

NDP-500 STAINLESS STEEL

**226
GPM**
*Max. Flow
Rate*

The next generation 2" stainless steel air-operated double diaphragm (AODD) pump designed for demanding industrial applications is here. With a maximum flow rate of 226 GPM, this pump combines robust construction with advanced internal technology to deliver reliable, efficient, and consistent performance day in and day out.

Designed for operations that demand durability without sacrificing efficiency, this pump helps reduce downtime, lower operating costs, and perform reliably in the toughest environments.

BUILT FOR JOBS THAT DEMAND MORE MOVEMENT.

KEY PERFORMANCE ADVANTAGES:

High Flow Capacity

- Delivers up to 226 GPM ensuring fast transfer rates and improved process productivity.

Proven Technology

- Built on the NDP pump platform, the 500 uses all the same wearing parts as your NDP-50 pumps making maintenance seamless.

Extended Diaphragm Life

- Performance optimization minimizes wear and extends service intervals, reducing maintenance frequency and total cost of ownership.

Ease of Maintenance

- One universal fastener is used for the entire pump body.

Quick Service Design

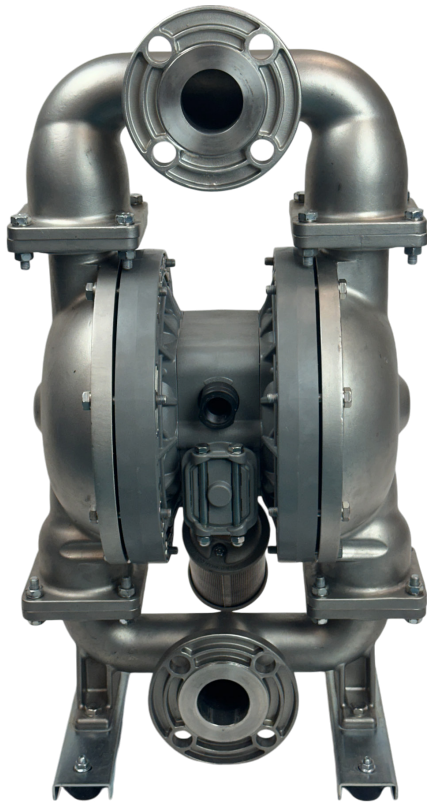
- Square flanges support the pump during maintenance, allowing for quick disassembly and assembly.

Portability

- Less weight than comparable models, making portability, handling and installation easier.



NDP-500 SPECIFICATIONS



**OPTIONAL AIR MOTOR:
POLYPROPYLENE**

PORT DIMENSIONS: 2" FLANGE & NPT
BODY MATERIAL: STAINLESS STEEL
MAXIMUM FLOW RATE: 226 GPM
AIR SUPPLY PRESSURE: 20-120 PSI
LIQUID TEMPERATURE:

