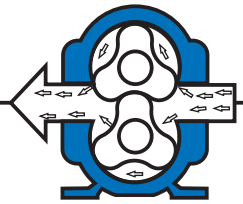
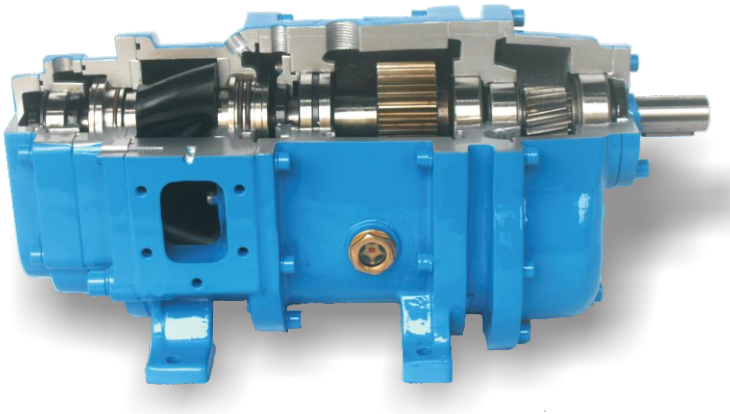
YANESS

YL
Series

POSITIVE DISPLACEMENT ROTARY LOBE PUMP









THE BETTER PUMP YOU NEED.



YANESS ROTARY LOBE PUMP APPLICATIONS.

THE BETTER PUMP YOU NEED

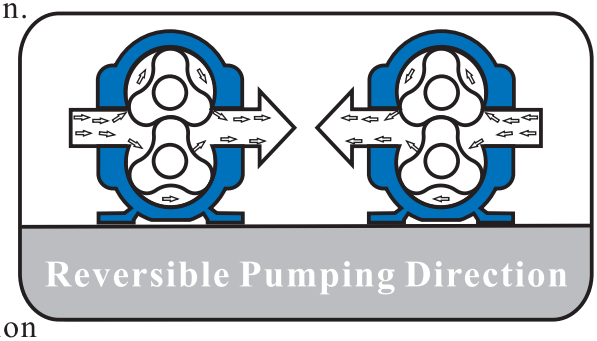
YANESS rotary lobe pump is the better pump for your application with higher cost performance.

Advantages at A Glance

Wide Variety of Pumping Fluids
Yaness rotary lobe pump can handle various fluids involving mixtures of liquids, solids, and gases. Moreover, the pump is eminently suitable for high viscosity liquid (up to 106 cp) and with strong solids passage (up to 8mm spherical hard or 80mm spherical compressible solids).

Excellent Performance
- Large flow (1-6400gpm or 1450m3/h).
- High pressure (1-260 psi or 18 bar).
- Strong self-priming capacity (up to 26 ft or 8 meters) without a vacuum system.

Reversible Pumping Direction
Can pump fluids in either direction without restriction.


Reversible Pumping Direction

Dry Run Ability
Yaness rotary lobe pump can dry run intermittently, and the oil in the chamber cools and lubricates the seals. No flushing required.

Maintenance in Place
It is easy to replace all spare parts (seals, lobes, wear plates and liners) on-site without disconnecting suction and discharge fittings.

Built-in Reducer
Yaness rotary lobe pump does not need an expensive external reduction or gear motor.

Free Pulsation
Unique 3-wings helical lobe design, with 98% volume efficiency and pulsation-free.

Compact
Thanks to the built-in reducer design, Yaness rotary lobe pump takes less space than other competitors.

Strong Shaft Support
Option full supported type, with inboard and outboard bearing that both ends of the shafts are fully supported.

Better Pump vs. Other Pumps

Vs. Centrifugal Pumps



- Superior for pumping high viscosity liquid, abrasives and a mixture of air and fluid.
- Reversible pumping direction.
- Dry run ability and strong solids passage.
- Low speed and high efficiency.
- Maintenance in place.
- Low fluid shear and free pulsation.
- It can provide constant pressure at different flow rates or different pressure at the same flow.



Vs. PC Pumps

- Lower spare parts and repair cost.
- Easy to maintain, one person can get the job down to replace all spare parts without removing piping.
- Ability to dry run intermittently.
- Less installation space, about 1/3.
- Stronger solids passage.
- Less maintenance time and downtime.
- Last longer.

Disadvantage of Rotary Lobe Pumps:

Rotary lobe pump with higher built cost than other types pump, but it is recouped by less downtime and maintenance.

Vs. Sliding Vane Pumps



- Ability to handle contaminates, but sliding vane pump can only pump very clean fluid.
- Do not need a filter, and cleaning labour is not necessary.
- Reversible pumping direction without limit, saving trouble, time and cost.
- Strong self-priming ability, up to 26 ft.
- Can dry run intermittently, oil at seal chamber cooling the seals.



Vs. Gear Pumps

- A much longer service life.
- Widely pumping fluids can handle high viscosity and corrosive liquid.
- With strong solids passage and can handle fibre and a mixture of air, solids and fluid.
- Higher efficiency, up to 85%.
- More steady.

Vs. Other Brands Lobe Pumps

- A unique built-in reducer design does not need an expensive external reduction or gear motor and saves space.
- Intermediate chamber design, protect the gear unit from pumped medium leaking in if the mechanical seal is failures, and cool the seal by the inside oil, so dry run intermittently is accepted.
- Optional full supported shaft design, an outboard set of bearings so that both ends of the shafts are fully supported. More stable and durable.
- A single-piece housing.

Applications

Oil & Gas

- ✓ Drilling Fluid
- ✓ Crude Oil
- ✓ Produced Water
- ✓ Oil Spill Recovery
- ✓ Fuel Transfer
- ✓ Oil Sludge
- ✓ Waste Oil
- ✓ Oil-water Mixture
- ✓ Tank Filling&Emptying
- ✓ ...





Chemical Industry

- ✓ Slime
- ✓ Bitumen
- ✓ Natural Latex
- ✓ Cosmetic Raw Materials
- ✓ Liquid Detergent
- ✓ Acids
- ✓ Viscose
- ✓ Polymers
- ✓ Soapstock
- ✓ ...

Wastewater, Slurries & Mud

- ✓ Waste Water Treatment
- ✓ Pumping Station Support
- ✓ Flood Control and Drainage
- ✓ Oil Spill Recovery
- ✓ Bentonite
- ✓ Grease Sludge
- ✓ Oil Based Mud
- ✓ Drilling Mud
- ✓ ...





Agriculture & Biogas

- ✓ Liquid Manure
- ✓ Biosolids
- ✓ Farm Chemicals
- ✓ Fermentation Substrate
- ✓ Renewable Resources
- ✓ Faeces
- ✓ Biogas Substrate
- ✓ Fill and Drain the Tank or Pit
- ✓ ...



Food Processing

- ✓ Fruit and Fruit Segments
- ✓ Animal Blood, Guts, Bones, Heads and Hooves
- ✓ Wine
- ✓ Pomace
- ✓ Thin Juice
- ✓ Molasses
- ✓ Sugarcane Liquids
- ✓ Diatomite with Water
- ✓ ...

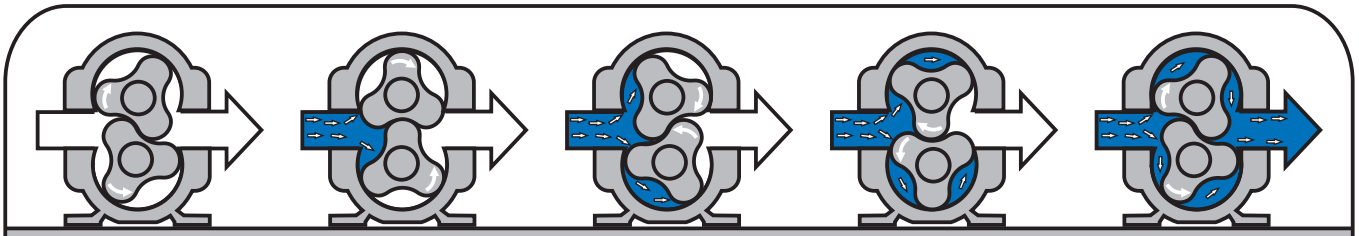


Other Applications

- ✓ Adhesives, Glue and Paints
- ✓ Pulp & Paper Industry, Paper Sludge
- ✓ Wellpoint, Air-water Mixture
- ✓ Water Supply & Wastewater Disposal for Bus, Railway and Boats
- ✓ Fill and Empty Tank for Tanker Trucks
- ✓ Pumping of Viscous & Abrasive Media
- ✓ ...

Yaness Rotary Lobe Pumps are suitable for pumping any fluid material and involve mixtures of liquids, solids, and gases. Our pumps have proven effective and efficient in many applications and locations.

Operating Principle



1, The rotation of the lobes creates a vacuum for priming the fluid.

2, Fluid-filled the pump chamber with continuous rotation.

3, With further rotation, fluid is forced out of the chamber.

