Solid Shaft
BU DP70.1GRIP	6.0	290	3600	2.0	Pump with Gear Reduction Unit for 5 HP Engine and Pressure Control Unit
BU DP193PP	19.8	218	550	2.8	3 Diaphragm Pump, 1" Shaft (one side) 1-1/2" HB Suction x 1" Discharge
BU DP193GRIP	19.8	218	3600	2.8	Pump with Gear Reduction Unit for 5 HP Engine. Includes Pressure Control Unit. 1" Solid Shaft.....
BU DP282P	28.2	218	550	4.1	3 Diaphragm Pump, 1" Shaft & 1-3/8" 6-Spline Shaft Opposite End, 1-1/2" HB Suction x 1" Discharge.....
BU DP332P	33.3	218	550	4.8	3 Diaphragm Pump, 1" shaft & 1-3/8" 6-Spline Shaft Opposite End, 1-1/2" HB Suction x 1" Discharge.....

High Pressure Diaphragm Pump

BU DP291	29.1	725	550	14	3 Diaphragm Pump, 1-3/8" Spline Shaft Each End, 1-1/2" HB Suction x 3/4" Discharge.....
BU DP407.2	40.7	725	550	20	4 Diaphragm Pump, 1-3/8" 6-Spline Shaft Each End, 1-1/2" HB Suction x 3/4" Discharge.....
BU DP407.2VP	40.7	725	550	20	4 Diaphragm Pump, 35mm Shaft, 1-1/2" HB Suction x 3/4" Discharge.....
BU DP-321054	6:1 Gear Reduction Kit for DP407.2VP				

Pressure Control Units

Part No.	Description
BU SC-1066-2	Pressure Control Unit (Less Gauge) for DP43P & DP43-GRP Pumps: (2) 3/8" Outlets with Main Shut-Off Valve & Pressure Regulator. 6.6 GPM & 290 PSI.....
BU SC-2420-3	Pressure Control Unit (With Gauge) for DP193PP, DP282P & DP332P Pumps: (3) 3/4" Outlets with Individual Shut-Off Valves, Main Shut-Off Valve & Pressure Regulator. 42 GPM & 290 PSI.....
BU SC-1480-3	Pressure Control Unit for DP291 & DP407.1: (3) 1/2" Outlets with Individual Shut-Off Valves, Main Shut-Off Valve & Pressure Regulator.....

Gear Reduction Units & Hydraulic Motor Adapters

Part No.	Description
BU DP-321003	Gear Reduction Unit for DP193PP, DP282P & DP332P Pumps; Fits 5 HP Gas Engine with 3/4" Keyed Shaft.....
BU DP-31874897	Hydraulic Motor Adapter (SAE "B") for DP43P Pump
BU DP-31874997	Hydraulic Motor Adapter (SAE "B") for DP193PP, DP282P & DP332P Pumps
BU DP-31155907	"Spacer" for Gear Reduction Unit & Hydraulic Motor Adapter for DP282P & DP332P Pumps (req'd)
BU DP-86357500	Bolts for "Spacer" Above (4 Required)

Features: Excellent for Acidic & Highly Corrosive Products • Heads Constructed of Polypropylene Bonded Over Aluminum Die-Cast for Superior Strength • All Wetted Components are Polypropylene & 316SS for Maximum Chemical Resistance • Desmopan & HPS Diaphragms • Oil Sight Gauge • Pressures to 218 PSI (290 PSI on DP43P) • 140° F. Maximum Temperature.



DP43P



SC-2420-3



SC-1066-2

FMC JOHN BEAN Pumps

For Grounds Care, Trees, Nurseries, Road Side, Pest Control & Golf Courses

These Rugged Piston Pumps have cast iron cases, with hardened crankshafts and ball-type main bearings which are seated in oil for long life, non-wear ceramic cylinders and spring loaded disc-type stainless valves.



Bean R10 Specs:

2 Pistons - 1-5/8" Diameter • 10 GPM • 500 PSI
• 580 MAX RPM - 306 MIN RPM

R10 Features:

- Two cylinder positive displacement pump.
- Non-wearing ceramic cylinders for long life & corrosion resistance.
- Melonized forged crankshaft for increased fatigue, strength & durability, mounted on heavy-duty ball bearings.
- Aluminum die-cast connecting rods with automotive type replaceable bearing inserts.
- Positive action, disc-type stainless steel hardened valves & seats.

Bean R200 Specs:

4 Pistons - 1-5/8" Diameter • 20 GPM • 500 PSI
• 580 MAX RPM - 390 MIN RPM

R200 Features:

- Four cylinder vertical reciprocating displacement pump.
- Ceramic cylinders are diamond-honed for a smooth, long life, wear resistant surface.
- Positive action spring loaded disc type stainless steel valves and valve seats.
- Melonized hardened alloy steel crankshafts.
- All bearings on the drive shafts are maximum duty type, with double row bearing on the drive end.



PUMPS	Part No.	GPM	PSI	PISTON	Wt.
	BN R10	10	500	2	52 lbs.
	BN R200	20	500	4	95 lbs.

Repair Kits for FMC Bean Pumps

For Pump No's	Use Valve Kit	Net Ea.	Use Packing Kit	Net Ea.
BN R5A	BN 17042		BN 5251829	
BN R5B	BN 17042		BN 5251828	
BN R10, RH10	BN 17042		*BN 17048	
BN R20, R200	*BN 17042			

* Requires a quantity of 2 Kits.

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