

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):

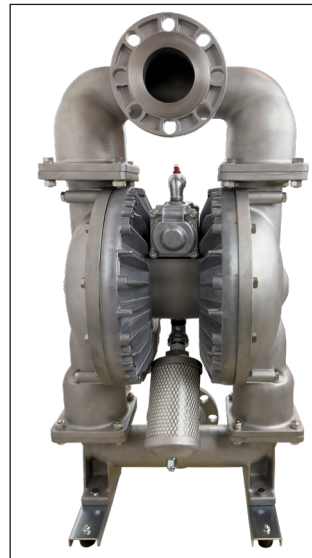
20 – 120 PSI (1.4 – 8.4 kgf/cm²)

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

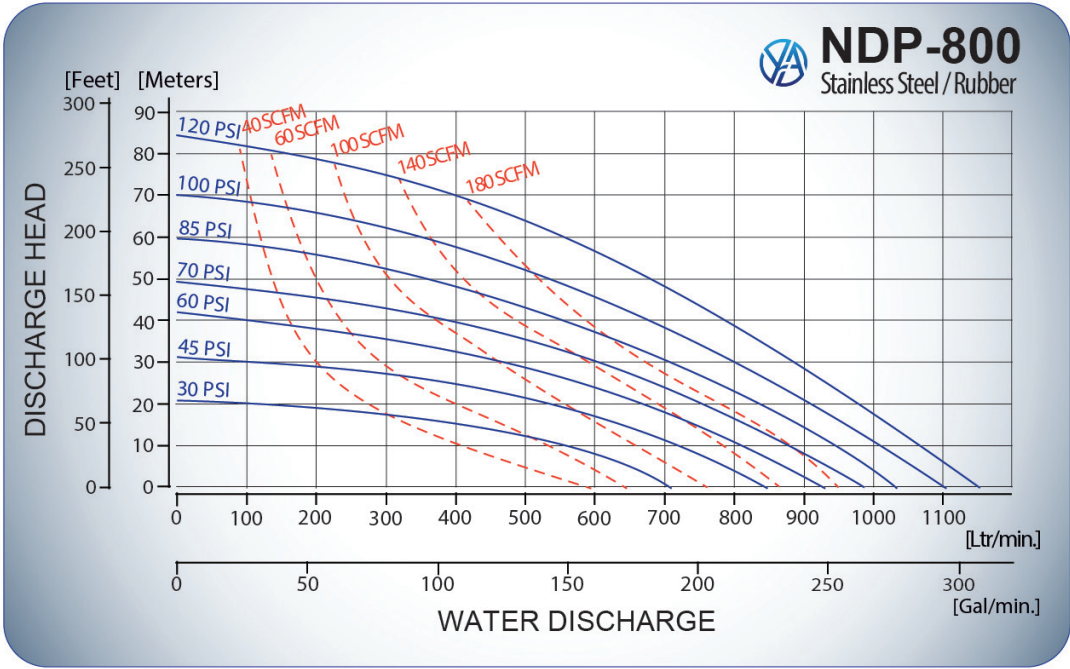
Body Material:
S = Stainless Steel

Diaphragm Material:

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

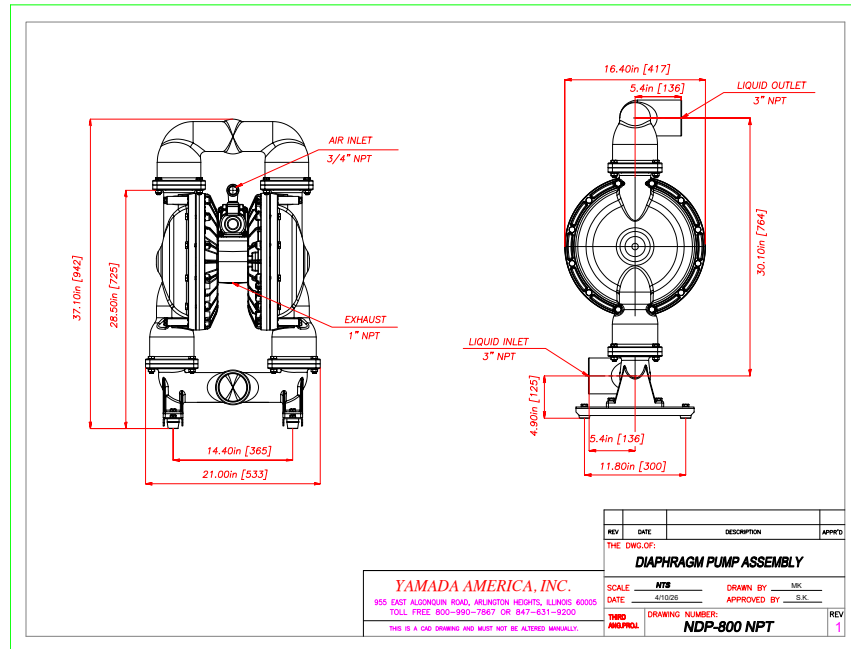
Performance Curve

NDP-800 Curve

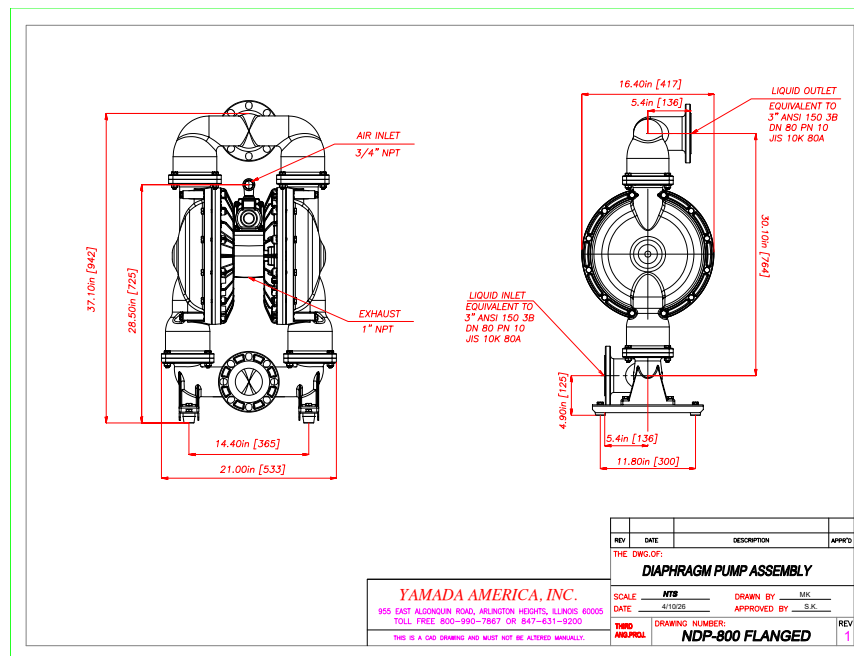


Dimensions

NDP-800 NPT



NDP-800 FLANGE



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 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.
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 The Proof is in the Pump® is a registered trademark of Yamada America, Inc.
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 Due to Yamada's continued commitment to product improvement, specifications may change without notice.