YNS FOCUS ON WATER PUMP

Construction

1 Quick-release Cover

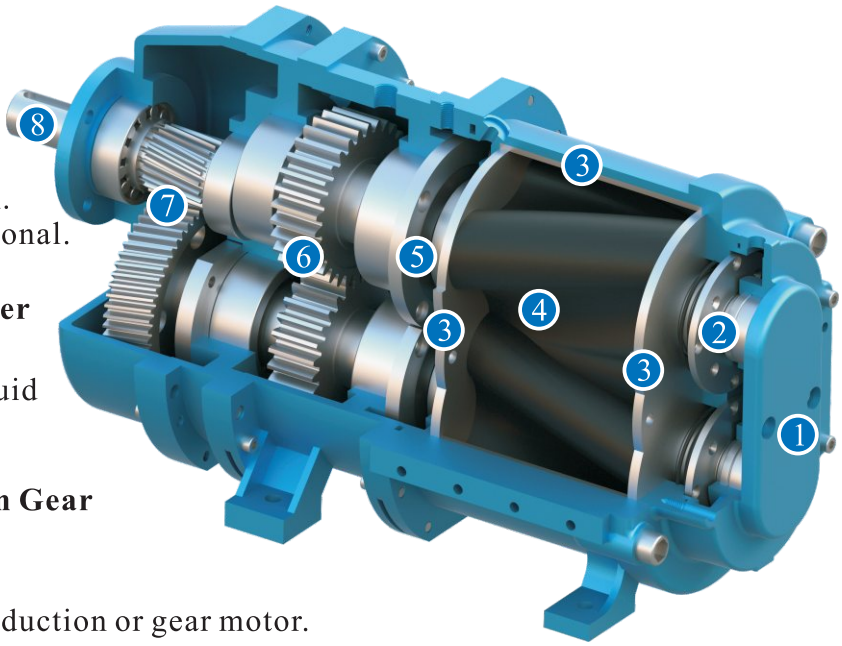
It's for easy maintenance without dismounting the pump.

2 Full Supported Shaft Design

For very smooth running, an outboard set of bearings so that both ends of the shafts are fully supported and handle higher pressure.

3 Wear Plates & Liners

Protect the pump casing from wear.



4 Lobes

Non-contacting lobes, free pulsation.
3-wing screw lobe, straight lobe optional.

5 Oil-filled Intermediate Chamber

Cools & lubricates the seals.
Protect the gear unit from pumped fluid leaking in if the seal fails.

6 AGMA Class 9 Synchronization Gear

7 AGMA Class 9 Reduction Gear

Do not need an expensive external reduction or gear motor.
No adjustment required.

8 High Quality 42CrMo4 (ASTM 4140) Shaft

Get Pump Solution

Choosing a suitable pump for your application is crucially important. Yaness supplies various solutions for different applications, and you can contact us to get unique solutions directly or freely select a suitable solution.
Let's discuss how you can choose lobe pumps and what factors you might need to consider.

Decide the Material of Pump You Need

You must determine what pump material you need to avoid corrosion or wear the pump. It is necessary to know the chemical composition of the fluid to be pumped, its temperature, viscosity and specific gravity.

Then choose the suitable material.





PUMP END MATERIAL	
WETTED PARTS	
Casing&Cover	A single-piece casing. Ductile iron, carbon iron, stainless steel, bronze, aluminum alloy, fluorine lining or specified.
Lobe	Non-coated metal lobe.
	Ductile iron inner core with rubber coating, NBR, HNBR, VITON, EPDM or specified.
Mechanical Seal	Silicon carbide or specified.
Wear Plate & Liner	Protect pump casing, replaceable plate, carton steel with chromium plating, stainless steel, bronze or specified.
NON-WETTED PARTS	
Shaft	42CrMo4 (ASTM 4140) alloy steel.
Gear	AGMA Class 9 C45E4 (ASTM 1045) carbon steel.
Gear Housing	Rugged, heavy-duty ductile iron.

Choose the Right Model

Then, we have to focus on the characteristics of the pumping fluid, in particular:

Flow rate: The volume of fluid passes per unit of time.
Pressure: The pressure difference between the inlet and outlet of the pump.
Self-priming lift: It's the vertical distance pumped from the fluid source to the pump.

And choose the right model in the below table.

PERFORMANCE at a glance				
Model	**Rated Speed (rpm)**	**Rated Flow (usgpm / m^3/h)**	**Max Pressure (psi / bar)**	**Max Self-priming Lift**
YL 10	0-760	0-26.5 / 0-6	230 / 16	26 ft/ 8 meters
YL 18	0-720	0-44 / 0-10	230 / 16	
YL 28	0-720	0-66 / 0-15	230 / 16	
YL 52	0-630	0-110 / 0-25	260 / 18	
YL 87	0-530	0-150 / 0-35	230 / 16	
YL 150	0-530	0-260 / 0-60	230 / 16	
YL 196	0-640	0-420 / 0-95	230 / 16	
YL 224	0-530	0-400 / 0-90	230 / 16	
YL 300	0-530	0-530 / 0-120	230 / 16	
YL 360	0-550	0-660 / 0-150	230 / 16	
YL 540	0-550	0-970 / 0-220	230 / 16	
YL 720	0-550	0-1320 / 0-300	230 / 16	
YL 990	0-500	0-1630 / 0-370	150 / 10	
YL 1450	0-500	0-2420 / 0-550	150 / 10	
YL 1980	0-500	0-3300 / 0-750	150 / 10	
YL 2900	0-500	0-4840 / 0-1100	150 / 10	
YL 3434	0-500	0-5720 / 0-1300	150 / 10	
YL 3830	0-500	0-6380 / 0-1450	145 / 10	

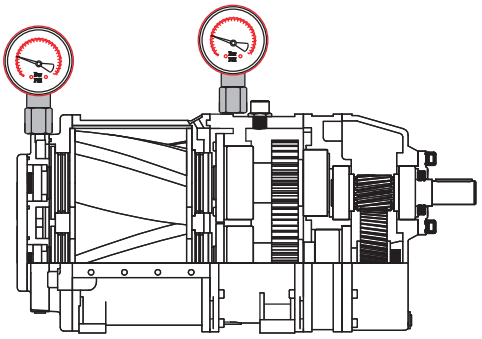
* Contact Yaness or our dealers for more details or check the technical pages.

Shaft Support Options

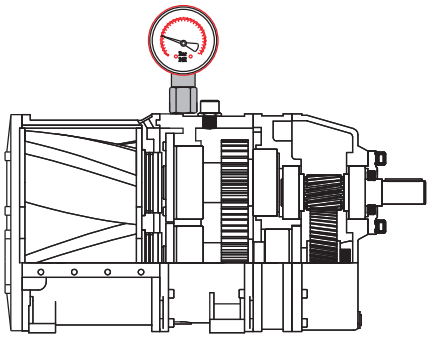
Regarding shaft support, Yaness supplies two options for different working conditions.

Single-end supported: With inboard bearings only, the structure is simple and has fewer repair parts. But when creating high pressure, the shaft may deflect and lead to low efficiency and premature wear.
Fully supported: With an extra outboard set of bearing, both ends of the shafts are fully supported because of the design.

A fully supported shaft is ideal if you request smooth running and handle higher pressure.



Fully supported
With inboard and outboard bearings

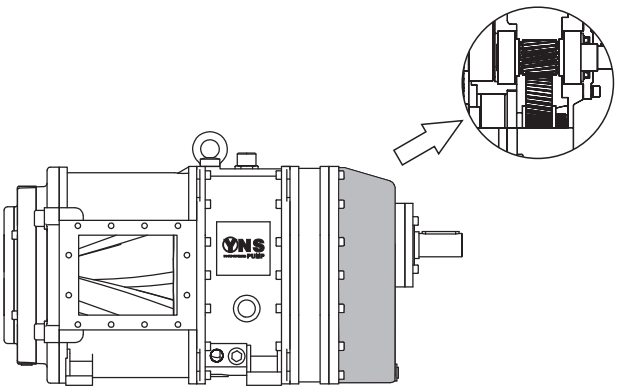


Single-end supported
With inboard bearings only

Gear Options

For your existing lobe pump unit,
Are you pay for an expensive gear motor?
Or use a space-hogging external reduction?

For a Yaness lobe pump, you only need several hundred dollars to get a built-in reduction and take less space.
Every model is available in different sizes reduction to meet various speed requests. And it is pre-set by the factory, no adjustment required.



Yaness lobe pump with built-in reduction

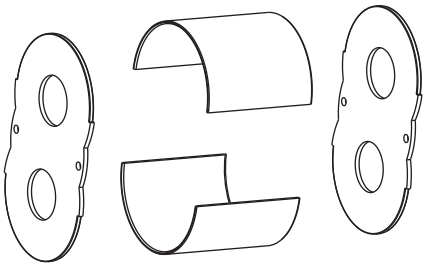
- Compact Structure
- Cost-Effective
- No Adjustment Required
- Multiple Size

Wear Liner Options

Yaness supplies wear plates and wear liners to protect the pump casing from wear and extend life. Various materials are available.

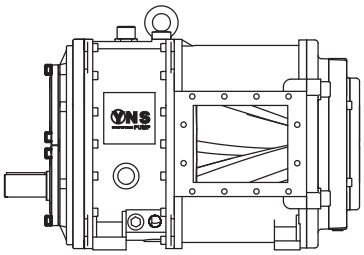
Wear plate: Axial, replaceable, standard configuration.
Wear liner: Radial, optional.

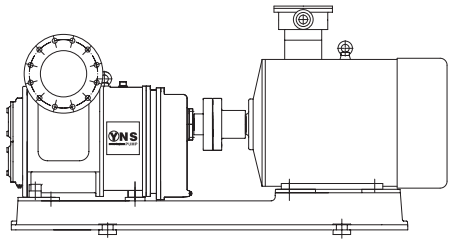
We suggest equipping wear liners if pumping abrasion fluid.



