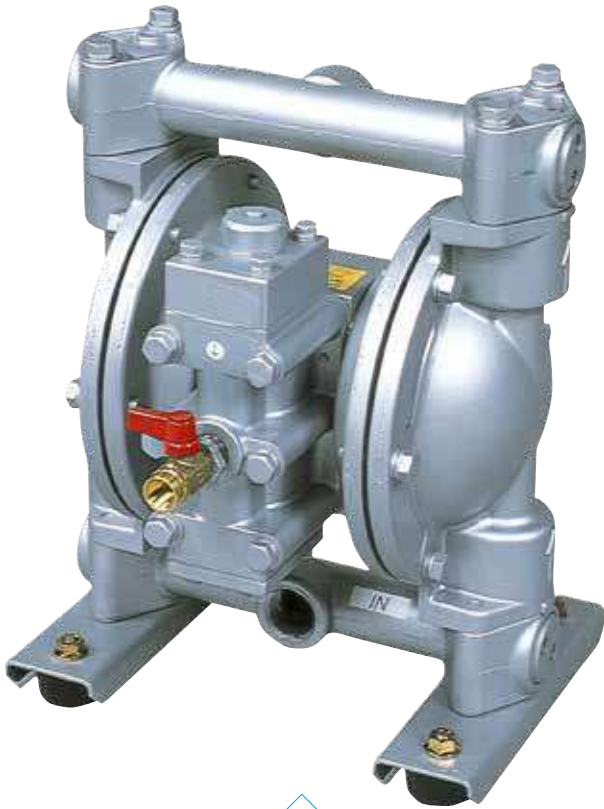


NDP-20 SERIES

Maximum Capacity 120 l/min
Port Size 3/4" (20 mm)



NDP-20 Aluminum
Dimensions:
249 mm W x 320 mm H
Net Wt.: 9,0 kg
Shipping Wt.: 10,4 kg

NDP-20 Polypropylene-Rc
Dimensions:
316 mm W x 368 mm H
Net Wt.: 8,2 kg
Shipping Wt.: 10,2 kg



NDP-20 Polypropylene-DN Flange
Dimensions:
316 mm W x 375 mm H
Net Wt.: 8,2 kg
Shipping Wt.: 10,2 kg



NDP-20 Stainless Steel
Dimensions:
249 mm W x 320 mm H
Net Wt.: 13,9 kg
Shipping Wt.: 14,5 kg



NDP-20 SERIES SPECIFICATIONS

Port Dimensions

Intake & discharge connection:

Polypropylene (PPG)	3/4" 20 mm Female Rc
Aluminum (ADC-12)	3/4" 20 mm Female Rc
Stainless Steel (316)	3/4" 20 mm Female Rc
Air inlet (incl. ball valve):	3/8" 10 mm Female Rc
Air exhaust (incl. silencer):	3/4" 20 mm Female Rc

DN & ANSI Flange also available—consult Yamada.

Notes: Flange connections are equivalent to DN 20 PN 10 and JIS 10K 20A

Air Supply Pressure (All Models)

1,4 – 7 Bar (0,14 – 0,7 MPa)

Discharge Volume Per Cycle

Rubber diaphragm: 615 cc

PTFE diaphragm: 539 cc

Maximum Cycles Per Minute

Rubber diaphragm: 195

PTFE diaphragm: 195

Maximum Size Solid

2,0 mm (1/16")

Maximum Dry Suction Lift

Rubber-fitted pump capability: 5,5 m

Air Motors

Metal pumps standard with aluminum motor.

Plastic pumps standard with PPG motor.

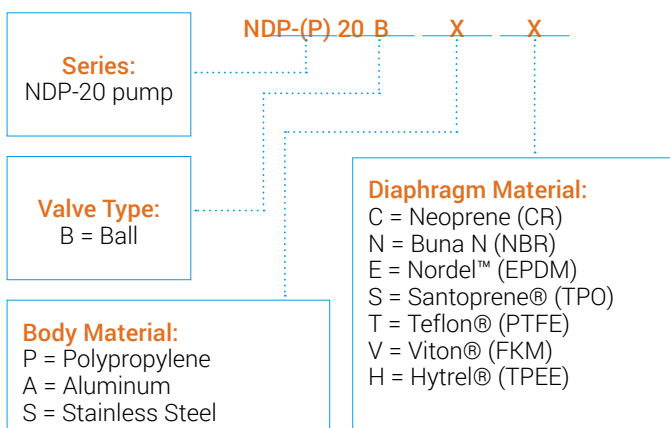
Optional air motors: Teflon®-coated, Electroless Nickel plate for aluminum air motor.

Notes:

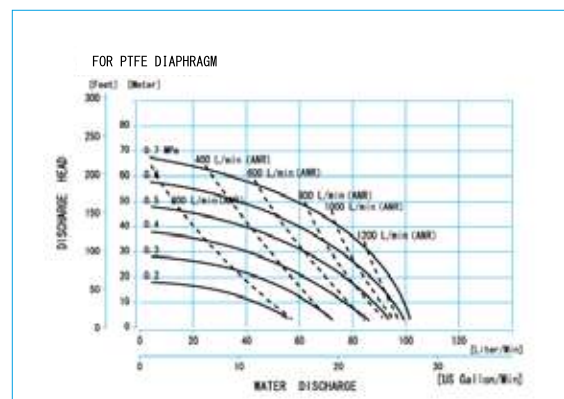
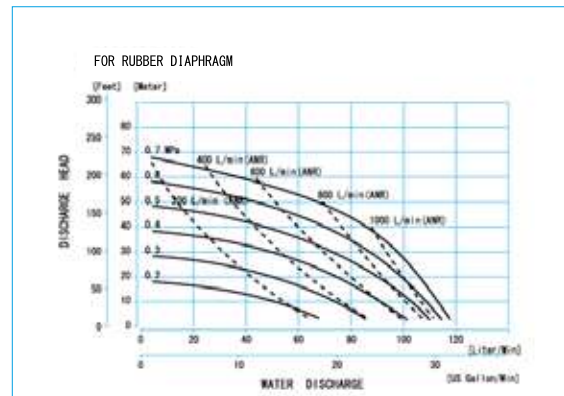
Hytrel®-fitted pumps include Buna-N wetted o-rings.

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

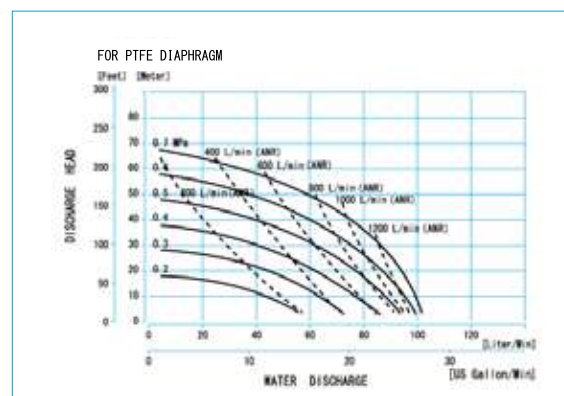
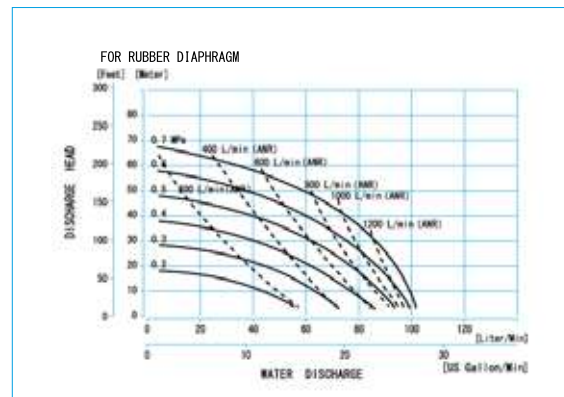
Model Number Nomenclature



Metal Pump Performance Curve



Plastic Pump Performance Curve



Additional options listed on page 35.