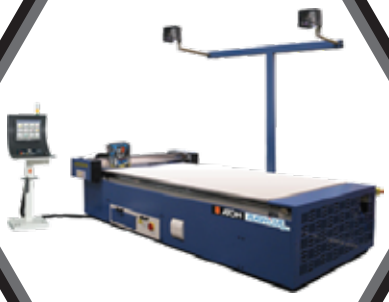
ROTATING EQUIPMENT DIVISION

SEALING DIVISION

SERVICE DIVISION

CORROSIVE FLUID HANDLING DIVISION



MANUFACTURING DIVISION

SEALING DIVISION

ROTATING EQUIPMENT DIVISION

CORROSIVE FLUID HANDLING DIVISION

MANUFACTURING DIVISION

SERVICE DIVISION

HOFFMAN-KANE

Distributors, Inc

www.HOFFMAN-KANE.com

FLUID HANDLING DIVISION

2196 ANSI Pump

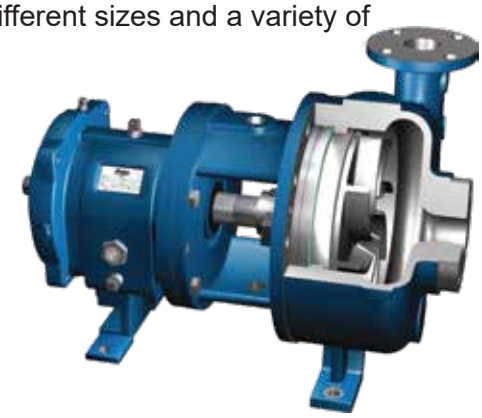
Features

Rear Pull-Out Design
Efficient Interchangeable Parts
Capacities to 6000 GPM
Heads to 730 feet
Temperatures to 700 deg F
Fully Open Impeller
Extra Large Oil Sump

2196 R ANSI / Recessed Pump

Features

Utilizes your existing 2196 power end and ANSI bolt pattern. Handles fibrous and shear sensitive materials. Minimizes degradation of solids
Available in 5 different sizes and a variety of materials



2196LF ANSI / Low Flow

Features

Low flow high head applications
Radial Vane Impeller, balance holes on impeller, interchangeablility w/ existing ANSI pump.

Benefits

Reduced shaft vibration, lower NPSHr, Lower seal chamber pressure, Extended MTBF on pump and mechanical seal.

Clark 3 ANSI Pump

Features

Conforms to ASME B73.1M (ANSI)
Capacities to 5,000 GPM
Head to 740 Feet
Back Pull Out Design
Threaded Bearing Housing
Accurate Impeller Adjustments
Reverse Vane Closed Impeller
Reduced Shaft Deflection

2795 Self Priming Process

Features

Self-Priming, Utilizes Existing 2196 Power End, Rear Pull-Out Design, External Axial Impeller Adjustment, Open Non-Clogging Impeller, ANSI Foot Pattern, Extra Large Oil Sump, Rigid Foot Design.

2996-INLINE PROCESS

In-Line (IL) Process Pump
High Tolerance Fits for Accurate Alignment.
Open Impeller / External Impeller Adjustment. Back Pull-Out Integrated.
Flexible Coupling Options
Temperatures to 500°F
Capacities to 1,400 Gpm
Heads to 190 Feet

CLARK 3R RECESSED IMPELLER

Utilizes Your Existing Clark 3 Power End
Handles Fibrous and
Shear Sensitive Materials
Minimizes Degradation of Solids
Variety of Sizes and Materials
Capacities to 2000 GPM
Heads To 190 Ft

CC & FM

Close Coupled & Frame Mounted

Capacities to 2,300 GPM
Heads to 440 Feet
Use of Minimal Space
Interchangeable Parts
Split Casing Design
Sacrificial Sleeves and Rings

2175-HEAVY DUTY PROCESS PUMP

Rear Pull-Out Design,
Efficient Interchangeable Parts,
Sacrificial Wear Items
Double Wall Volute
on Larger Sizes