What Can You Get

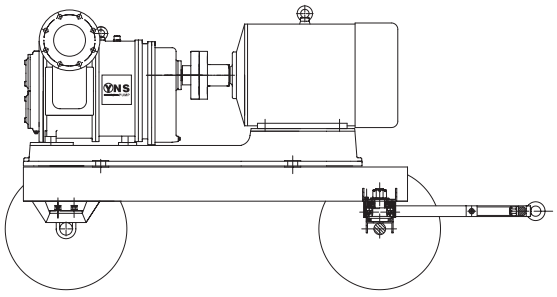
Standard Bare Pump
Pump only. Various connection types for different applications, flange, nozzles and sediment tanks are available.

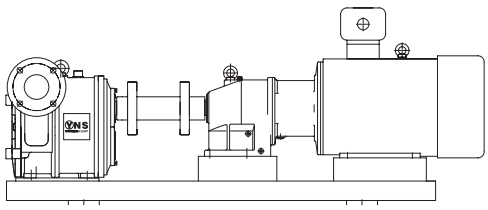




Pump with Drive and Skids
Pumps with built-in gear reduction can drive by a standard motor. Also available with diesel engine and hydraulic motor.

Mobile Pump
Mount pumps to hand barrows or trailers, and an attenuated sound enclosure is available.



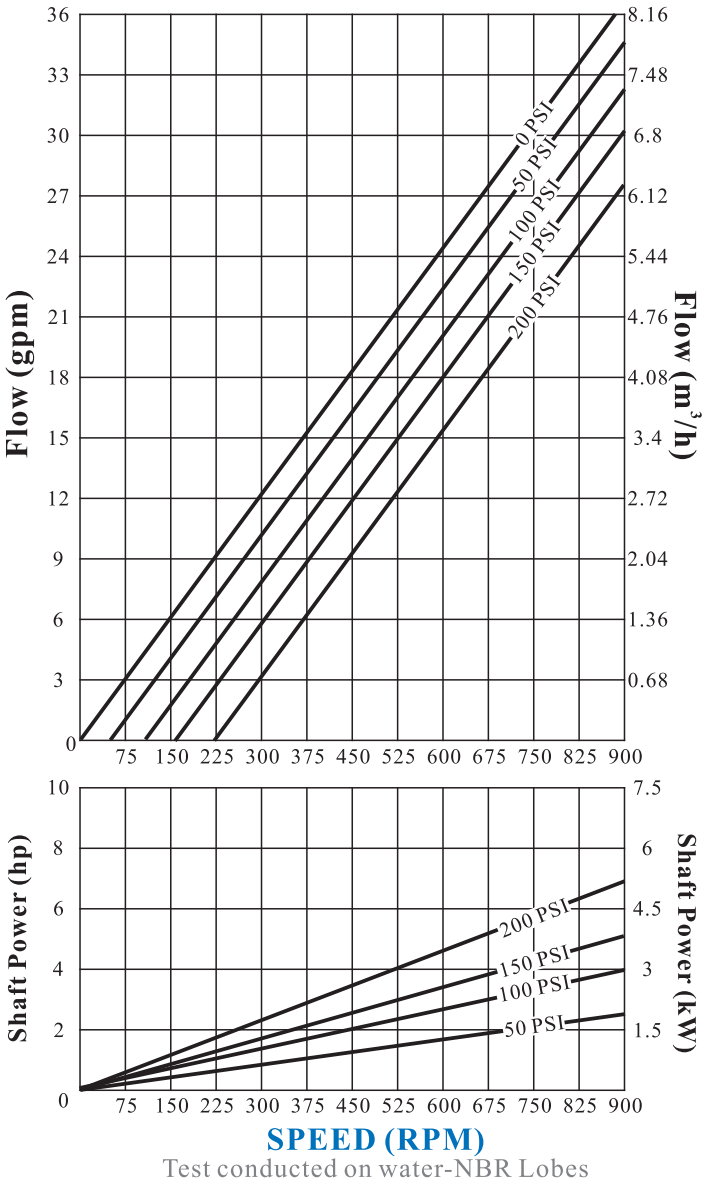


Custom-made
Customized according to requirements, such as heat jacket, belt-driven.

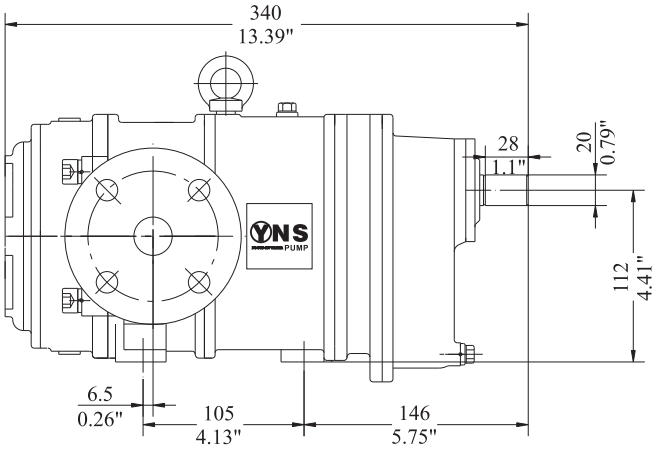
Technical Data-YL10

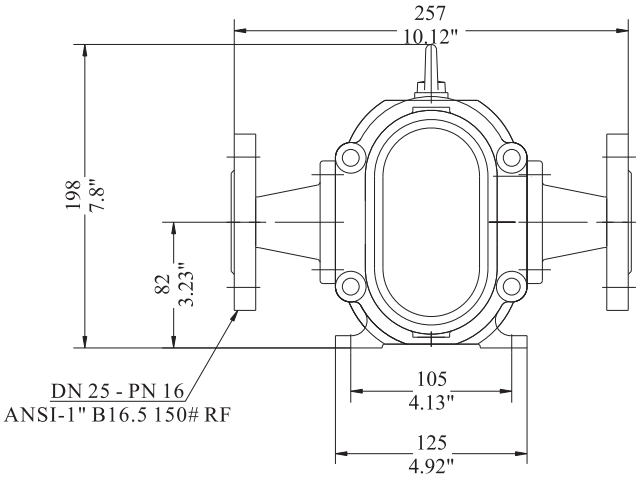
Specs	US	Metric
Rate Speed	0-760 rpm	
Rate Flow	0-26.5 gpm	0-6 m^3/h
Displacement (per 100 r)	4 gal	15 L
Max Pressure	230 psi	16 bar
Max Self-priming Lift	26 ft	8 m
Shaft Diameter	0.79"	20 mm
Solids Handing	0.08"	2 mm
Flange Class	ANSI 16.5 - 150#	DN - PN 16
Flange Size	ANSI 1"	DN 25

* Specs may be different in some applications. Contact Yaness for further information.



DIMENSIONS



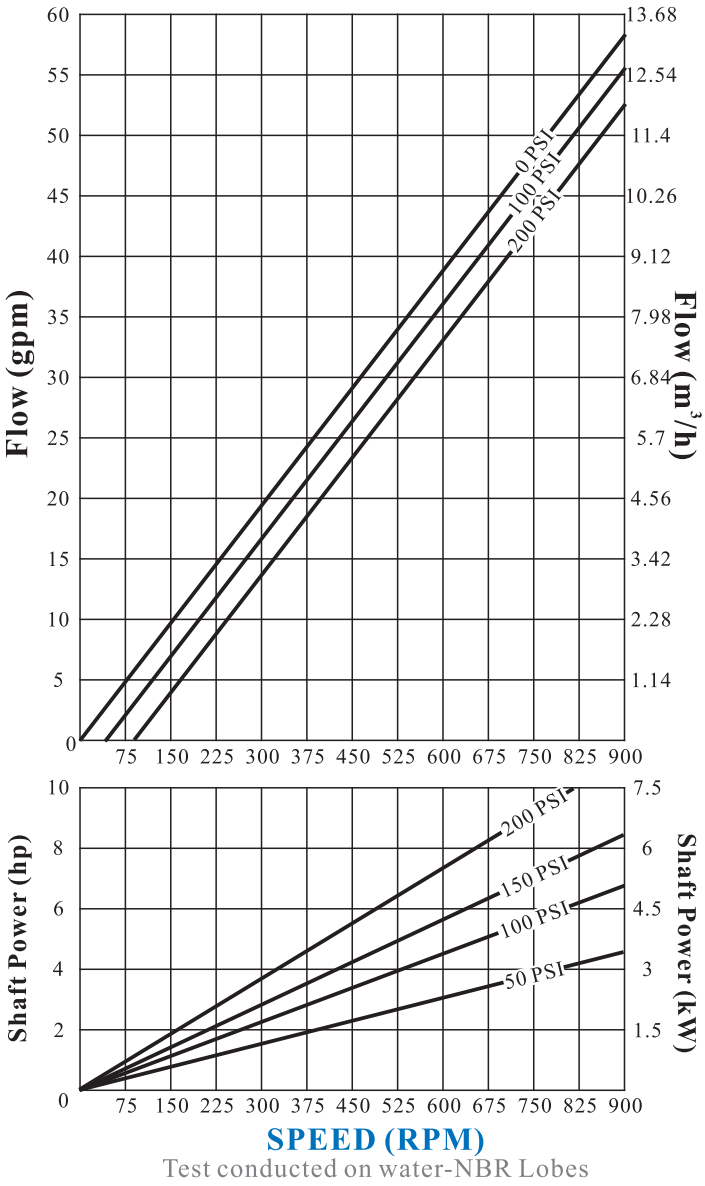


Note: This is a fully supported shaft pump with built-in reduction. Contact Yaness for other types.

