

NDP-50 SERIES

Maximum Capacity 620 l/min
Port Size 2 Inch (50 mm)



NDP-50 Cast-iron

Dimensions: 450 mm W x 776 mm H
Net Wt.: 64,0 kg
Shipping Wt.: 76,0 kg

NDP-50 Aluminum

Dimensions:
452 mm W x 779 mm H
Net Wt.: 36,0 kg
Shipping Wt.: 48,0 kg



NDP-50 Stainless Steel

Dimensions:
450 mm W x 782 mm H
Net Wt.: 63,0 kg
Shipping Wt.: 75,0 kg



NDP-50 Polypropylene

Dimensions:
472 mm W x 821 mm H
Net Wt.: 37,0 kg
Shipping Wt.: 49,0 kg



NDP-50 Groundable Kynar® (PVDF)

Dimensions:
472 mm W x 821 mm H
Net Wt.: 42,0 kg
Shipping Wt.: 54,0 kg



NDP-50 SERIES SPECIFICATIONS

Port Dimensions

Intake & discharge connection:

Polypropylene (PPG)	2" 50 mm DN50 PN10
Groundable Kynar® (PVDF)	2" 50 mm DN50 PN10
Aluminum (ADC-12)	2" 50 mm DN50 PN10
(Combi Flange with tapped 2" 50 mm Female Rc)	
Electro-Polished	
Stainless Steel (316)	2" 50 mm DN50 PN10
Cast Iron	2" 50 mm Female Rc
Air inlet (incl. ball valve):	3/4" 20 mm Female Rc
Air exhaust (incl. silencer):	1" 25 mm Female Rc

Notes: Flange connections are equivalent to DN 50 PN 10 and JIS 10K 50A and ANSI 150 2

Air Supply Pressure (All Models)

1,4 – 7 Bar (0,14 – 0,7 MPa)

Discharge Volume Per Cycle

Rubber diaphragm: 4,25 liters

PTFE diaphragm: 2,61 liters

Maximum Cycles Per Minute

Rubber diaphragm: 146

PTFE diaphragm: 220

Maximum Size Solid

8,0 mm (5/16")

Maximum Dry Suction Lift

Rubber-fitted pump capability: 5,8 m

Air Motor

Standard: Aluminum

Optional: Teflon®-coated, or Electroless Nickel Plate

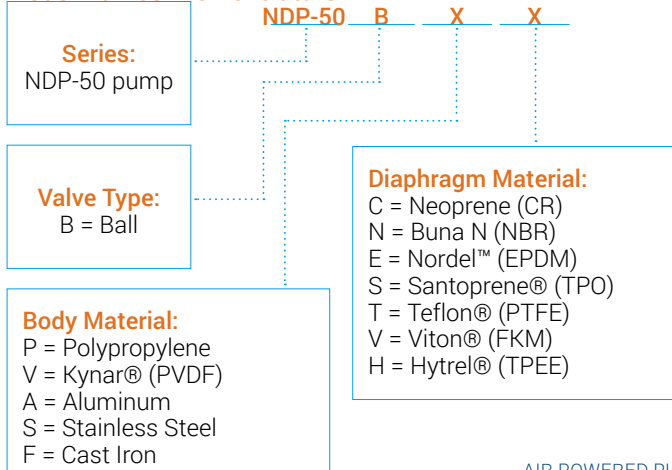
Notes:

All Polypropylene, Aluminum, Cast Iron, and SS Hytrel® fitted pumps include Buna-N wetted o-rings.

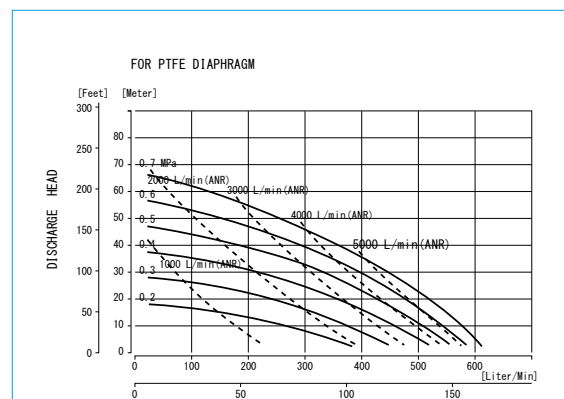
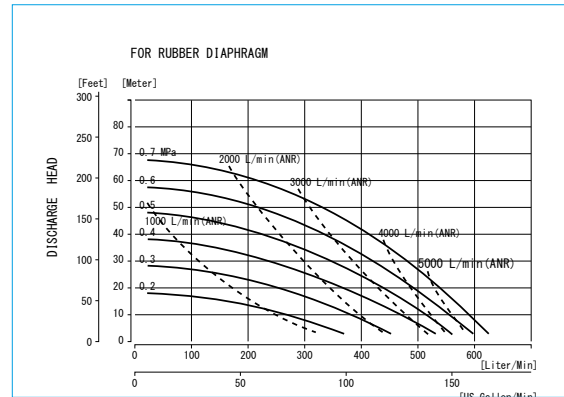
Santoprene® fitted pumps include EPDM wetted o-rings.

Kynar® (PVDF) pumps fitted with Santoprene® include Santoprene® check balls & PTFE o-rings, Hytrel®, or Teflon® include Teflon® check balls & o-rings.

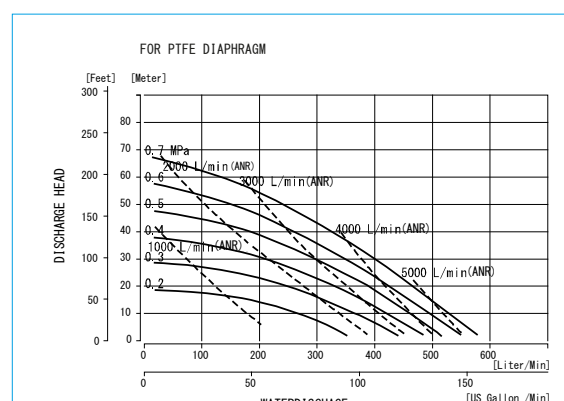
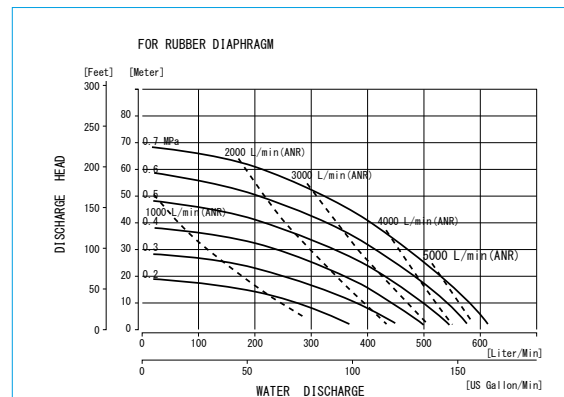
Model Number Nomenclature



Metalpump Performance Curve



Plastic Pump Performance Curve



Additional options listed on page 35.