SN-SELF-PRIMER PUMP

Self-Priming Non-Clogging
Capacities to 3,400 GPM
Hard Faced Mechanical Seals Standard
Standard Spool Piece Flanges
Direct Drive or V-Belt
Designed for Easy Maintenance

SJC - Medium Duty Slurry Pump

Capacities to 8,000 GPM
Heads to 240 Feet
Thick Walled Wet End Parts
Robust Shaft and Bearing Frame
Swappable Suction Cover Plate
Applications
Dirty Water
Waste Sludge
Fracking Slurries

SP SLURRY - Heavy Duty Pumps

Designed for Abrasive Applications
High Chrome or Removable
Rubber Wear Parts,
Packed Box Standard
External Impeller
Adjustment
Capacities to 7,000 GPM
Heads to 240 Feet

DSR-DOUBLE SUCTION PUMP

Capacities to 6,000 GPM
Heads to 430 Feet
Horizontal Split Case Design
High Efficiency and
Low NPSHr
Closed Impeller

SPPC SPL PIN JOINT

Open Pin Joint
Designed for Easy Maintenance
Non-Pulsating Flow
Low Vibration
High Efficiency
Viscosites Exceeding
1 Million Centipoise

SP1000 SEALED PIN JOINT

Sealed pin joint design for extended life.
Self-priming minimizes air or vapor lock. Highly volumetric and mechanically efficient. No pistons, valves or timing gears to wear our or clog up.

SPPC GEAR JOINT

Sealed Gear Universal Joint
Exceptional Abrasion Resistance, Modular Design, Ability to Rotate the Suction Housing, Simple Design: Minimal Parts

SPPC WOBBLE - SWP & SWPM

Multiple Material Options
Simple and Compact
High Solids Pumping Ability
Self-Priming: Suction Lifts to 26 Feet
Rotors & stators SWP15, SWP22, SWP33 & SWP44 are interchangeable, along with SWPM rotors & stators