Technical Data-YL18

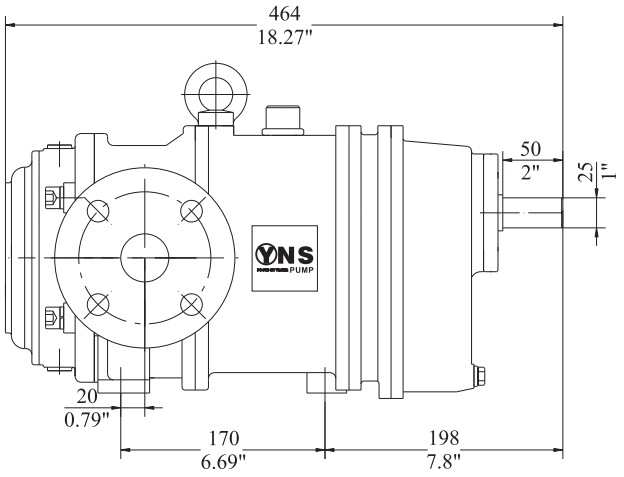
Specs	US	Metric
Rate Speed	0-720 rpm	
Rate Flow	0-44 gpm	0-10 m^3/h
Displacement (per 100 r)	6.9 gal	26 L
Max Pressure	230 psi	16 bar
Max Self-priming Lift	26 ft	8 m
Shaft Diameter	1"	25 mm
Solids Handing	0.08"	2 mm
Flange Class	ANSI 16.5 - 150#	DN - PN 16
Flange Size	ANSI 1.5"	DN 40

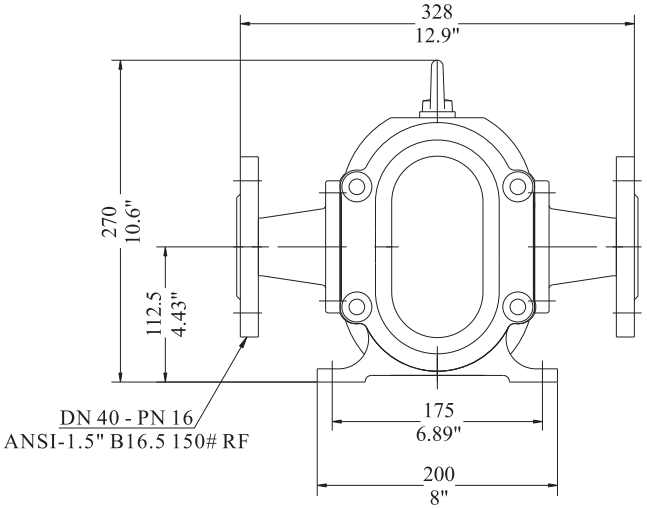
* Specs may be different in some applications. Contact Yaness for further information.



Test conducted on water-NBR Lobes

DIMENSIONS



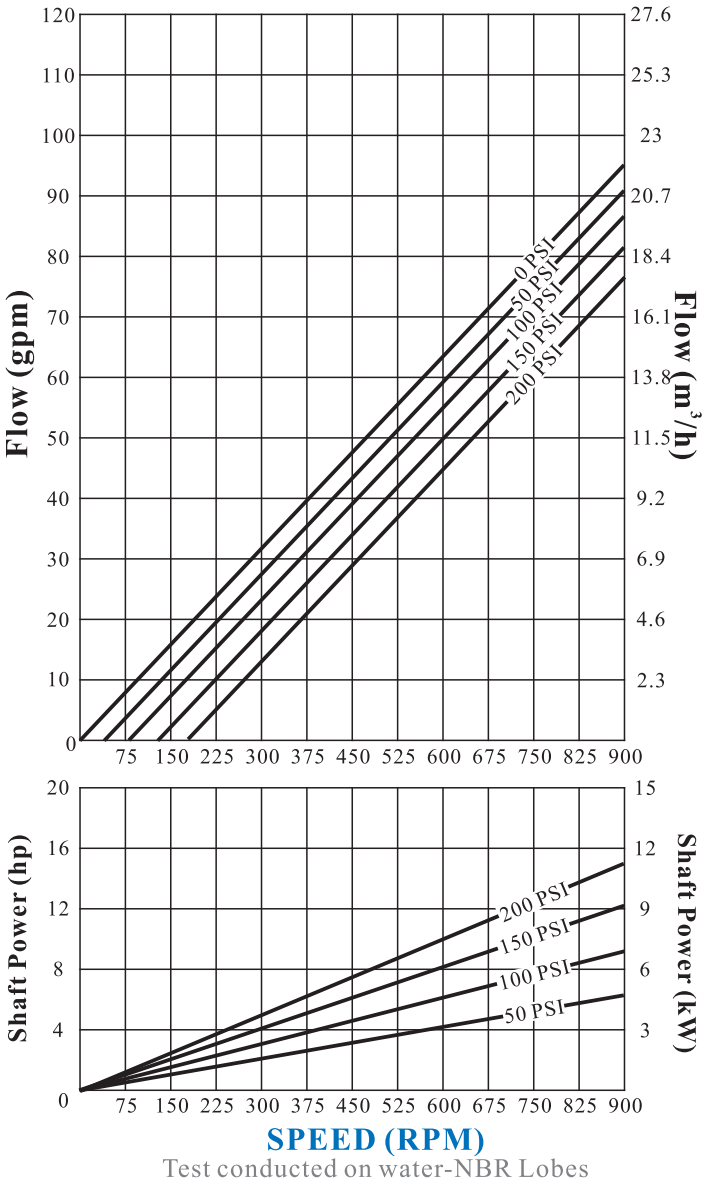


Note: This is a fully supported shaft pump with built-in reduction. Contact Yaness for other types.

Technical Data-YL28

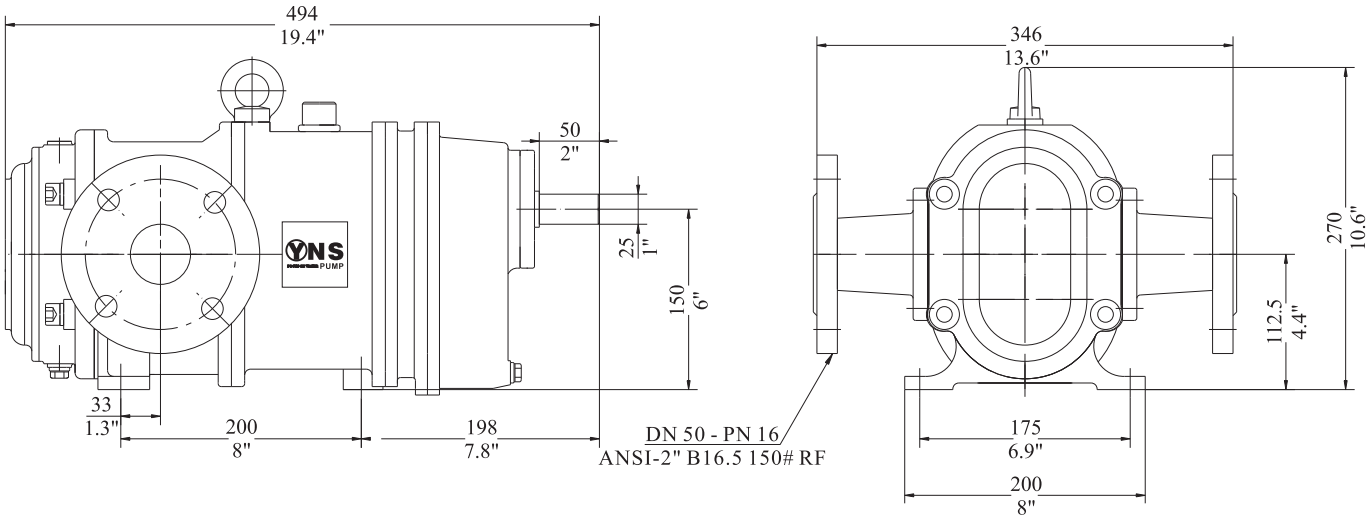
Specs	US	Metric
Rate Speed	0-720 rpm	
Rate Flow	0-66 gpm	0-15 m^3/h
Displacement (per 100 r)	10.8 gal	41 L
Max Pressure	230 psi	16 bar
Max Self-priming Lift	26 ft	8 m
Shaft Diameter	1"	25 mm
Solids Handing	0.08"	2 mm
Flange Class	ANSI 16.5 - 150#	DN - PN 16
Flange Size	ANSI 2"	DN 50

* Specs may be different in some applications. Contact Yaness for further information.



