

NDP-800 Specifications

Port Dimensions 305 GPM Max.

Intake & discharge connection:

Stainless Steel	3" Flange & NPT
Air inlet (incl. ball valve):	3/4" Female NPT
Air exhaust (incl. silencer):	1" Female NPT

Note: Flow rates could change based on application conditions.

Maximum Liquid Temperature*

Diaphragm Material	Temperature
Buna N	180°F (82°C)
Neoprene	180°F (82°C)
Santoprene® (TPO)	180°F (82°C)
EPDM	212°F (100°C)
PTFE	212°F (100°C)
Hytrel® (TPEE)	248°F (120°C)
Viton	248°F (120°C)
Ultimate	212°F (100°C)

*The maximum liquid temperature for metal pumps is determined by the elastomer (diaphragm material).

Air Supply Pressure (All Models):

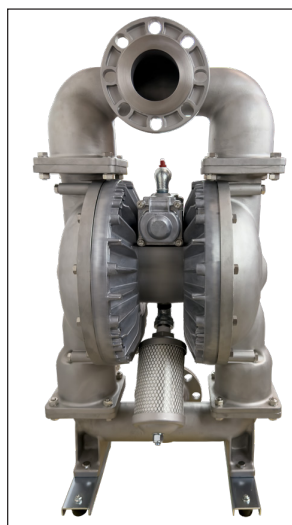
20–120 PSI (1.4–8.4 kgf/cm²)

Maximum Size Solid: 13/32" (10 mm)

Maximum Dry Suction Lift 18 ft (5.5 m)

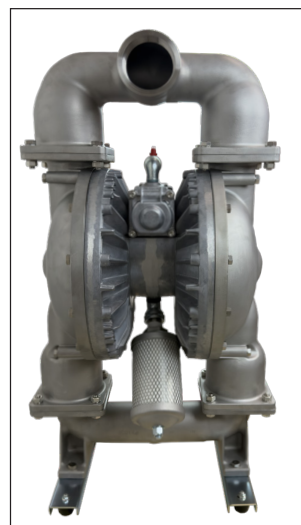
Air Motor: Aluminum

Valve Type Ball



Stainless Steel

Flange Dimensions:
21"L x 16.40"W x 37.10"H
Net Wt.: 231 lbs.
Shipping Wt.: 271 lbs.



Stainless Steel

NPT Dimensions:
21"L x 16.40"W x 37.10"H
Net Wt.: 231 lbs.
Shipping Wt.: 271 lbs.

Model Number Nomenclature

NDP-800 B x x

Series:
NDP-800
pump

Valve Type:
B = Ball

Body Material:
S = Stainless Steel

Diaphragm Material:
C = Neoprene
N = Buna N (NBR)
E = Nordel™ (EPDM)
S = Santoprene® (TPO)
T = PTFE
H = Hytrel® (TPE)
V = Viton® (FPM)
W = Ultimate

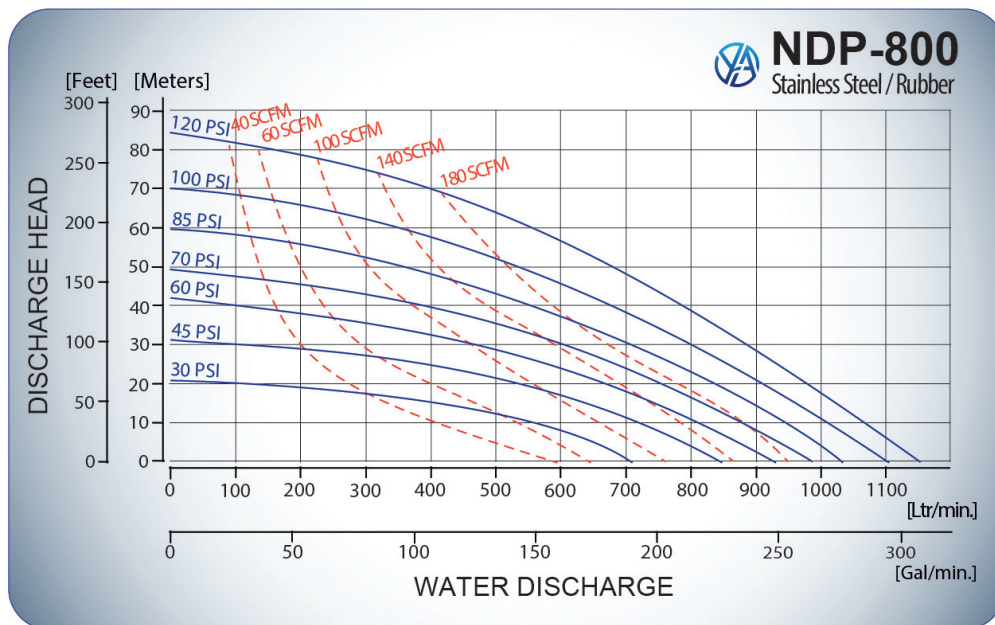


Yamada America, Inc. 955 E. Algonquin Rd., Arlington Heights, IL 60005
USA Toll-Free: 800-990-7867 | Phone: 847-631-9200 | Fax: 847-631-9273
Email: sales@yamadapump.com | Web: yamadapump.com

© 2026 Yamada America, Inc.