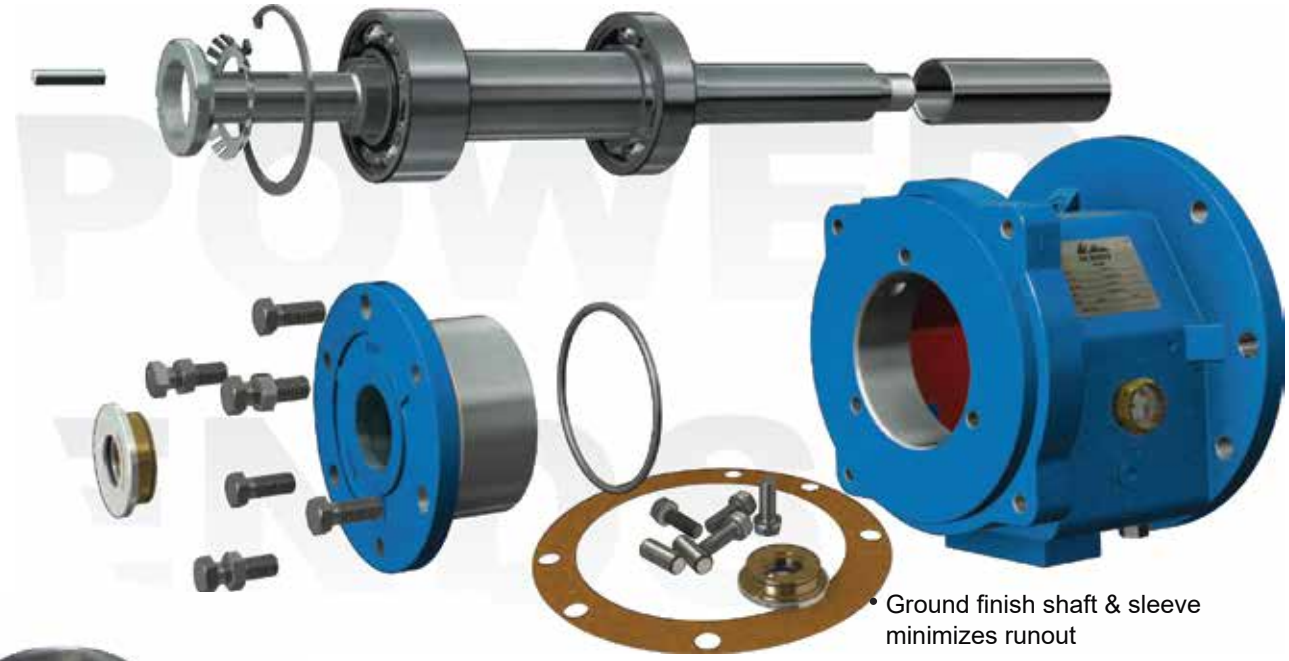
VV40 INTERNAL GEAR PUMP

High Viscosity Fluid Capabilities
High Abrasives Handling Ability
Capacities to 470 GPM.
Pressures to 200 PSI
Temperatures -60°F to 800°F
External End Clearance Adjustment
Self-Priming. Available Packed or Mechanically sealed.

SUMMIT™

2196 ANSI POWER ENDS

(MTO Power End Shown: 96MPEB-SS/SS)



Summit Pump's Power Ends are an ideal stock item. Power Ends are interchangable with the following Power Ends:

- 2196 ANSI
- 2196 LF
- 2196 R
- 2796 (Self-Primer)

Power Ends maximize inventory and reduces downtime saving time and money. Power Ends are available in all frame sizes:

- STO
- MTO
- LTO
- XLO

Forever Frame™
ALL 316 STAINLESS STEEL PRODUCTS

- Ground finish shaft & sleeve minimizes runout
- Magnetic drain plug assists with collecting foreign objects in oil cavity
- Power Ends ship fully assembled
- Quality SKF® bearings increase pump life
- Subassembly simplifies maintenance & inventory
- Replace instead of repair to save on downtime while ensuring factory built tolerances
- Fully interchangeable with existing Summit™ and Goulds® Pumps
- Upgrade to a 316 Stainless Steel Power End to garner the thermal and corrosive advantages of 316 Stainless Steel
- ANSI/ASME B16 compliant

VV75 INTERNAL GEAR PUMP

Compact Design is Simple to Mount
Reduces Extensive Alignment Time
Minimal Moving Parts
High Viscosity Fluid Capabilities
High Abrasives Handling Ability
Capacities to 30 GPM
Pressures to 100 PSI
Temperatures -60°F to 225°F

VV95 INTERNAL GEAR PUMP

High Viscosity Fluid Capabilities
Ability to Operate at Higher Speeds
Capacities to 115 GPM
Pressures to 250 PSI
Temperatures
-40°F to 350°F
Self-Priming
Mechanically
sealed Behind
Rotor, Isolating
Bearings from Fluid.

PUMP PARTS / COMPONENTS / ACCESSORIES

POWER ENDS

STUFFING BOX / REAR COVER

CASINGS

SHAFT KITS

GUARDS

COUPLINGS

AIR DIAPHRAGM PUMP PARTS

OILERS & SIGHT GLASSES

BEARINGS

IMPELLERS

BEARING ISOLATORS & LIP SEALS

BASEPLATES

STATORS & ROTORS

SHAFTS & SLEEVES

STRAINERS & BASKETS

3596 SERIES

Heavy-duty, rugged, world-class quality, ANSI process pumps manufactured to meet the latest ASME B73.1-2001 standard Pumps are manufactured in 29 sizes and from a variety of materials and seal options.

3596 REPELLER/EXPELLER SERIES

Magnatex expeller/repeller design pumps are used in applications where there is a possibility of dry run conditions, liquid slurries up to 40% or crystallizing liquids, all of which are damaging to mechanical seals or packing.

MPT TURBINE MAG DRIVE

MPT Series magnetically driven, sealless, regenerative turbine vane pumps are designed specifically for low NPSH, low flow at high heads. The MPT Series features close coupled construction similar to the MP Series, but uses a regenerative turbine vane impeller.