Test conducted on water-NBR Lobes

DIMENSIONS

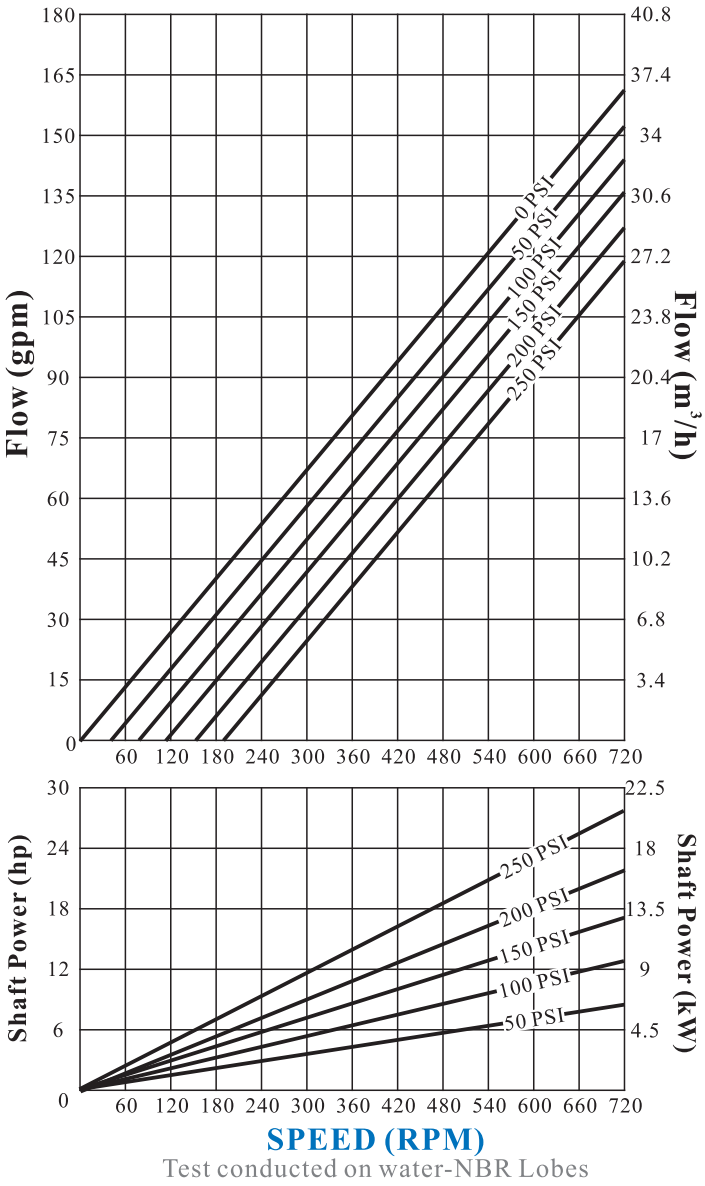


Note: This is a fully supported shaft pump with built-in reduction. Contact Yaness for other types.

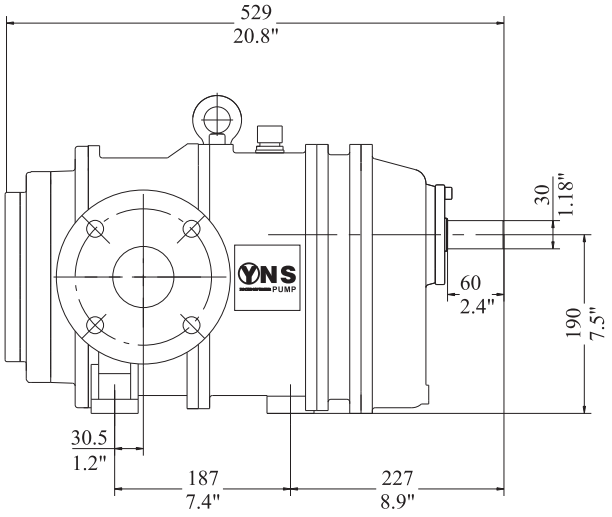
Technical Data-YL52

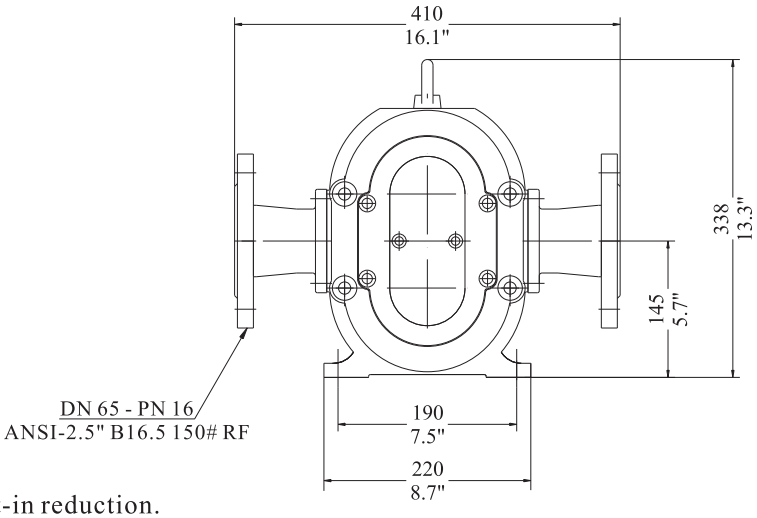
Specs	US	Metric
Rate Speed	0-630 rpm	
Rate Flow	0-110 gpm	0-25 m^3/h
Displacement (per 100 r)	21.4 gal	81 L
Max Pressure	260 psi	18 bar
Max Self-priming Lift	26 ft	8 m
Shaft Diameter	1.18"	30 mm
Solids Handing	0.08"	2 mm
Flange Class	ANSI 16.5 - 150#	DN - PN 16
Flange Size	ANSI 2.5"	DN 65

* Specs may be different in some applications. Contact Yaness for further information.



DIMENSIONS



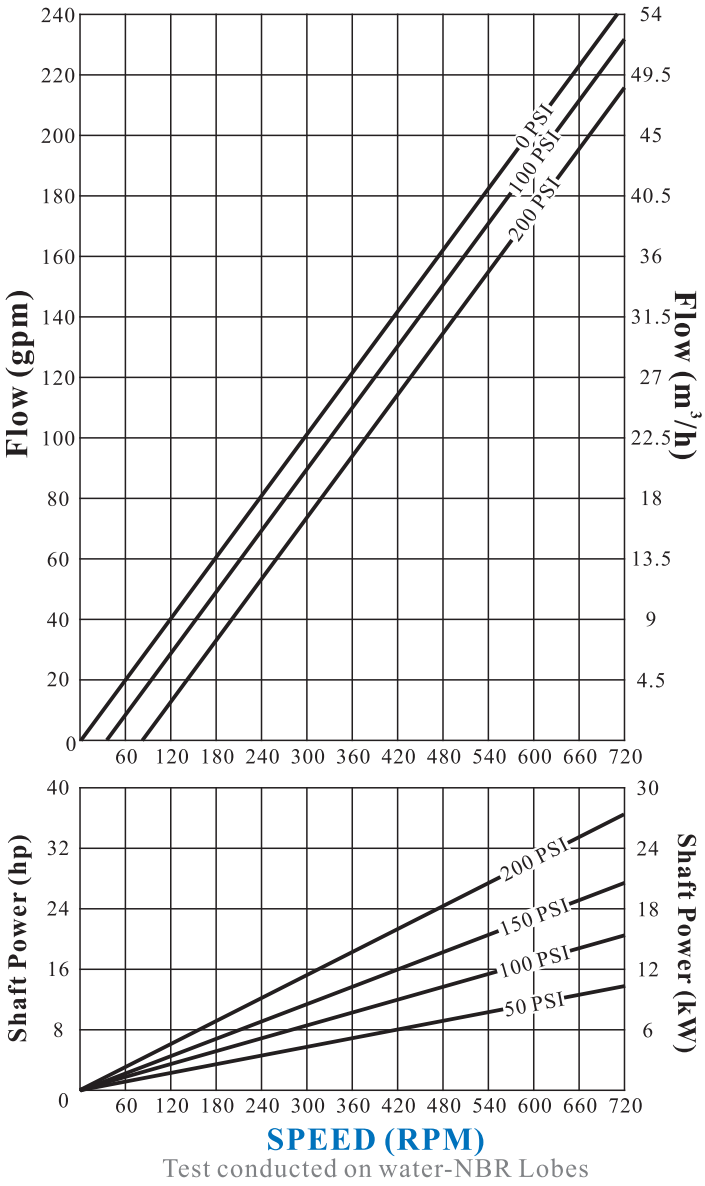


Note: This is a fully supported shaft pump with built-in reduction. Contact Yaness for other types.

Technical Data-YL87

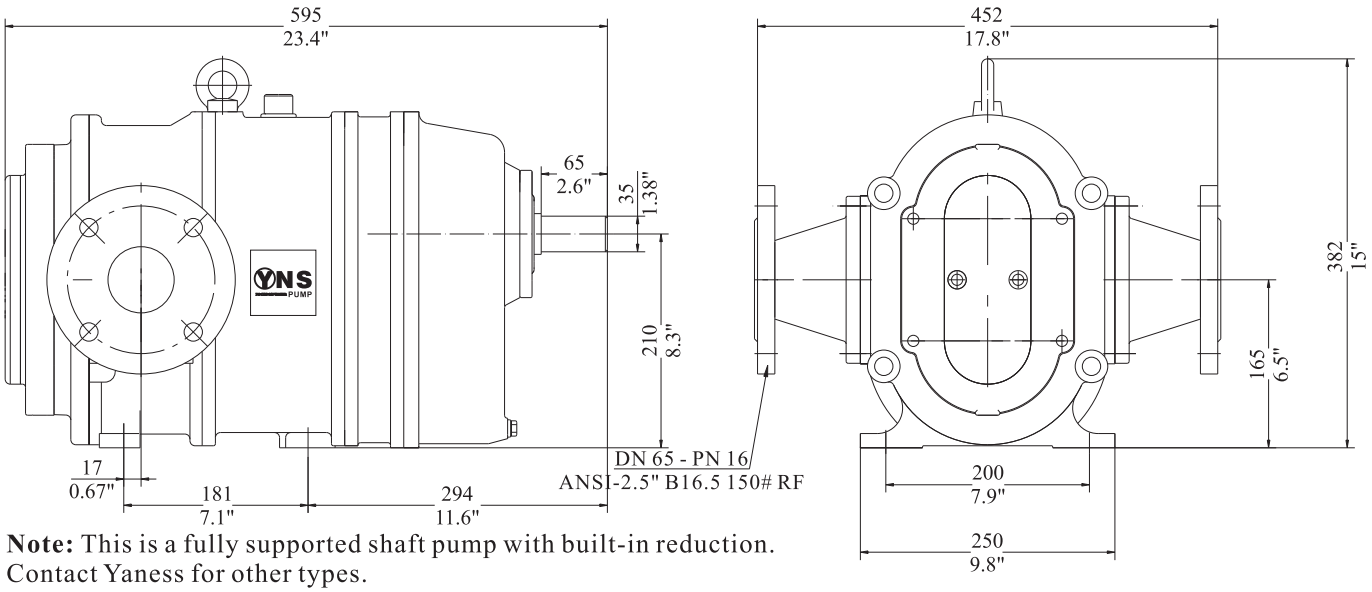
Specs	US	Metric
Rate Speed	0-530 rpm	
Rate Flow	0-150 gpm	0-35 m^3/h
Displacement (per 100 r)	33.5 gal	127 L
Max Pressure	230 psi	16 bar
Max Self-priming Lift	26 ft	8 m
Shaft Diameter	1.38"	35 mm
Solids Handing	0.12"	3 mm
Flange Class	ANSI 16.5 - 150#	DN - PN 16
Flange Size	ANSI 2.5"	DN 65

* Specs may be different in some applications. Contact Yaness for further information.



Test conducted on water-NBR Lobes

DIMENSIONS

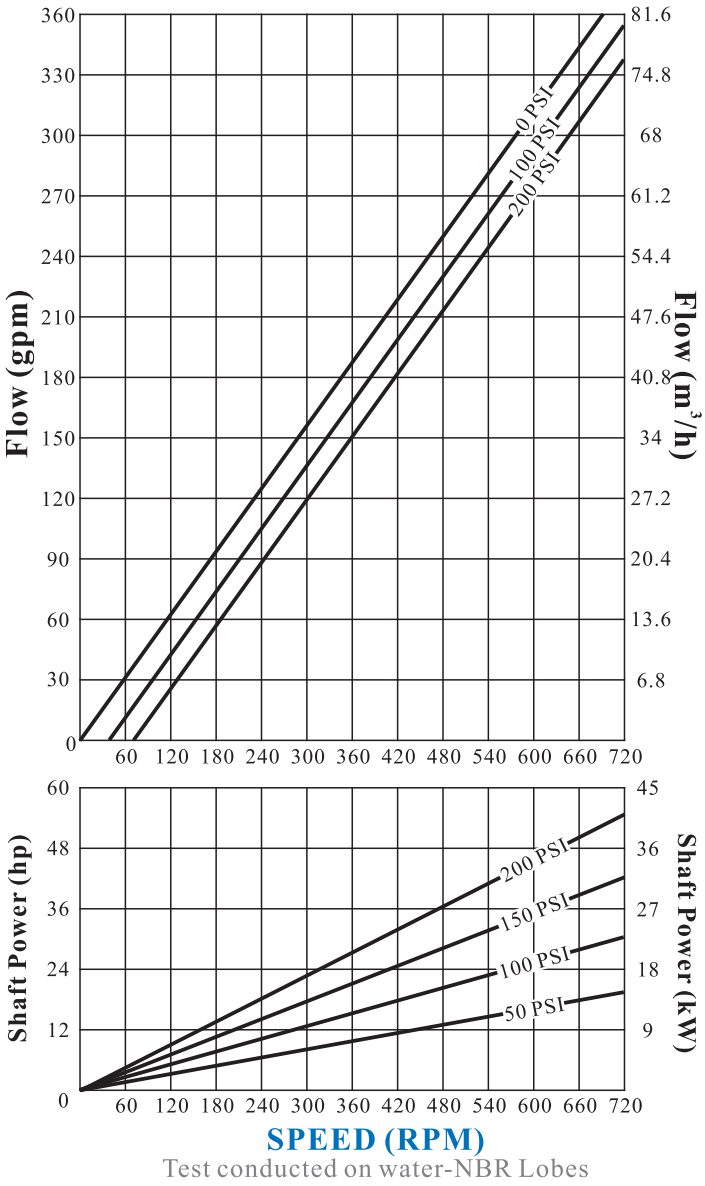


Note: This is a fully supported shaft pump with built-in reduction. Contact Yaness for other types.

Technical Data-YL150

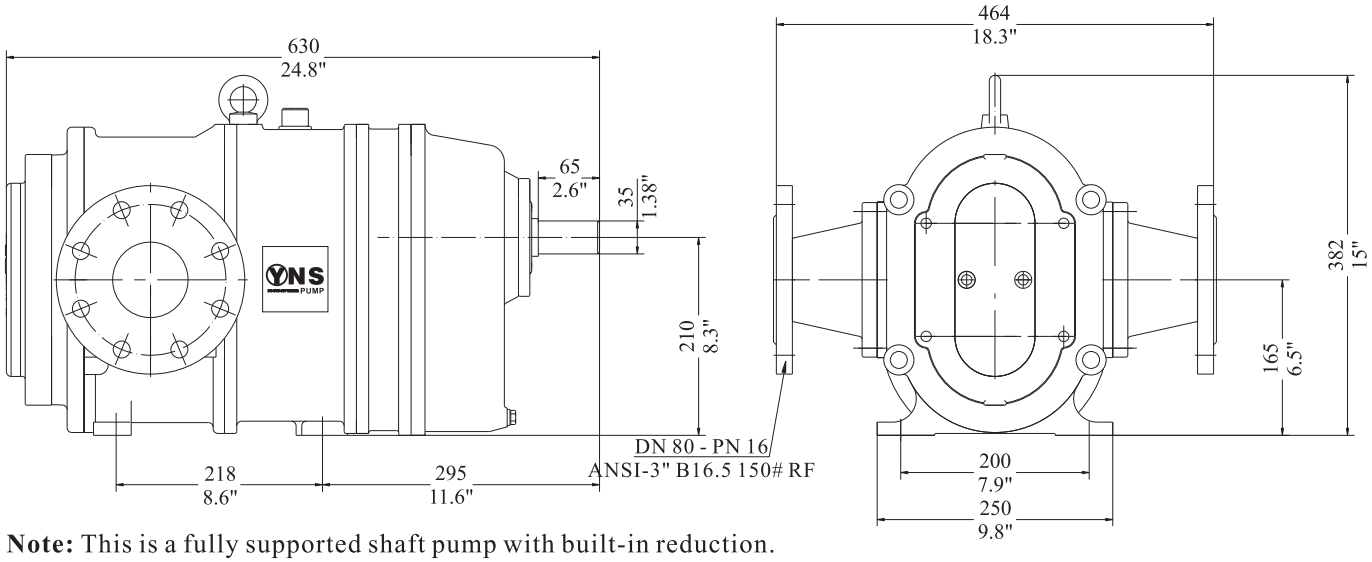
Specs	US	Metric
Rate Speed	0-530 rpm	
Rate Flow	0-260 gpm	0-60 m^3/h
Displacement (per 100 r)	51.5 gal	195 L
Max Pressure	230 psi	16 bar
Max Self-priming Lift	26 ft	8 m
Shaft Diameter	1.38"	35 mm
Solids Handing	0.12"	3 mm
Flange Class	ANSI 16.5 - 150#	DN - PN 16
Flange Size	ANSI 3"	DN 80

* Specs may be different in some applications. Contact Yaness for further information.



Test conducted on water-NBR Lobes

DIMENSIONS

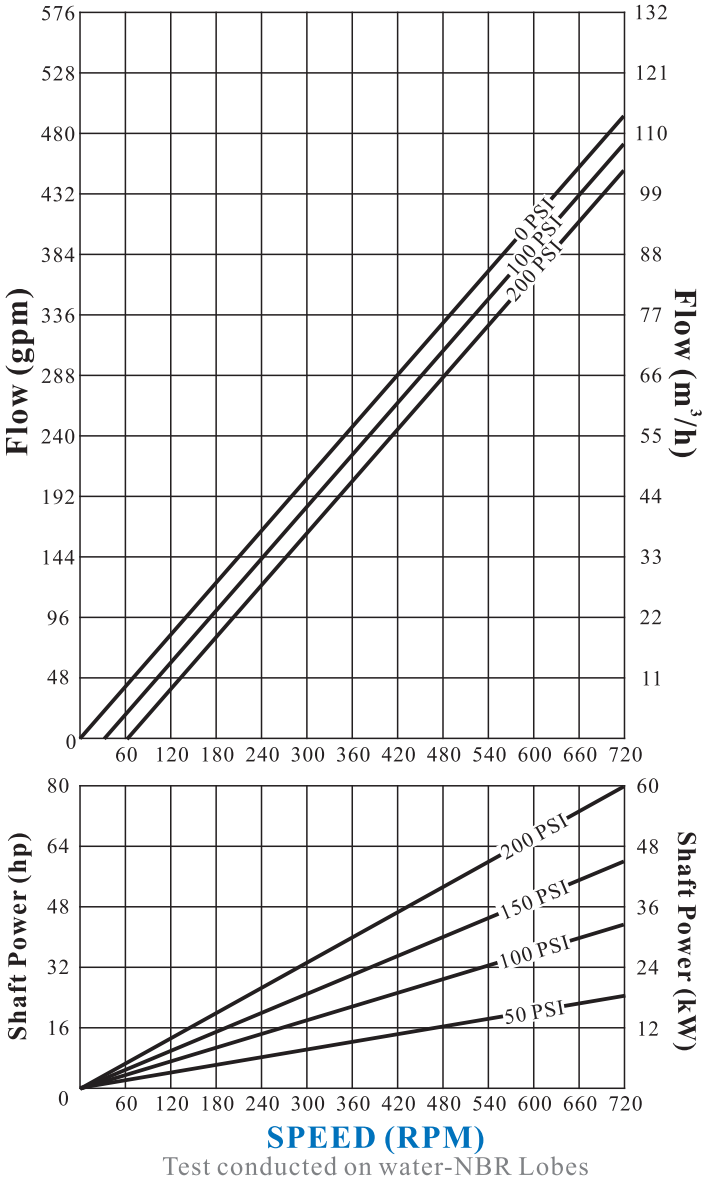


Note: This is a fully supported shaft pump with built-in reduction. Contact Yaness for other types.

