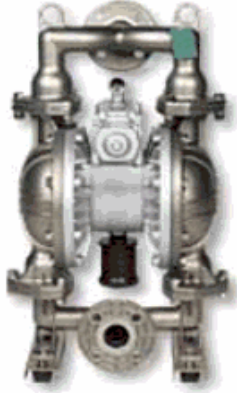




## Diaphragm and Mud Pumps

### Yamada Diaphragm Pump



Part #  
**NDP-50BFC**

**Cast Iron Pump**  
**Diaphragm:** Neoprene  
**Discharge Volume:** 1.14 gal  
**Max Cycles/Minute:** 146  
**Intake & Discharge Connection:** 2" ANSI B16.5 #150  
**Max Solid Size:** 5/16"  
**Max Liquid Temp:** 180 degrees F  
**Shipping Weight:** 168 lbs



**NET WEIGHT:** 192 LBS. (87 KG.)  
**SHIPPING WEIGHT:** 248 LBS. (112 KG.)  
**EXPORT CRATE SIZE:** 22.7 CU. FT. (0,6 CU. M.)



Part #  
**82E1-L100EE-X**  
 Self Priming Centrifugal Pump  
 Diesel

Part #  
**82EGX240**  
 Self Priming Centrifugal Pump  
 Gas

**PUMP SPECIFICATIONS**

**Size:** 2" x 2" NPT (51 mm x 51 mm) - Female.  
**Casing:** Aluminum No. 356-T6 with Gray Iron No. 30 Cutwater Insert. Maximum Operating Pressure 98 psi (676 kPa).  
**Open Type, Four Vane Impeller:** Aluminum No. 356-T6 Handles 3/4" (19 mm) Diameter Spherical Solids.  
**Replaceable Wear Plate:** Carbon Steel No. M1026.  
**Intermediate Bracket:** Gray Iron No. 30.  
**Seal:** Type 1, Mechanical, Self-lubricated. Carbon Rotating Face. Ni-Resist Stationary Face. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel No. 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped, 160°F (71°C).  
**Shaft Sleeve:** Alloy Steel No. 4130.  
**Flap Valve:** Gray Iron No. 30, Steel and Nitrile/Nylon Reinforcement.  
**Flange:** Aluminum No. 356-T6.  
**Gaskets:** Cork.  
**Hardware:** Standard Plated Steel.

Total Head		Capacity Of Pump in U.S. Gallons Per Minute (GPM) at Continuous Performance				
P.S.I.	Feet					
61.6	142	44	44	44	44	44
60.7	140	52	52	52	52	52
52.0	120	80	115	139	140	140
43.4	100	80	118	145	174	184
34.7	80	81	120	147	178	200
26.0	60	82	120	147	178	210
17.3	40	82	121	148	178	214
<b>Suction Lift</b>		<b>25'</b>	<b>20'</b>	<b>15'</b>	<b>10'</b>	<b>5'</b>