

NDP-32 Specifications

Port Dimensions (50.2 GPM Max.)

Intake & discharge connection:

Aluminum (ADC-12)	1-1/2" Fluid Intake Port 1-1/4" Fluid Discharge Port (NPT)
Air inlet (incl. ball valve):	3/8" Female NPT
Air exhaust (incl. silencer):	3/4" Female NPT

Maximum Liquid Temperature*

Diaphragm Material	Temperature
Buna N	180°F (82°C)
Santoprene® (TPO)	180°F (82°C)
PTFE	212°F (100°C)

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

Air Supply Pressure (All Models)

20–100 PSI (1.4–7 kgf/cm²)

Discharge Volume Per Cycle

Rubber diaphragm: 0.176 gallons

PTFE diaphragm: 0.147

Maximum Cycles Per Minute

Rubber diaphragm: 285

PTFE diaphragm: 296

Maximum Size Solid

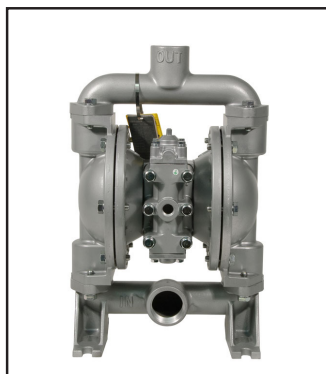
1/8" (3 mm)

Air Motor

Aluminum air motor is standard

Valve Type

Ball



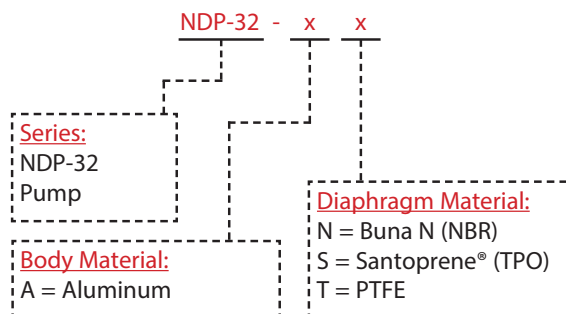
Aluminum (NPT)

Dimensions: 11.18"L x 6.69"W x 16.87"H

Net Wt.: 26.5 lbs. (12.0 kg)

Shipping Wt.: 31.5 lbs.

Model Number Nomenclature



Notes: Santoprene® fitted pumps include EPDM wetted o-rings.