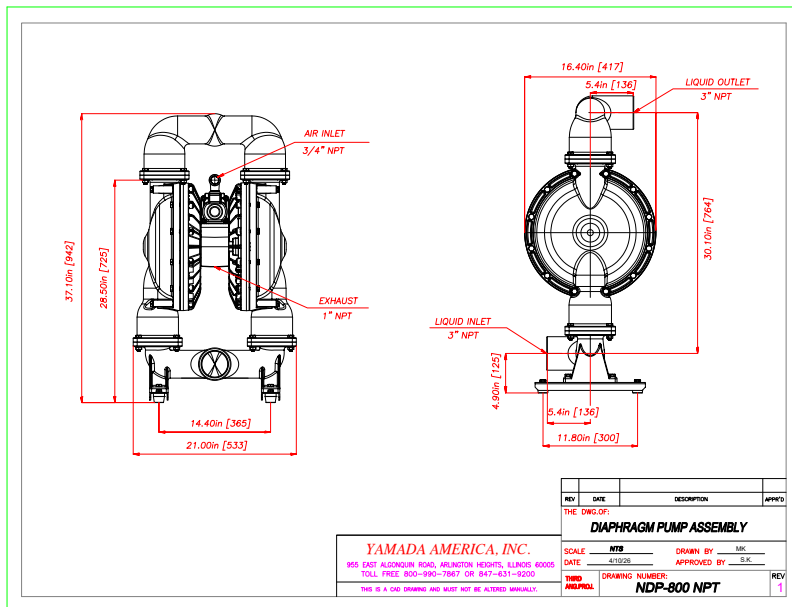
Performance Curve

NDP-800 Curve

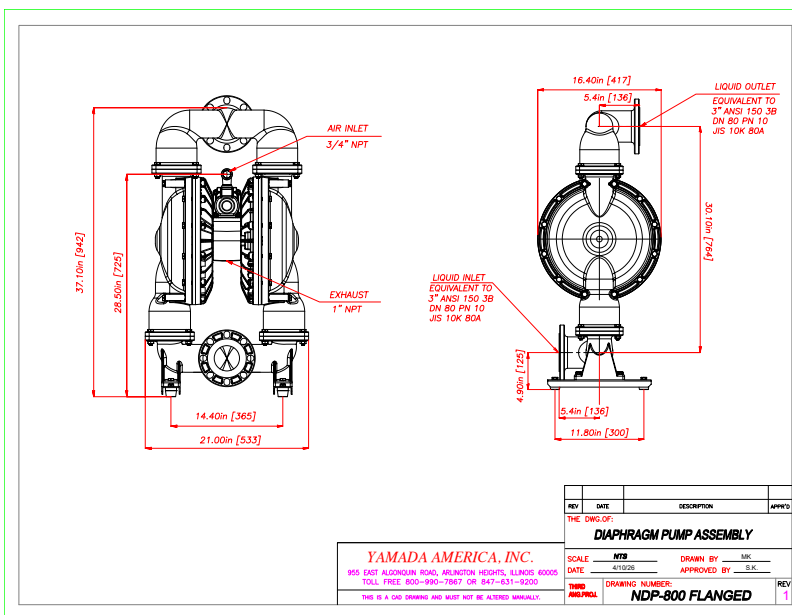


Dimensions

NDP-800 NPT



NDP-800 FLANGE



Hytrel® is a registered trademark of E.I. du Pont de Nemours and Company.

Santoprene® is a registered trademark of Advanced Elastomer Systems.

Yamada® is a registered trademark of Yamada America, Inc.

Global Series® is a registered trademark of Yamada America, Inc.

The Proof's in the Pump® is a registered trademark of Yamada America, Inc.

The Proof is in the Pump® is a registered trademark of Yamada America, Inc.

Engineered to Perform. Designed to Outlast.® is a registered trademark of Yamada America, Inc.

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



Yamada America, Inc. 955 E. Algonquin Rd., Arlington Heights, IL 60005
 USA Toll-Free: 800-990-7867 | Phone: 847-631-9200 | Fax: 847-631-9273
 Email: sales@yamadapump.com | Web: yamadapump.com

© 2026 Yamada America, Inc.