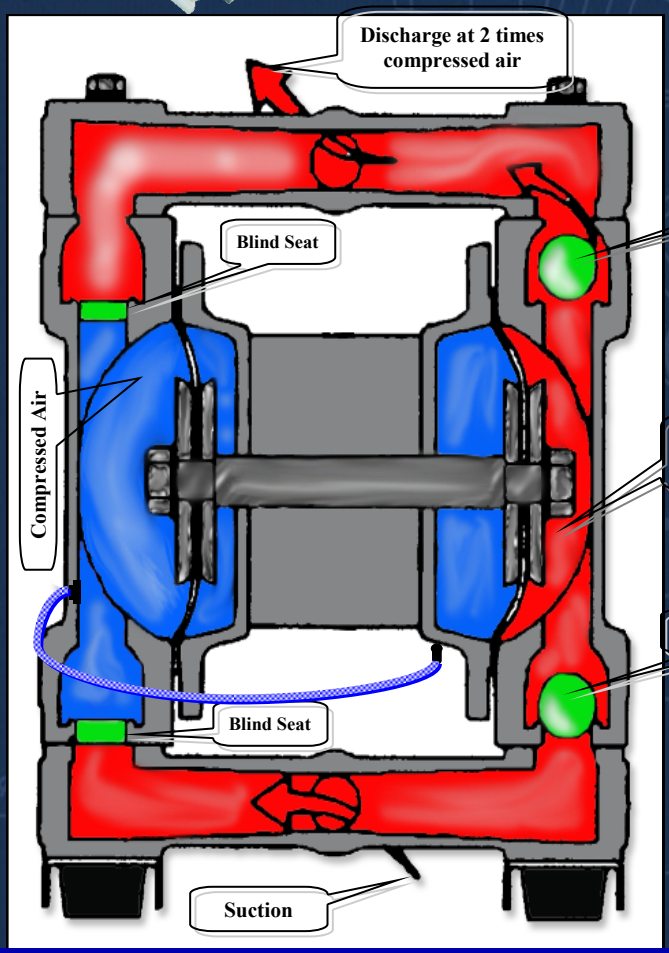
yamada®

2:1 Pump

The 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
- EPDM, Neoprene, Buna N, Viton® fluoroelastomer, Santoprene®, and Hytrel® elastomers
- Capacities from 1 to 100 GPM
- Discharge pressure to 200PSI
- Can handle solids as large as <13/32" (10mm)

APPLICATIONS

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

The Proof's in the Pump

CALL TOLL FREE 800.990.7867

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Fax: 847.631.9273
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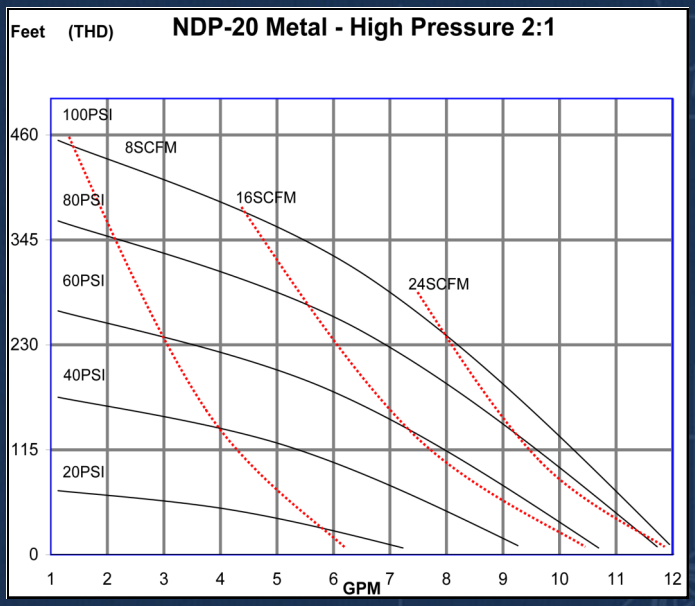
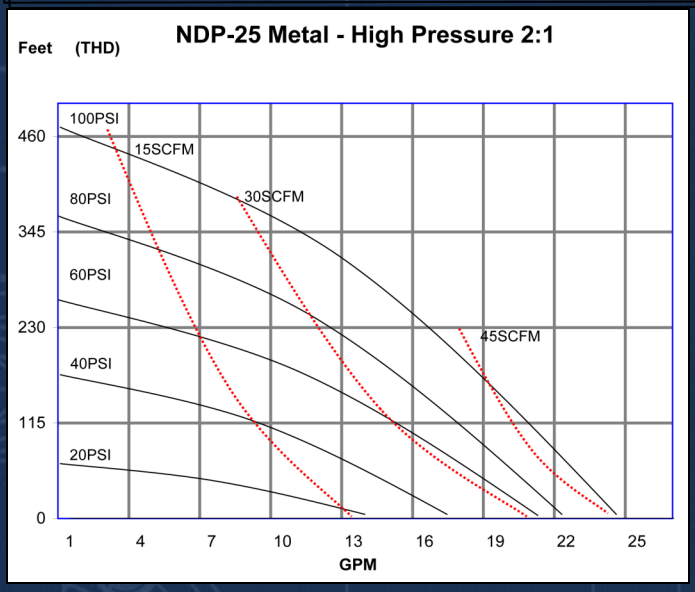
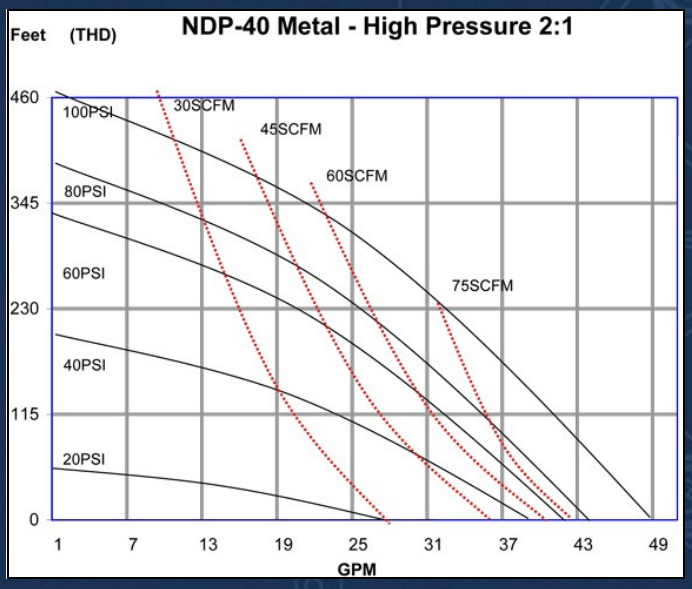
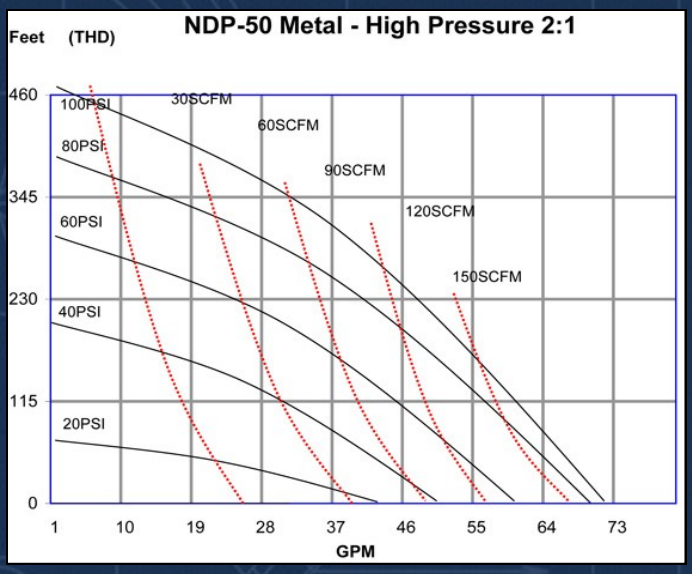
sales@yamadapump.com

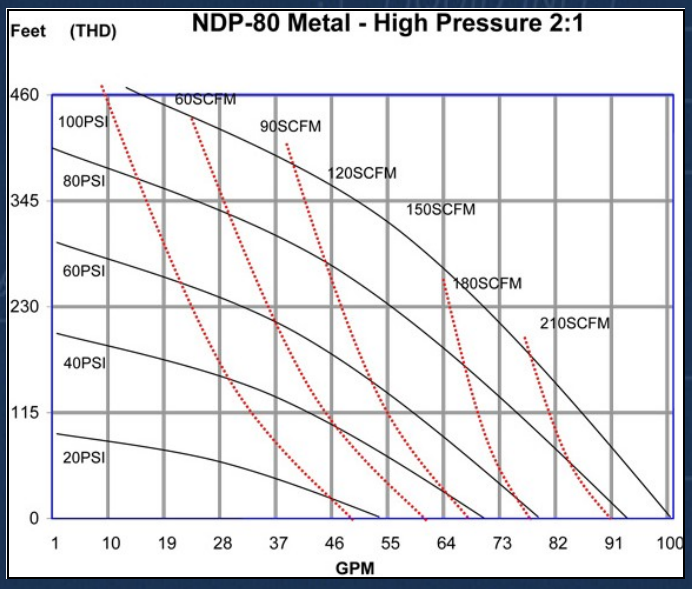
2:1 Performance Curves











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

Note: 2:1 high pressure pumps are considered simplex pumps which will increase pulsation during operation. Consult Yamada for proper pulsation dampener selection.

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Your local distributor:

Nordel®, Viton®, Teflon® & Hytrel® are registered trademarks of DuPont Performance Elastomers Santoprene® is a registered trademark of Monsanto Company

Note: Due to Yamada's continued commitment to product improvement, specifications may change without notice.