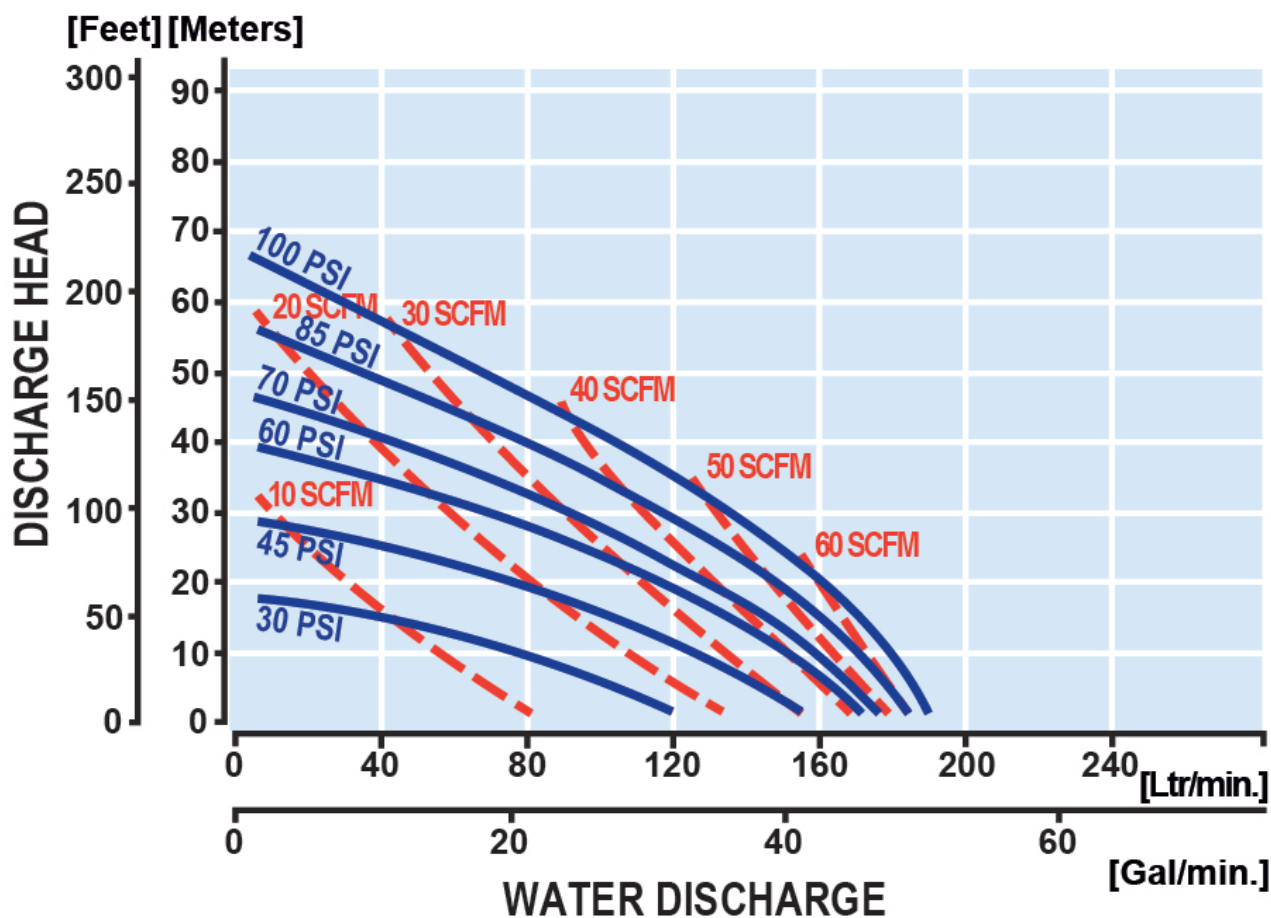


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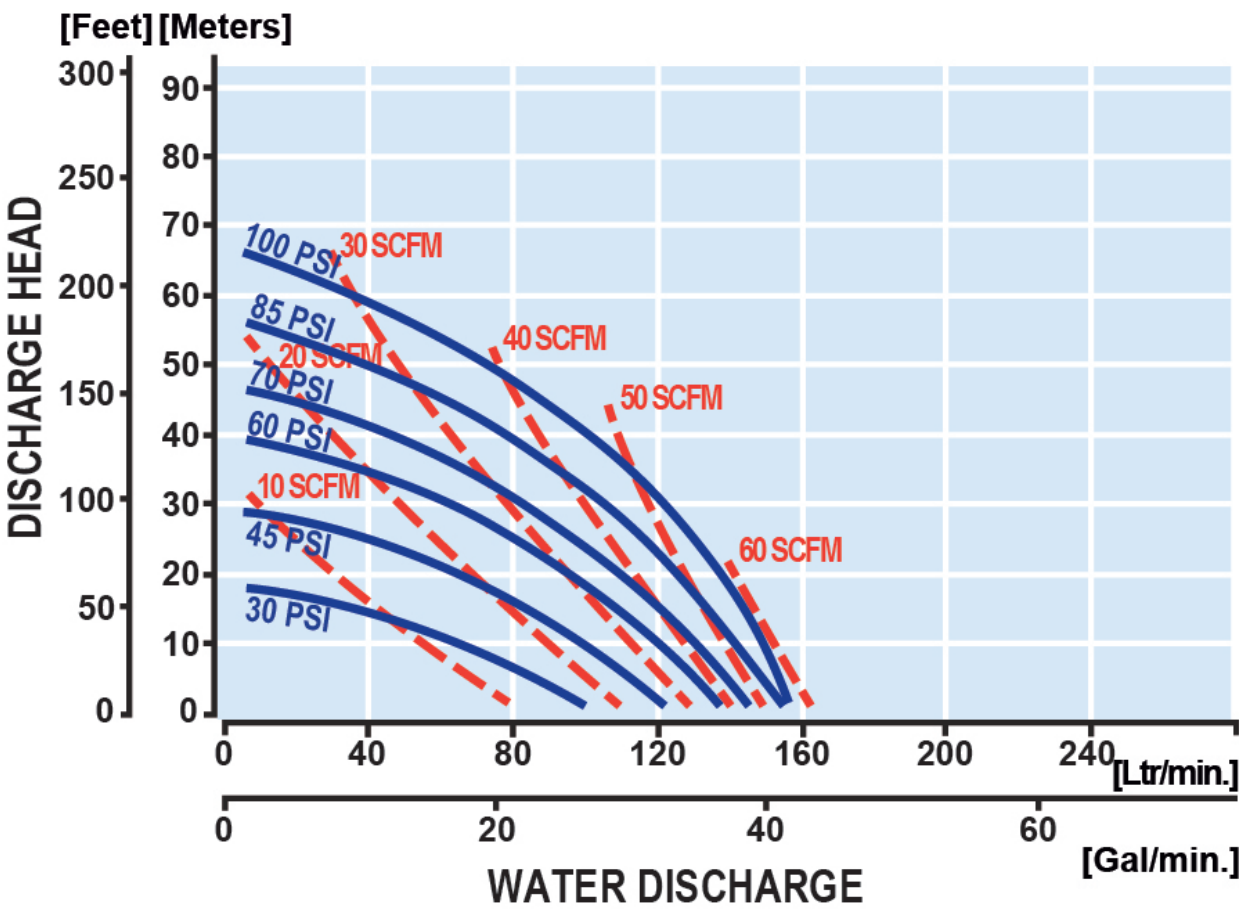
NDP-32 Performance Curve - Rubber

Rubber Diaphragm Performance Curve



NDP-32 Performance Curve - PTFE

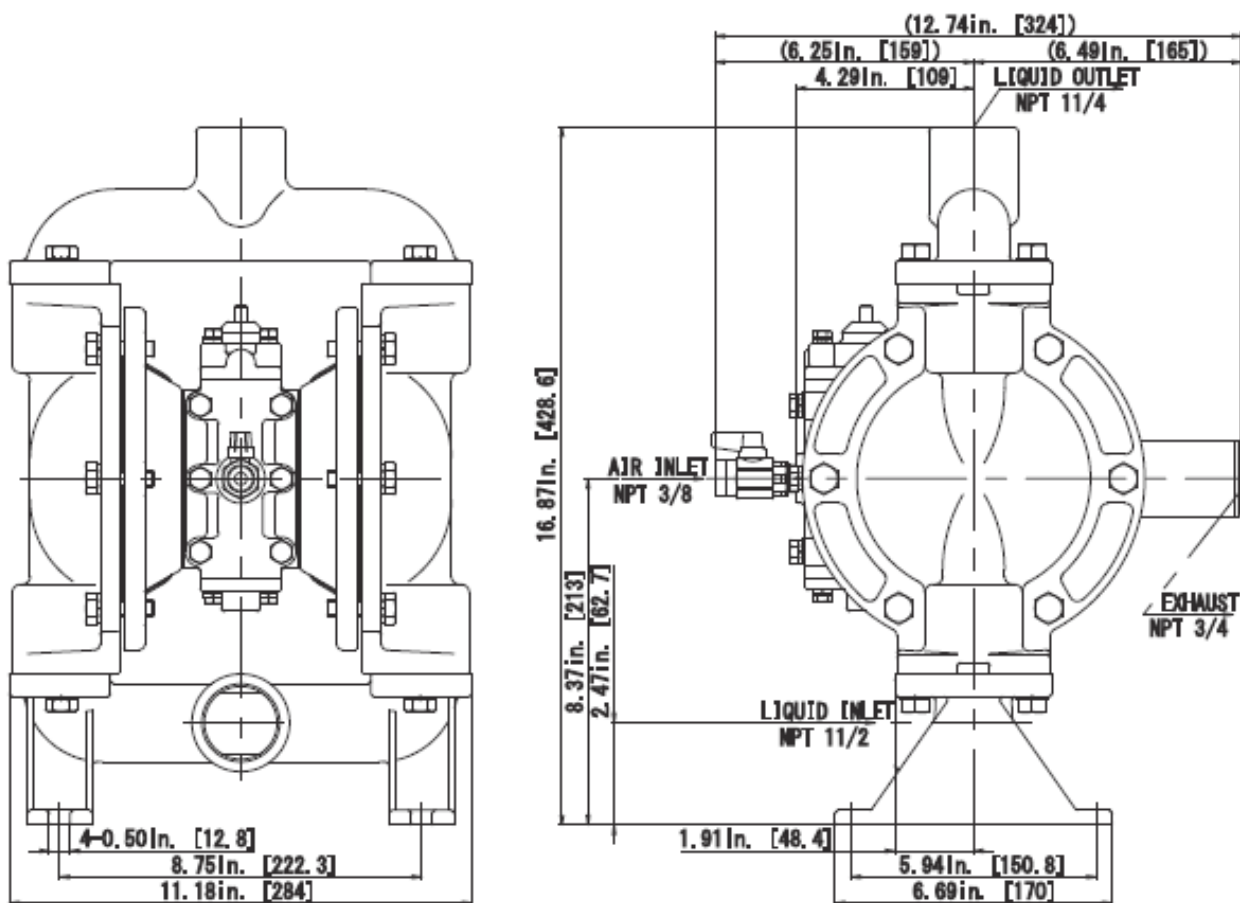
PTFE Diaphragm Performance Curve



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NDP-32 DIMENSIONAL DRAWING



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



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