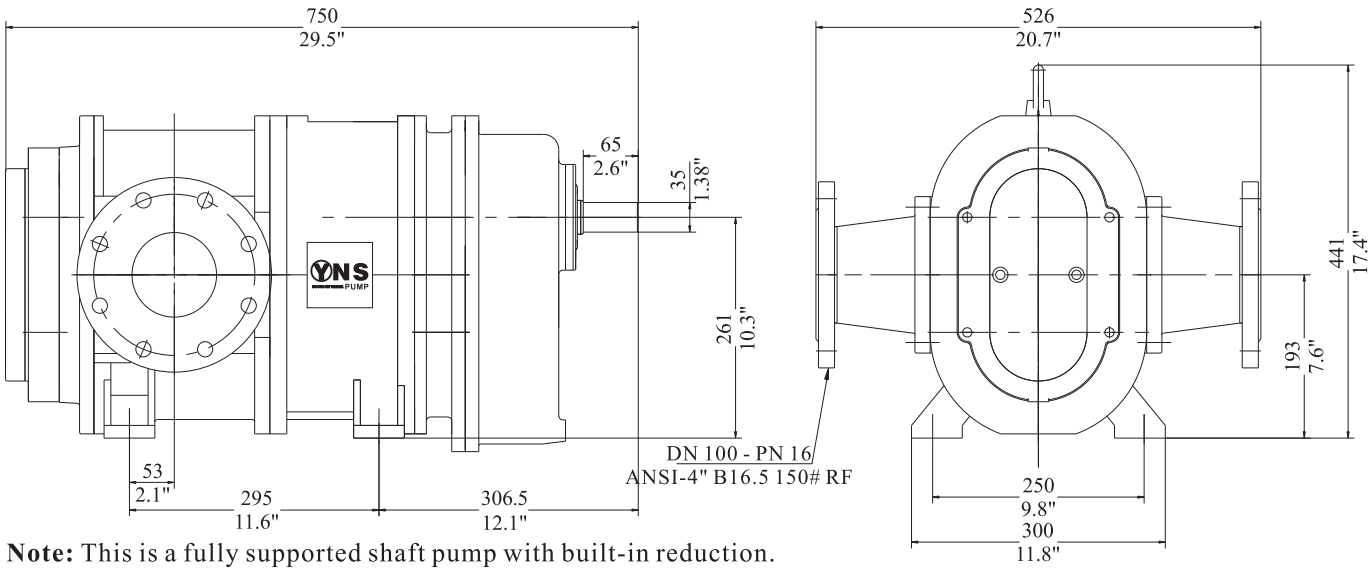
Technical Data-YL196

Specs	US	Metric
Rate Speed	0-640 rpm	
Rate Flow	0-420 gpm	0-95 m^3/h
Displacement (per 100 r)	68.7 gal	260 L
Max Pressure	230 psi	16 bar
Max Self-priming Lift	26 ft	8 m
Shaft Diameter	1.38"	35 mm
Solids Handing	0.12"	3 mm
Flange Class	ANSI 16.5 - 150#	DN - PN 16
Flange Size	ANSI 4"	DN 100

* Specs may be different in some applications. Contact Yaness for further information.



DIMENSIONS

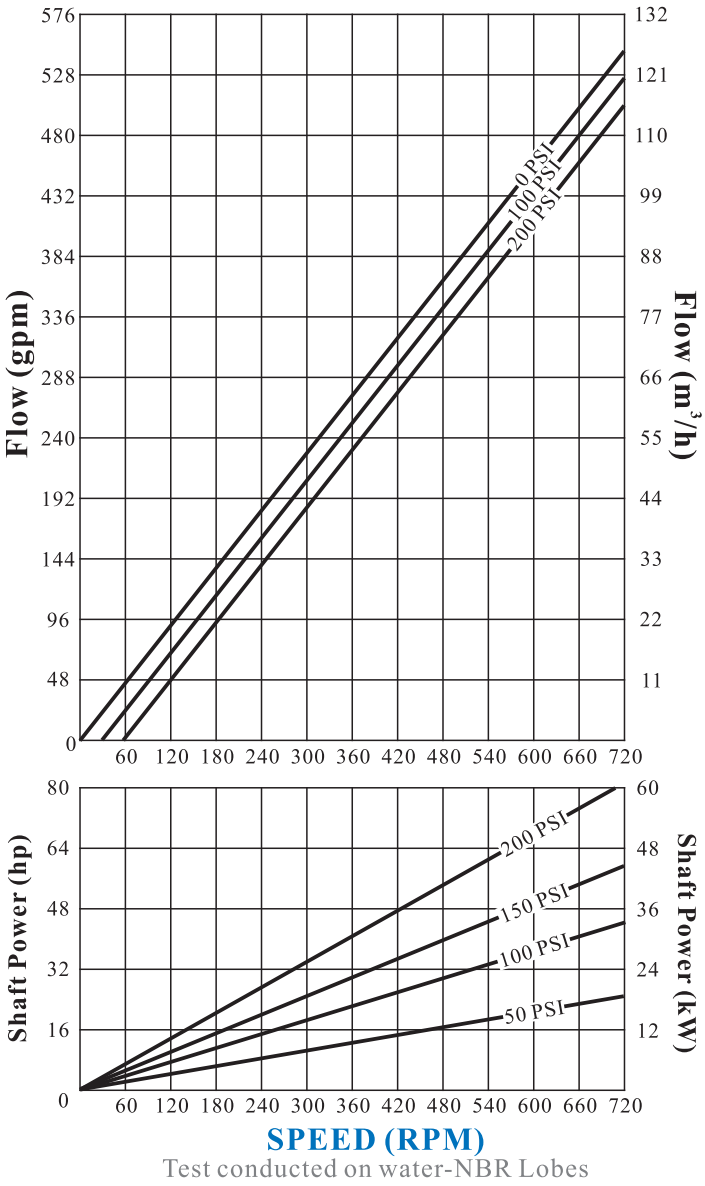


Note: This is a fully supported shaft pump with built-in reduction. Contact Yaness for other types.

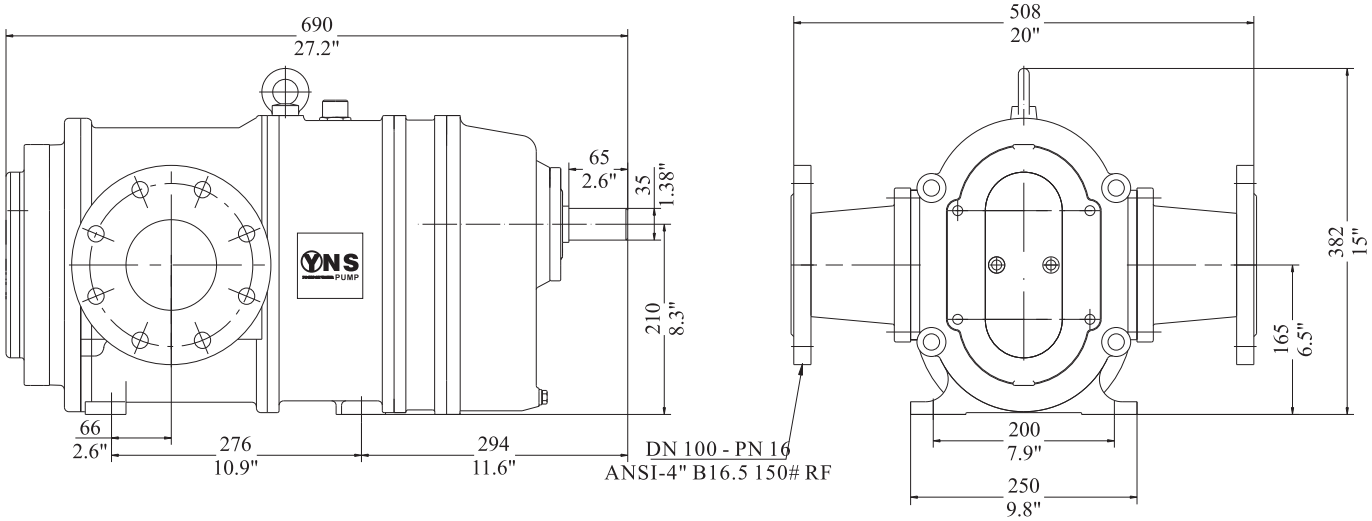
Technical Data-YL224

Specs	US	Metric
Rate Speed	0-530 rpm	
Rate Flow	0-400 gpm	0-90 m^3/h
Displacement (per 100 r)	78 gal	295 L
Max Pressure	230 psi	16 bar
Max Self-priming Lift	26 ft	8 m
Shaft Diameter	1.38"	35 mm
Solids Handing	0.12"	3 mm
Flange Class	ANSI 16.5 - 150#	DN - PN 16
Flange Size	ANSI 4"	DN 100

* Specs may be different in some applications. Contact Yaness for further information.