Diaphragm Material

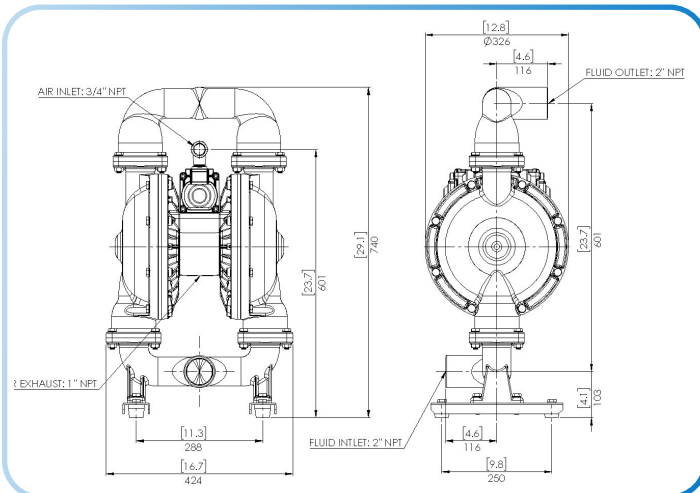
Temperature

Buna N	10 - 180°F	-12 - 82°C
Neoprene	0 - 180°F	-17 - 82°C
Santoprene	-10 - 180°F	-23 - 82°C
EPDM	-40 - 212°F	-40 - 100°C
PTFE	40 - 212°F	4 - 100°C
Hytrel	0 - 248°F	-17 - 120°C
Viton	-20 - 248°F	-28 - 120°C
Ultimate*	-70 - 212°F	-56 - 100°C
Full Flow PTFE	40 - 212°F	4 - 100°C

*Temperature range varies by application. Consult factory.

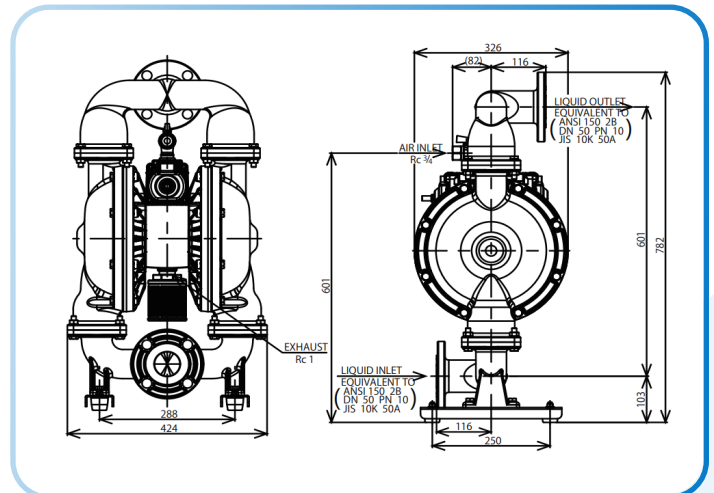
MAXIMUM SOLID SIZE: 5/16" (8 mm)
MAXIMUM LIFT: 18 ft (5.5 m)

NDP-500 NPT



NPT: Net Weight: 134 lbs., Shipping Weight: 141 lbs.
 *Net weight and shipping weight may vary.

NDP-500 FLANGE



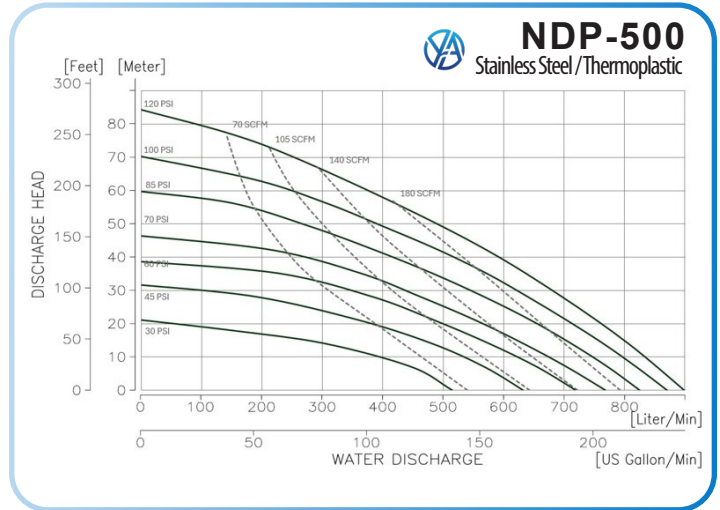
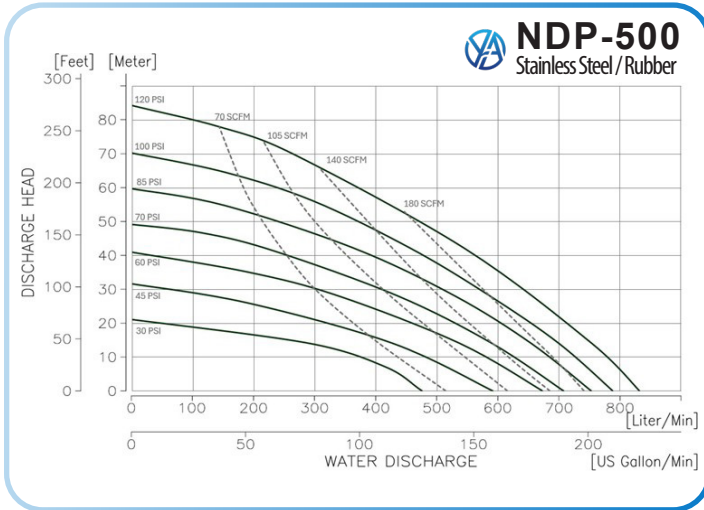
FLANGE: Net Weight: 139 lbs., Shipping Weight: 146 lbs.