MAXP ANSI MAG DRIVE SERIES

Straddle-mounted inner magnet system with bearings on both sides of the magnet - this design reduces shaft and bearing loads when compared to our competitors overhung, cantilevered, inner magnet designs

MPL/MHL/MLL MAG DRIVE CLOSE COUPLED ANSI SERIES

Optional SiC-X bearing system for enhanced dry running capability Straddle-mounted, double bearing design. Close-coupled configuration eliminates coupling and motor alignment issues

MP MAG DRIVE SUB-ANSI CLOSE COUPLED

Close-coupled, compact, MP Series pumps are the efficient and dependable choice for medium-flow, medium-head applications. The MP Series pump features sub-ANSI sizes for efficient lower flow applications.

MLZ SERIES

Group 2 ANSI / ASME B73.3 fluoropolymer lined sealless mag drive models. They feature separable impellers and inner magnets, as well as readily replaceable front thrust and impeller rings.

MAGNATEX Pumps, Inc.

MMP/MMH/MML MAG DRIVE SERIES

The MMP Series pumps are high-quality, dependable, long-lasting pumps utilizing our exclusive straddle bearing design and furnished with the shaft, thrust ring and bushing made of sintered silicon carbide material.

MAGNATEX Pumps, Inc.

MEP SERIES MAG DRIVE POLYPROPYLENE

Magnetic drive, sealless, medium-duty, polypropylene thermoplastic pumps, designed for chemical transfer applications. Simple construction allows for economical first cost and ease of maintenance.

MAGNATEX Pumps, Inc.

ME SERIES SUB-ANSI MAG DRIVE

Magnatex®/Texel® ME Series sub-ANSI pumps are dependable, durable, replaceable liner, magnetic drive pumps.
They are the solution for low to medium flow, corrosive fluid applications.

MAGNATEX Pumps, Inc.

Learn More About Magnatex Pumps

MAGNATEX Pumps, Inc.

SiC-Xsm BEARING SYSTEM

Never run a Magnatex magnetic drive pump dry, but if you do, a Magnatex SiC-X inner magnet bearing system can help.

MAGNATEX Pumps, Inc.

MAGNATEX®
Pumps, Inc.

Your Process Reliability & Profitability is our #1 Priority

www.MagnatexPumps.com

API MAXUM OH2

-Meets API 610 specs
-Flows up to 11,500 US GPM
-Heads up to 720’
-Power to 900 HP
-Temperatures to 600° F

CARVER PUMP™

MAXUM OH1

-Flows up to 11,000 US GPM
-Heads up to 720’
-Power to 900 HP
-Temperatures to 300° F

CARVER PUMP™

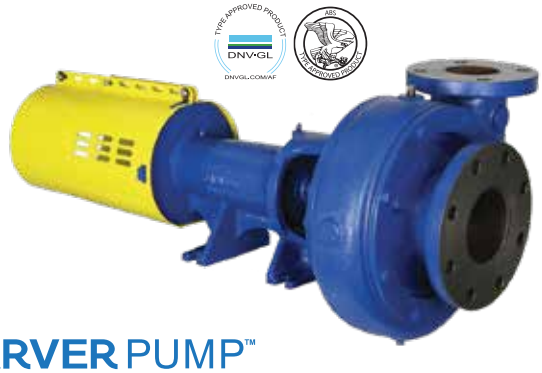
RS - MULTISTAGE, RING SECTION

-Flows up to 2,000 US GPM
-Heads up to 3,400’
-Pressure to 1,500 psig
-Temperatures from
-20°F to 300°F

CARVER PUMP™

GH-END SUCTION

-Flows up to 2,500 US GPM
-Heads up to 520’
-Solids up to 1.250”
-Power to 150 HP



CARVER PUMP™

G2C - VERTICAL CANTILEVERED

-Flows up to 2,500 US GPM
-Solids up to 1.250”
-Power to 150 HP

CARVER PUMP™

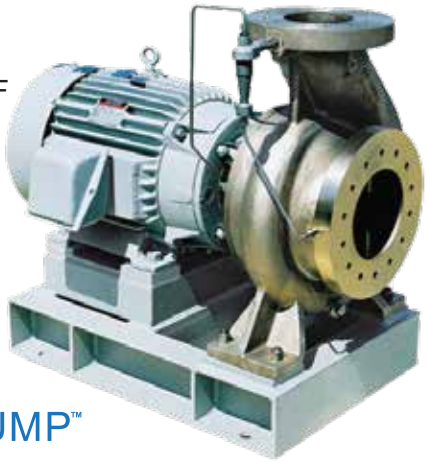
G2S - VERTICAL SUMP

-Flows up to 2,500 US GPM
-Solids up to 1.250”
-Power to 75 HP
-Depths to 22’

CARVER PUMP™

M SERIES CLOSE-COUPLED

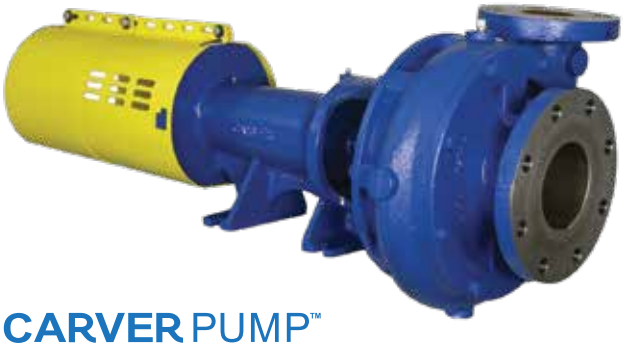
ASTM F998
-Flows up to 5,000 US GPM
-Heads to 700'
-Power to 300 HP
-Temperatures to 300°F



CARVER PUMP™

850 - HORIZONTAL FILTRATE

-Flows up to 700 US GPM
-Power to 50 HP
-Temperatures
to 250°F



CARVER PUMP™

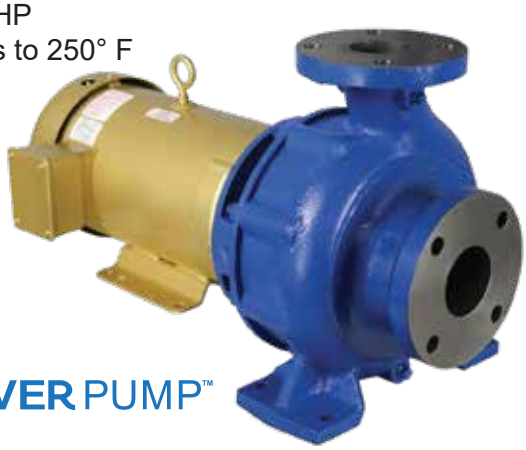
855 PUMP

-Handles up to 26" Hg Vacuum
-Flows up to 700 GPM
-Heads up to 120'
-Power to 20 HP
-Temperatures to 250° F

CARVER PUMP™

KWP - PROCESS PUMP

-Solids up to 1-1/2" GPM
-Flows up to 1300 GPM
-Heads up to 240'
-Power to 50 HP
-Temperatures to 250° F



CARVER PUMP™

VLO - VERTICAL LUBE OIL PUMP

-Flows up to 2400 GPM
-Heads up to 1350'
-Power to 200 HP

CARVER PUMP™

RSV-IN-LINE VERTICAL MULTISTAGE

-Flows up to 400 GPM
-Heads up to 830'
-Power to 50 HP
-Temperatures to 250°F

CARVER PUMP™

CARVER PUMP™

APPLICATIONS

It's hard to find an industry or market that doesn't use a Carver pump as its prime fluid mover.

CARVER SNAPSHOT

The transfer of crude oil from producer to end user required a pump that could provide sustained high pressure and hold up to the harsh, changing climate of Canada's oil sands region. Carver Pump's RS (Ring Section) line was an easy choice for the LACT system booster pumps needed in this application. Our RS pumps produce up to 3400 ft TDH (Total Dynamic Head) and can easily pump oil long distances over changing elevations.

We build pumps for handling water, oil, chemicals and slurries for both the public and private sectors. Our full product line of horizontal, vertical, single and multistage pumps as well as extensive experience with metallic and composite materials and their applications have allowed us to apply pumps in a wide variety of services.

OIL & GAS

Our products are used extensively in many upstream, midstream and downstream applications. These products are available fully compliant with API 610 11th Edition and in heavy-duty process configurations. Typical applications include process water injection, LACT systems, pipeline injection, refining, LNG processing and molten sulfur.

PETROCHEM

We can help you select the right pump for your reactor, transfer or auxiliary system needs. We have solutions for highly corrosive fluids, temperatures to 700° F and challenging suction conditions.

POWER GENERATION

Boiler feed and low-NPSH condensate applications are routine for us. We also offer highly engineered pumps for flue gas desulfurization filtrate and turbine lube oil systems.

PULP & PAPER

High-pressure water requirements and vacuum belt filtration systems are common applications for our pumps. General water and drain collection transfer system needs can also be met.

MINING & MINERALS

Our pumps are commonly used in mine dewatering and washdown services, belt filtration systems and light abrasives processing. We also have the right products for a wide range of water transfer and processing needs.

MARINE

Our products are used in both commercial and Naval applications for propulsion and generator systems. Common services are general water, fuel and cargo transfer systems. Custom products are routinely developed for special applications to meet rigorous shock, vibration and noise requirements.

DESALINATION & MUNICIPAL

Our pumps have the capability to solve challenging water and wastewater applications, including effluent transfer, plant water, and booster systems. We also support applications in reverse osmosis, high-pressure fresh water, condensate and brine transfer.

INDUSTRIAL

Washdown, sump collection and transfer systems are typical applications for our industrial product lines. Pumps can be configured to accommodate special installation requirements, such as custom bases and piping. We offer the right metallurgy for everything from deionized water to sulfuric acid.

COMMERCIAL

Pumps and packages are available for domestic water boosting, cooling towers, HVAC systems, irrigation and rainwater harvesting. Systems can include variable frequency drives, PLC controls, pressure and flow sensing, and interfaces with most building communication systems.

AHS-SERIES

Wastewater pump featuring an abrasion- resistant impeller, die cast aluminum body and a high efficiency, high torque motor.

STANCOR
Pump & Control Solutions

LX-SERIES

Sewage pump with a non-clogging impeller, double mechanical seals and robust con-struction.

STANCOR
Pump & Control Solutions

SEW-SERIES

Features a recess vortex impeller made from cast iron to be a heavy-duty pump that can pass 2-inch solids.

STANCOR
Pump & Control Solutions

SG-SERIES

High chrome steel impeller and shredding ring offers superior heat dissipation for wastewater treatment and sewage.

STANCOR
Pump & Control Solutions

SKR-SERIES

Slurry pump designed for heavily contaminated liquids that features hard-ened alloy wet-end materials.

STANCOR
Pump & Control Solutions

SC-SERIES

Includes impeller with a tungsten cutter edge for solids in wastewater treatment and ground drainage applications.

STANCOR
Pump & Control Solutions

SV/SE-SERIES

Offers large impeller clearance to serve as a reliable, affordable pump for a variety of wastewater and sumps.

STANCOR
Pump & Control Solutions

SB-SERIES

Designed for long service life in dis-charge water and pump applications due to non-clogging impeller design and sealing.

STANCOR
Pump & Control Solutions

SL-SERIES

Low suction pump designed for continuous duty handling the rigors of residual water.

STANCOR
Pump & Control Solutions

STANCOR PUMPS™

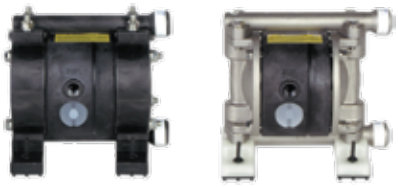
DEWATERING, SOLIDS HANDLING AND SPECIALTY MATERIALS

STANCOR
Pump & Control Solutions

BUILDING TRADES | CONSTRUCTION | MINING | UTILITIES | WASTEWATER

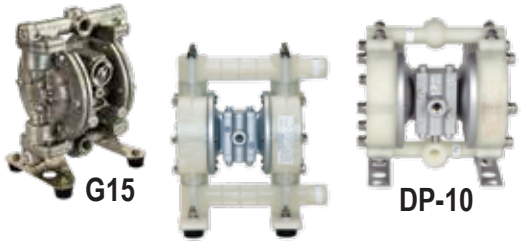
1/4" FLUID PORT

Yamada® NDP-5 series AODD pumps provide a maximum flow rate of 3.4 gallons per minute.



3/8" & 1/2" FLUID PORTS

DP-10 series 3/8": 6 GPM
DP-15 series 1/2": 7.4 GPM
G15 Global Series 1/2":16.6 GPM

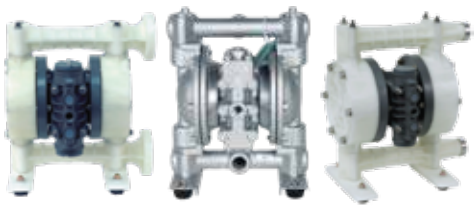


1/2" FLUID PORTS

Yamada® NDP-15 series AODD pumps provide a maximum flow rate of 13.5 gallons per minute.

3/4" FLUID PORT

Yamada® NDP-20 series AODD pumps provide a maximum flow rate of 31 gallons per minute.



1" FLUID PORT

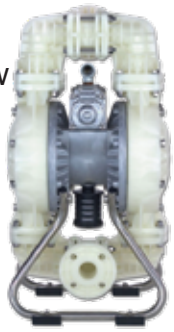
Yamada® NDP-25 Series AODD pumps provide a maximum flow rate of 46.2 gallons per minute.
Yamada® G25 Global Series AODD pumps provide a maximum flow rate of 40.1 gallons per minute

1-1/2" INTAKE / 1-1/4" DISCHARGE

Yamada® NDP-32 series AODD pumps provide a maximum flow rate of 50.2 gallons per minute.

1-1/2" FLUID PORT

Yamada® NDP-40 series AODD pumps provide a maximum flow rate of 107 gallons per minute.



2" FLUID PORT

Yamada® NDP-50 series AODD pumps provide a maximum flow rate of 164 gallons per minute.

3" FLUID PORT

Yamada® NDP-80 series Aodd pumps provide a maximum flow rate of 215 gallons per minute.

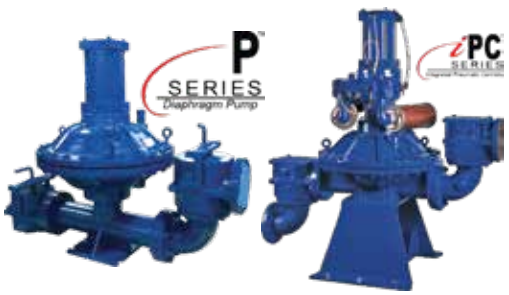
3/4" - 3" FLUID PORTS

Yamada® High Pressure Diaphragm Pump 2:1 ratio pumps .

SOLIDPRO®

Handles 2" diameter solids!

P SERIES™ & iPC™ DIAPHRAGM PUMPS



RamParts® Pumps

TECHNICAL BULLETIN

INTRODUCING

NDP-500 | STAINLESS STEEL SERIES

THE TRANSFER PORTAL IS NOW OPEN!

- **Highest-flowing 2" diaphragm pump in the market, maximum flow rate - 226 GPM.**
- **Geometric optimizations of components result in a market-leading increase in efficiency, drastically reducing operating costs by running much slower.**
- **Utilizes the same diaphragms, balls, seats and field-proven NDP air motor, simplifying inventory and making upgrades seamless.**
- **Longest lasting diaphragm pump in the market just got easier for maintenance.**
  - One universal fastener is used for the entire pump body.
  - Square flanges support the pump during maintenance, allowing for quick disassembly and assembly.
  - Less weight than comparable models, making portability, handling, installation easier.

