

# NDP-80 SERIES

Maximum Capacity 814 l/min  
Port Size 3" (80 mm)



## NDP-80 Stainless Steel

Dimensions: 521 mm W x 984 mm H  
Net Wt.: 104,0 kg  
Shipping Wt.: 119,0 kg

## NDP-80 Aluminum

Dimensions:  
522 mm W x 998 mm H  
Net Wt.: 62,0 kg  
Shipping Wt.: 77,0 kg



## NDP-80 Cast Iron

Dimensions:  
521 mm W x 984 mm H  
Net Wt.: 110,0 kg  
Shipping Wt.: 125,0 kg



## NDP-80 Polypropylene

Dimensions:  
580 mm W x 1044 mm H  
Net Wt.: 70,0 kg  
Shipping Wt.: 85,0 kg



# NDP-80 SERIES SPECIFICATIONS

## Port Dimensions

Intake & discharge connection:

Polypropylene (PPG)	3" 80 mm DN 80 PN 10
Aluminum (ADC-12)	3" 80 mm DN 80 PN 10 (Combi Flange with tapped 3" 80 mm Female Rc)
Electro-Polished Stainless Steel (316)	3" 80 mm DN 80 PN 10
Cast Iron	3" 80 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 80 PN 10 and JIS 10K 80A and ANSI 150 3

## Air Supply Pressure (All Models)

1,4 – 7 Bar (0,14 – 0,7 MPa)

## Discharge Volume Per Cycle

Rubber diaphragm: 8,57 liters

PTFE diaphragm: 3,8 liters

## Maximum Cycles Per Minute

Rubber diaphragm: 95

PTFE diaphragm: 160

## Maximum Size Solid

10,0 mm (13/32")

## Maximum Dry Suction Lift

Rubber-fitted pump capability: 5,8 m

## Air Motor

Standard: Aluminum

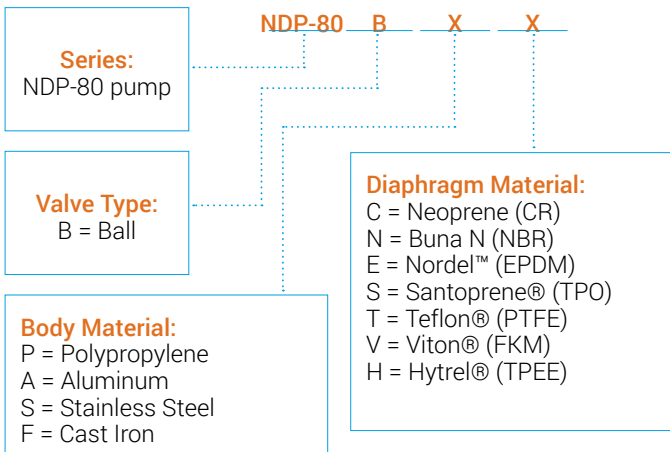
Optional: Teflon®-coated, or Electroless Nickel Plate

## Notes:

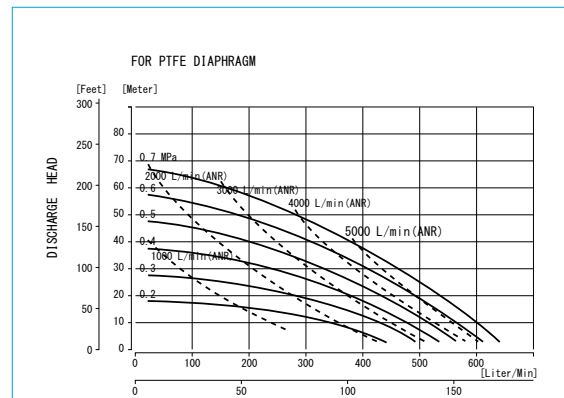
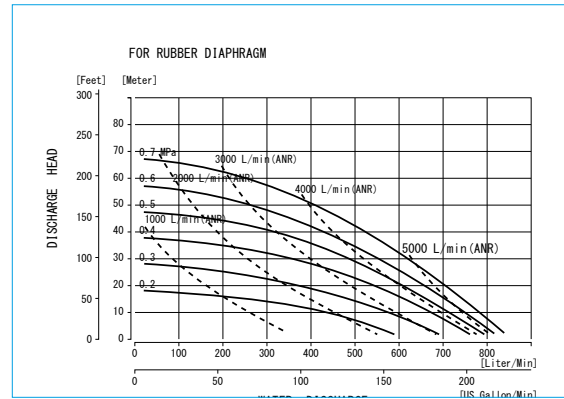
All Polypropylene, Aluminum, Cast Iron, and SS Hytrel® fitted pumps include Buna-N wetted o-rings.

Santoprene® fitted pumps include EPDM wetted o-rings.

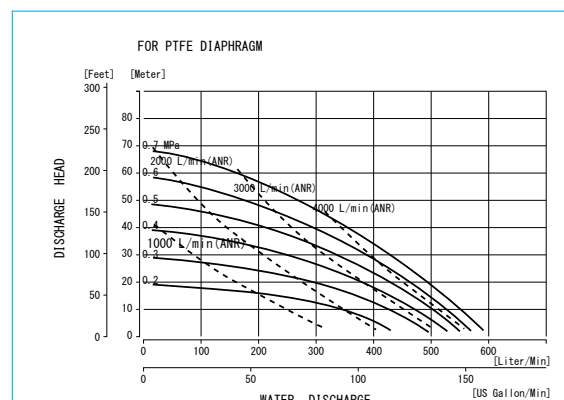
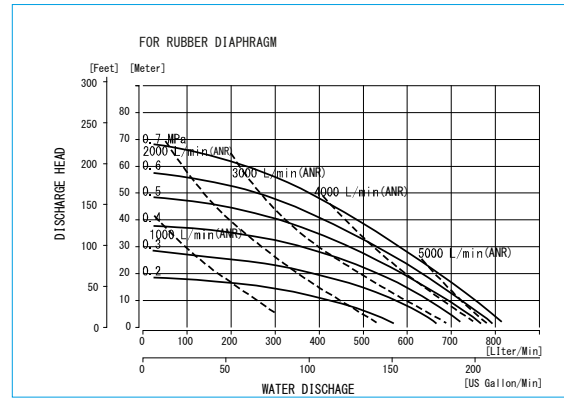
## Model Number Nomenclature



## Metal Pump Performance Curve



## Plastic Pump Performance Curve



Additional options listed on page 35.