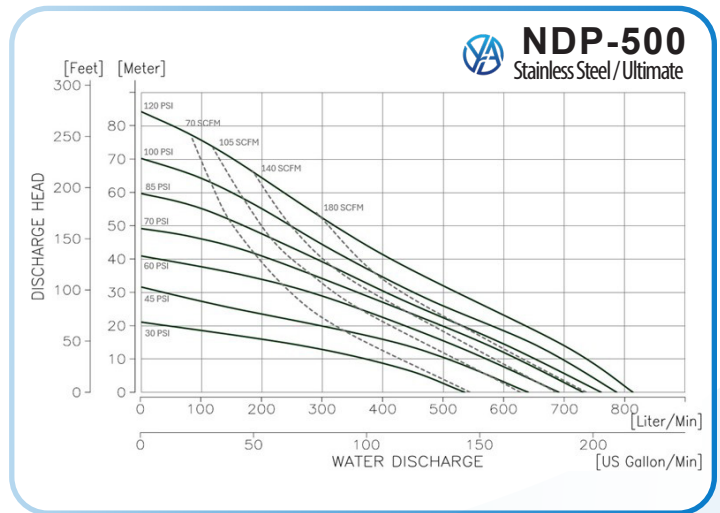
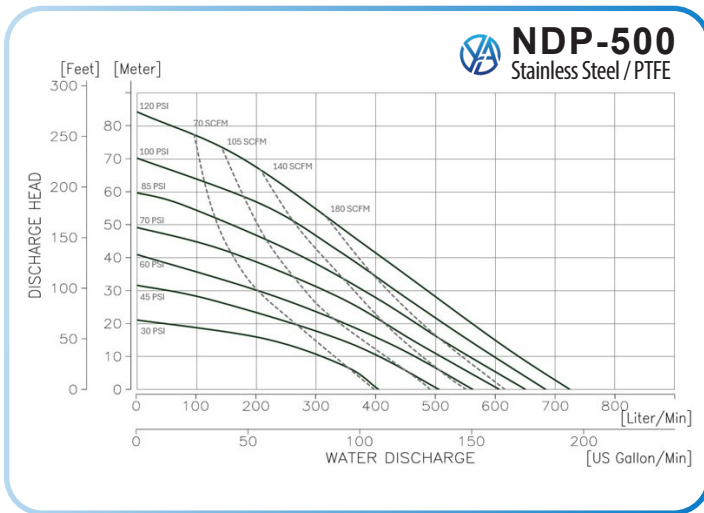
TECHNICAL BULLETIN