Yamada America, Inc. 955 E. Algonquin Rd., Arlington Heights, IL 60005 | USA Toll-Free: 800-990-7867 | Phone: 847-631-9200 | Fax: 847-631-9273
Email: sales@yamadapump.com | Web: yamadapump.com

NOMAD™
PUMPS • PARTS • PASSION


1/2" RUBBER & PTFE FITTED


1" RUBBER & PTFE FITTED


1-1/2" RUBBER & PTFE FITTED


2" RUBBER & PTFE FITTED


3" RUBBER & PTFE FITTED


4" RUBBER & PTFE FITTED


1/4" PTFE FITTED METALLIC


1/4" PTFE FITTED NON-METALLIC


1/4" RUBBER & PTFE FITTED NON-METALLIC


1/2" RUBBER & PTFE FITTED METALLIC


1/2" RUBBER & PTFE FITTED NON-METALLIC


1/2" RUBBER & PTFE FITTED NON-METALLIC


1" RUBBER & PTFE FITTED METALLIC


1" RUBBER & PTFE FITTED NON-METALLIC


1" RUBBER & PTFE FITTED NON-METALLIC


1-1/2" RUBBER & PTFE FITTED METALLIC/ NPT


1-1/2" RUBBER & PTFE FITTED NON-METALLIC


1-1/2" RUBBER & PTFE FITTED NON-METALLIC


2" RUBBER & PTFE FITTED METALLIC / NPT


2" RUBBER & PTFE FITTED NON-METALLIC


2" RUBBER & PTFE FITTED METALLIC / FLANGE


2" RUBBER & PTFE FITTED NON-METALLIC

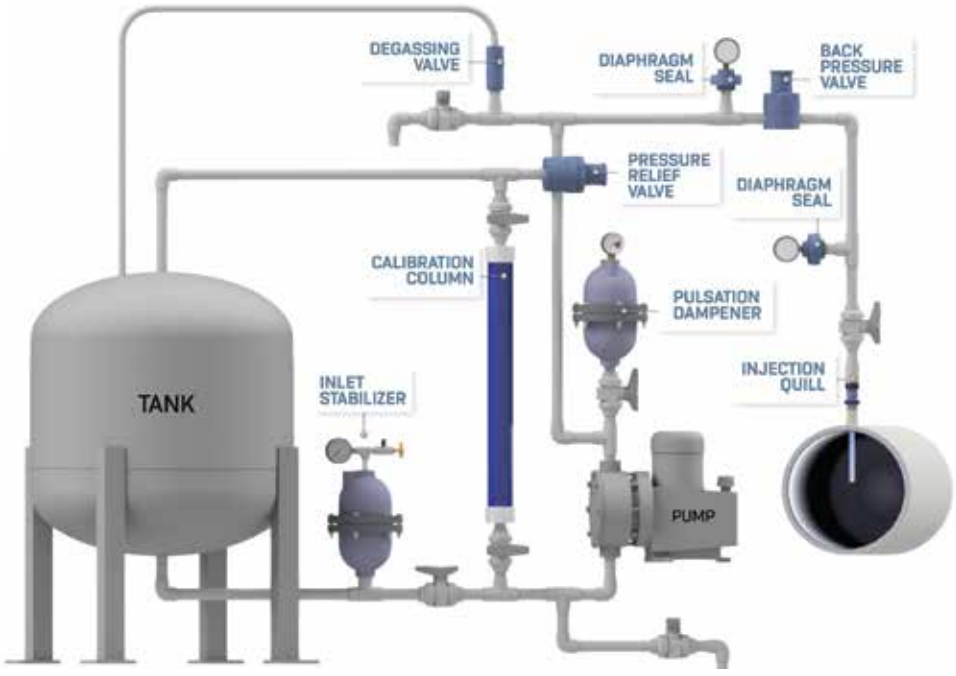

3" RUBBER & PTFE FITTED METALLIC / NPT


3" RUBBER & PTFE FITTED METALLIC / FLANGE


3" RUBBER & PTFE FITTED NON-METALLIC

BLACOH™ INDUSTRIES

With the most expansive product offering in the marketplace and backed by our team of engineers and application experts, Blacoh offers full system solutions to improve fluid process system performance, reliability, safety and productivity.



VALVES: Major industrial valve manufacturers of hard-to-find, exotic alloy valves for the chemical, oilfield, petrochemical, pulp and paper, refining, power, and water treatment industries.

Bonney Forge

Kitz USA

Bettis Actuators

Crane Valves

Flowserve
Edward & Nordstrom

CenterLine Valves
