

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
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Cast Iron	3" 80 mm Female Rc
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Air inlet (incl. ball valve):	3/4" 20 mm Female Rc
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Air exhaust (incl. silencer):	1" 25 mm Female Rc
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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

Notes:

Hytrel®-fitted pumps include Buna-N wetted o-rings.

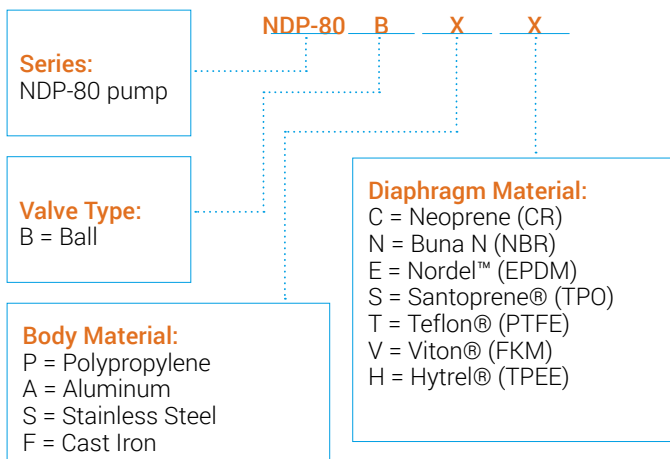
Santoprene®-fitted pumps include EPDM wetted o-rings.

Kynar® (PVDF) pumps:

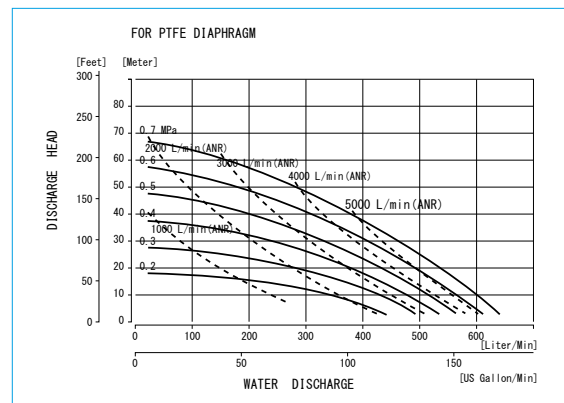
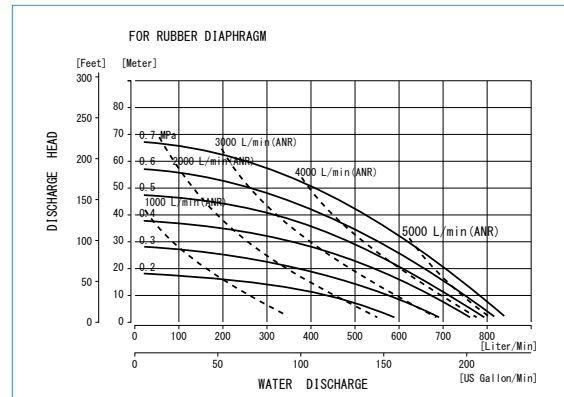
fitted with Santoprene® includes: santoprene balls and PTFE o-rings.

fitted with Hytrel® includes: hytrel balls and PTFE o-rings.

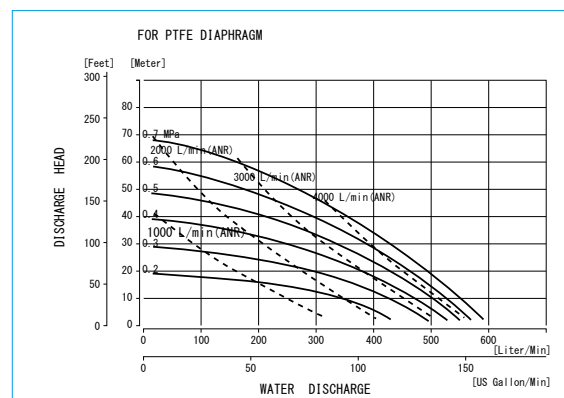
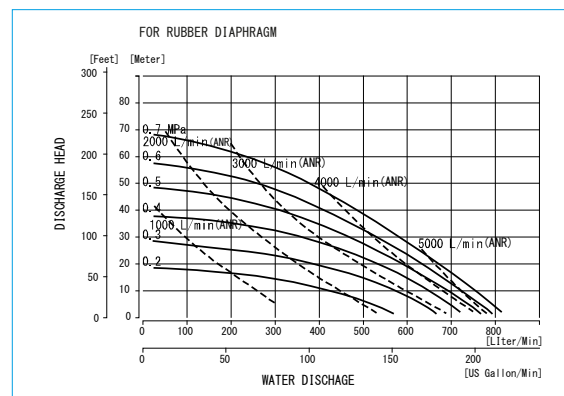
Model Number Nomenclature



Metal Pump Performance Curve



Plastic Pump Performance Curve



Additional options listed on page 41.