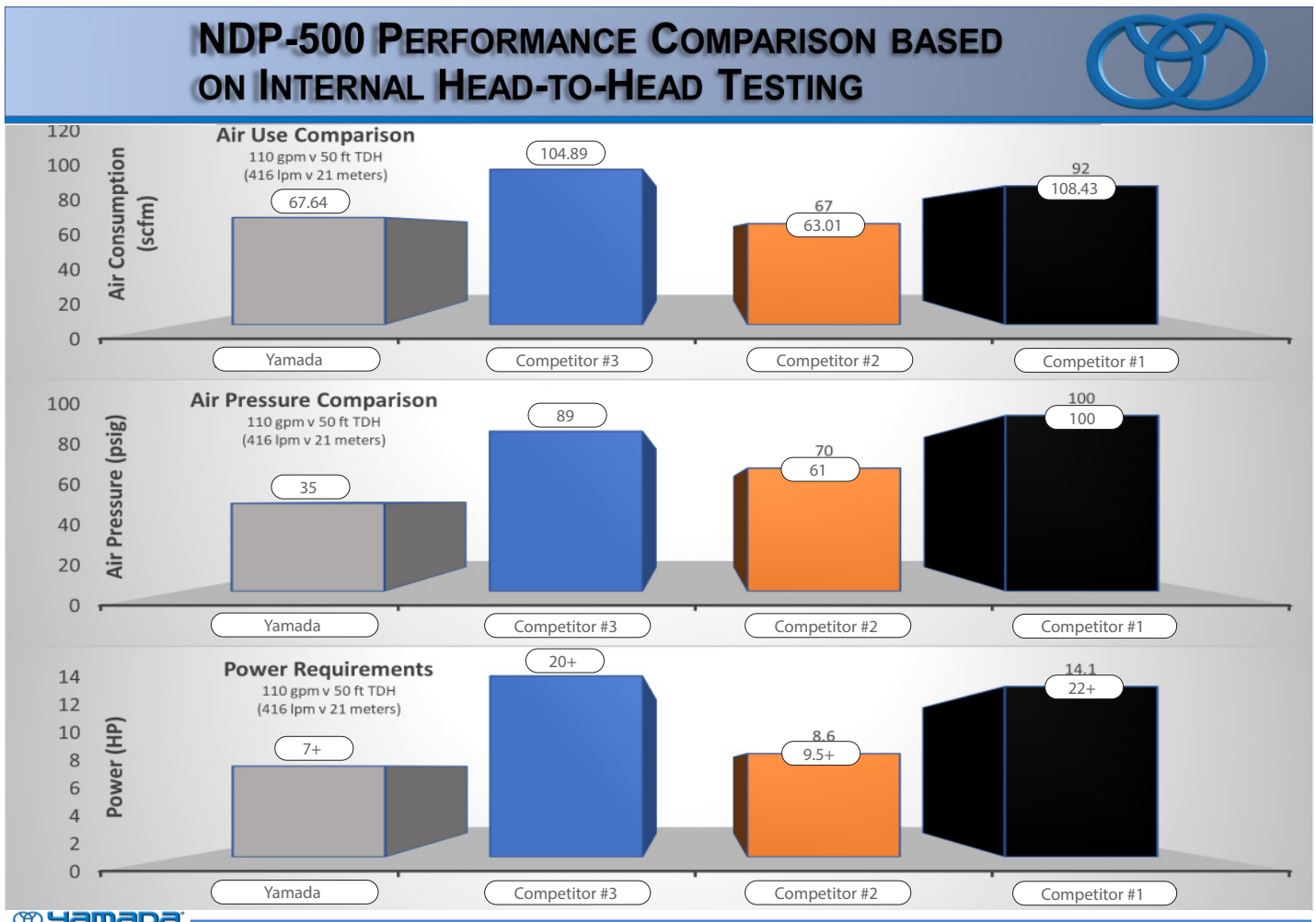
PERFORMANCE CURVE



* This curve also represents the Full Flow PTFE (F).



NDP-500 PERFORMANCE COMPARISON BASED ON INTERNAL HEAD-TO-HEAD TESTING



“TURN THE AIR DOWN, LET THE PUMP DO THE WORK & SAVE MONEY”

- Minimize pulsation amplitude
- Yamada’s long lasting wear parts will last even longer
- Quiet operation
- No vibration

Local Distributor:

