

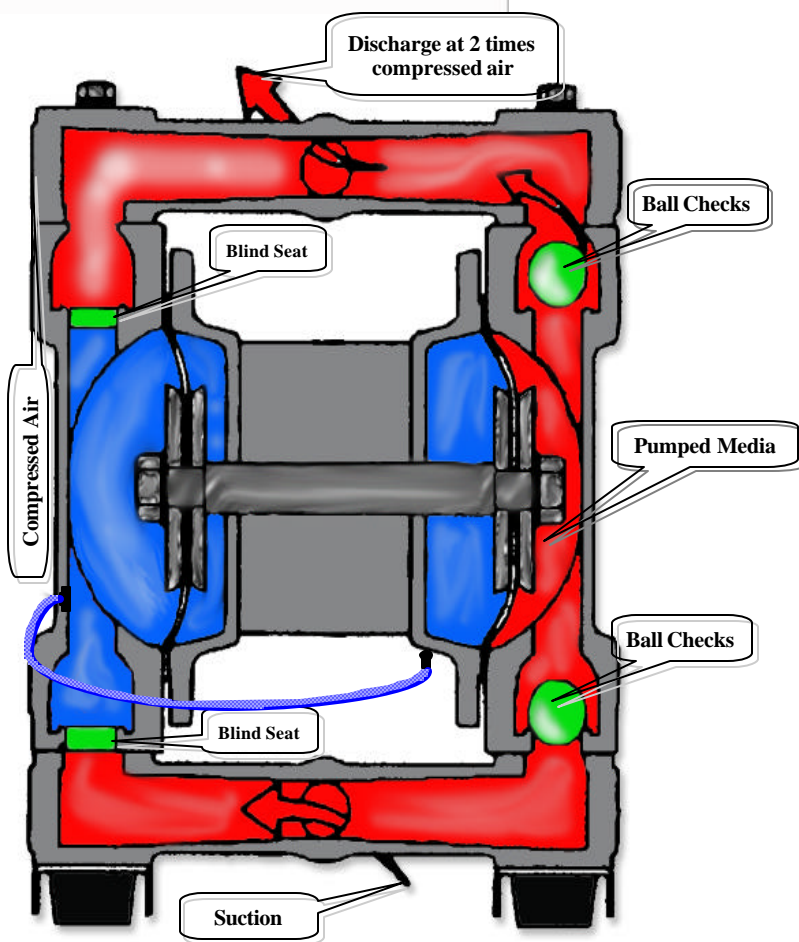
2:1 Pump



The NEW Yamada 2:1 high pressure pump was specifically designed for applications where 100 PSI maximum pump operating pressure is not enough to overcome system requirements. The flow rate is roughly half of the same size pump output, though a discharge pressure of 200 PSI can be achieved with only 100 PSI air inlet pressure supplied. The 2:1 discharge pressure ratio is achieved by utilizing twice the surface area (driving both diaphragms) to double the output.

Key Advantages:

- No elaborate bypass required
- No relief valves required
- No complicated controls required
- Great pressure retention (ability to hold pressure)
- 3/4" through 3" port sizes available
- 316 Stainless Steel, Cast Iron, and Aluminum wetted materials
- Gore®, EPDM, Neoprene, Buna N, Viton®, Santoprene®, and Hytrel® elastomers
- Capacities from 1 to 100 GPM
- Discharge pressure to 200PSI
- Can handle solids as large as <math>< 13/32'' </math> (10mm)
- Can run dry without damage



APPLICATIONS

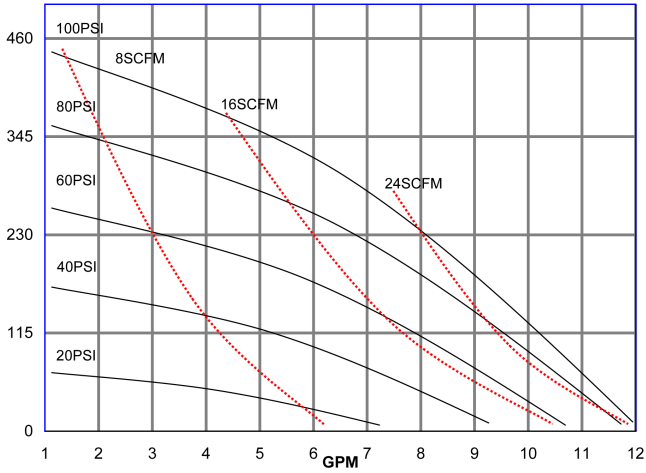
- Charging filter press
- High head requirements
- High viscosity fluids
- Solids laden slurries

Industry flows
through **Yamada** pumps
CALL TOLL FREE 1.800.990.7867

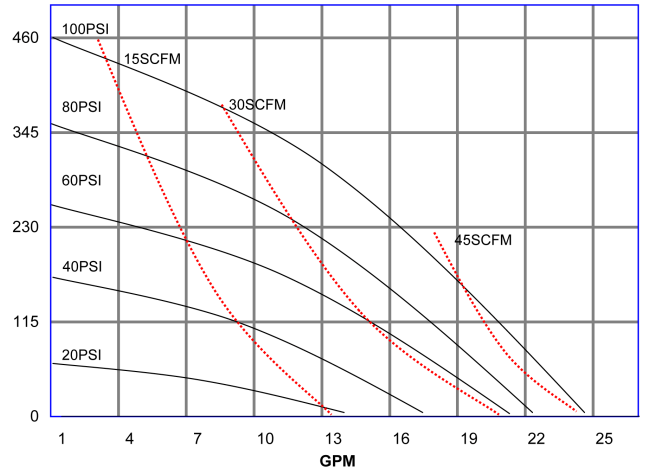
Yamada America, Inc
1200 Nuclear Drive
West Chicago, IL 60185
Phone: 630.231.4083
Fax: 630.231.7405
www.yamadapump.com
sales@yamadapump.com

2:1 Performance Curves

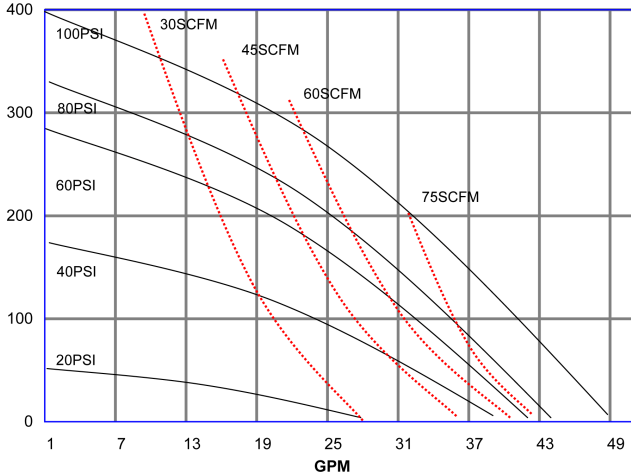
Feet (THD) **NDP-20 Metal - High Pressure 2:1**



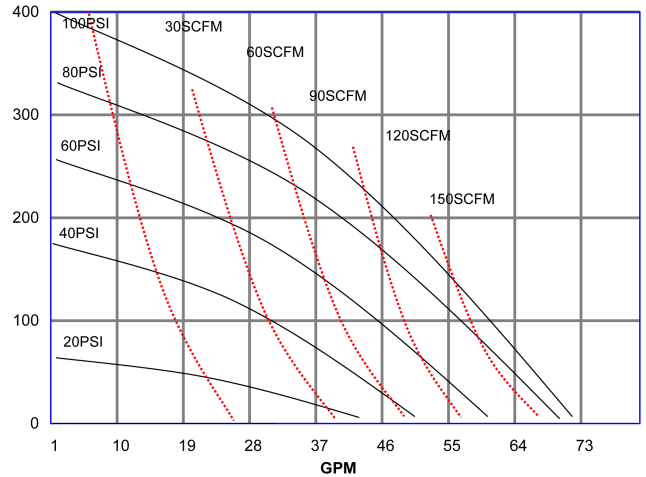
Feet (THD) **NDP-25 Metal - High Pressure 2:1**



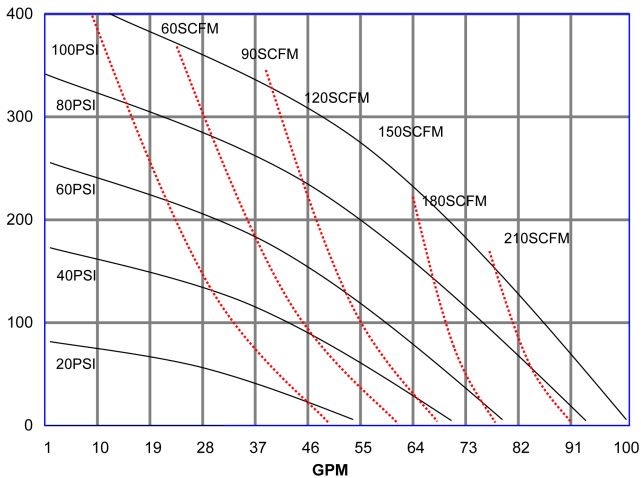
Feet (THD) **NDP-40 Metal - High Pressure 2:1**



Feet (THD) **NDP-50 Metal - High Pressure 2:1**



Feet (THD) **NDP-80 Metal - High Pressure 2:1**



Performance Data:

Performance curves are test based on normal temperatures (70°F) and fresh water. The discharge volume and discharge head vary according to the viscosity, specific gravity, etc. of the material to be transferred by air pressure.



Your local distributor:

Form# DM0402