DIMENSIONS

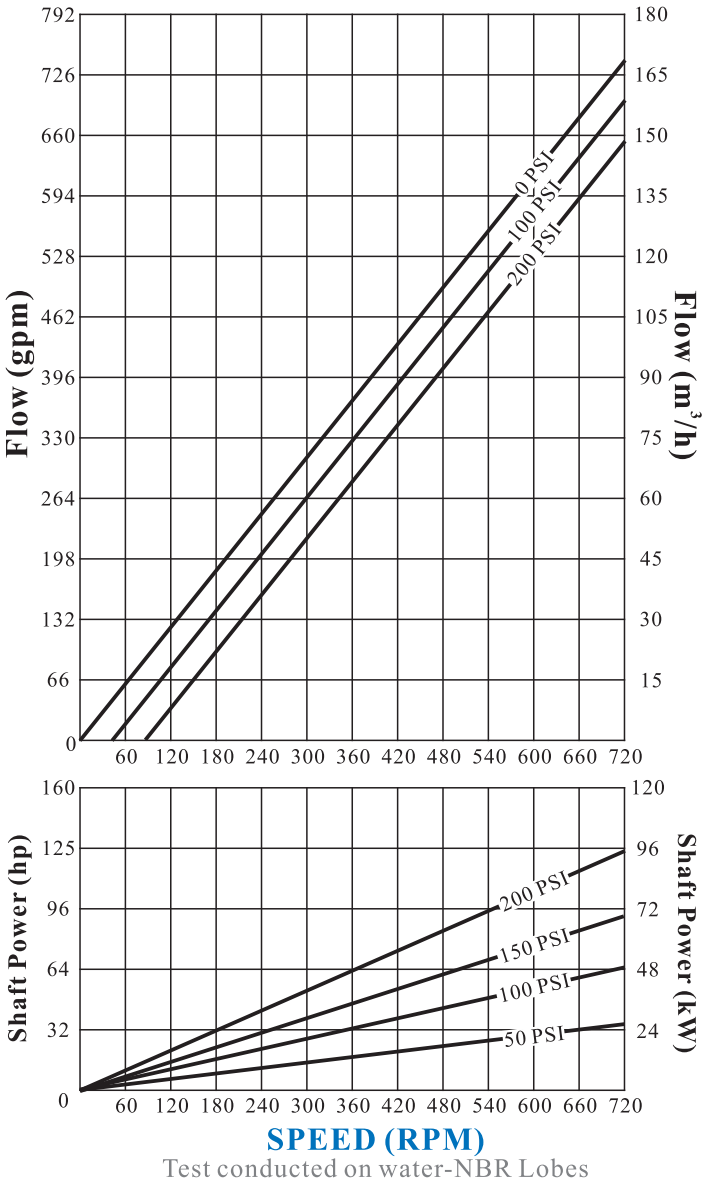


Note: This is a fully supported shaft pump with built-in reduction. Contact Yaness for other types.

Technical Data-YL300

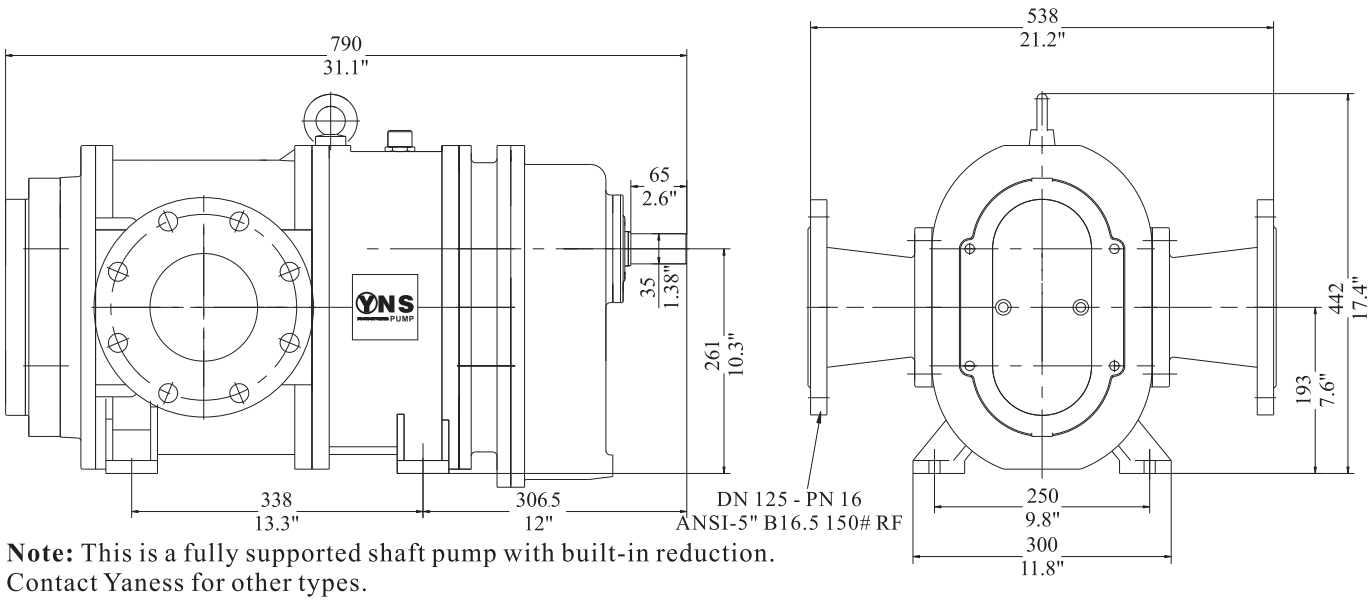
Specs	US	Metric
Rate Speed	0-530 rpm	
Rate Flow	0-530 gpm	0-120 m^3/h
Displacement (per 100 r)	103 gal	390 L
Max Pressure	230 psi	16 bar
Max Self-priming Lift	26 ft	8 m
Shaft Diameter	1.38"	35 mm
Solids Handing	0.12"	3 mm
Flange Class	ANSI 16.5 - 150#	DN - PN 16
Flange Size	ANSI 5"	DN 125

* Specs may be different in some applications. Contact Yaness for further information.



Test conducted on water-NBR Lobes

DIMENSIONS

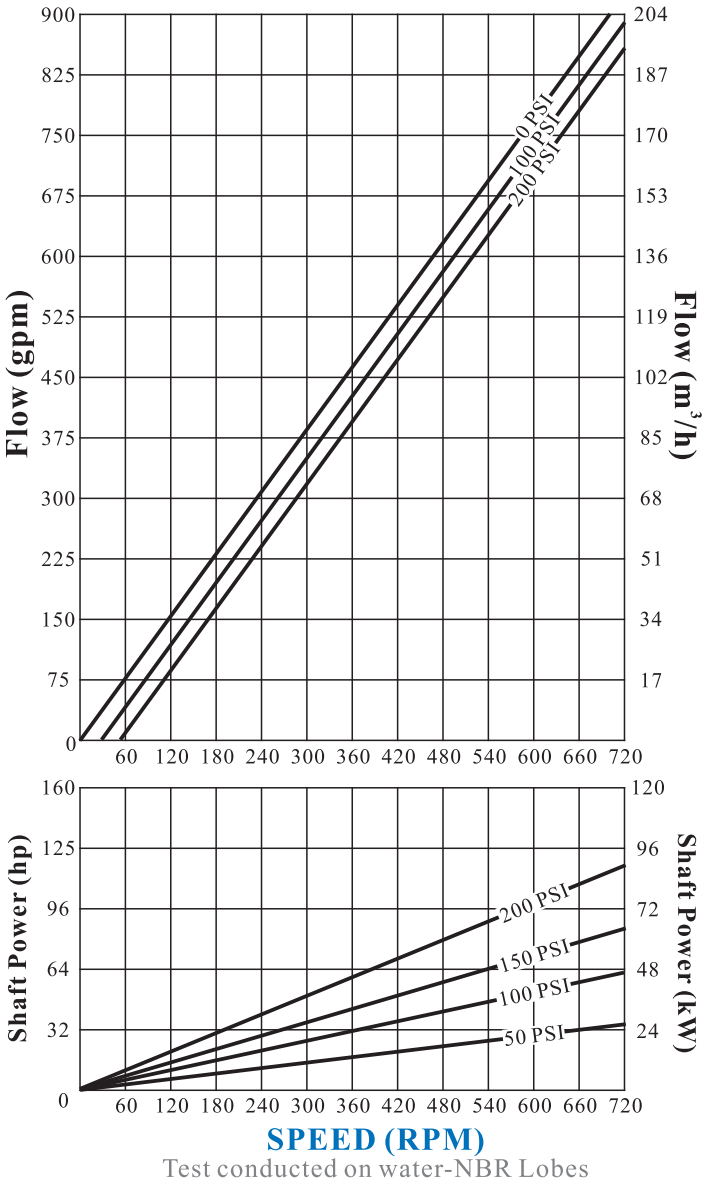


Note: This is a fully supported shaft pump with built-in reduction. Contact Yaness for other types.

Technical Data-YL360

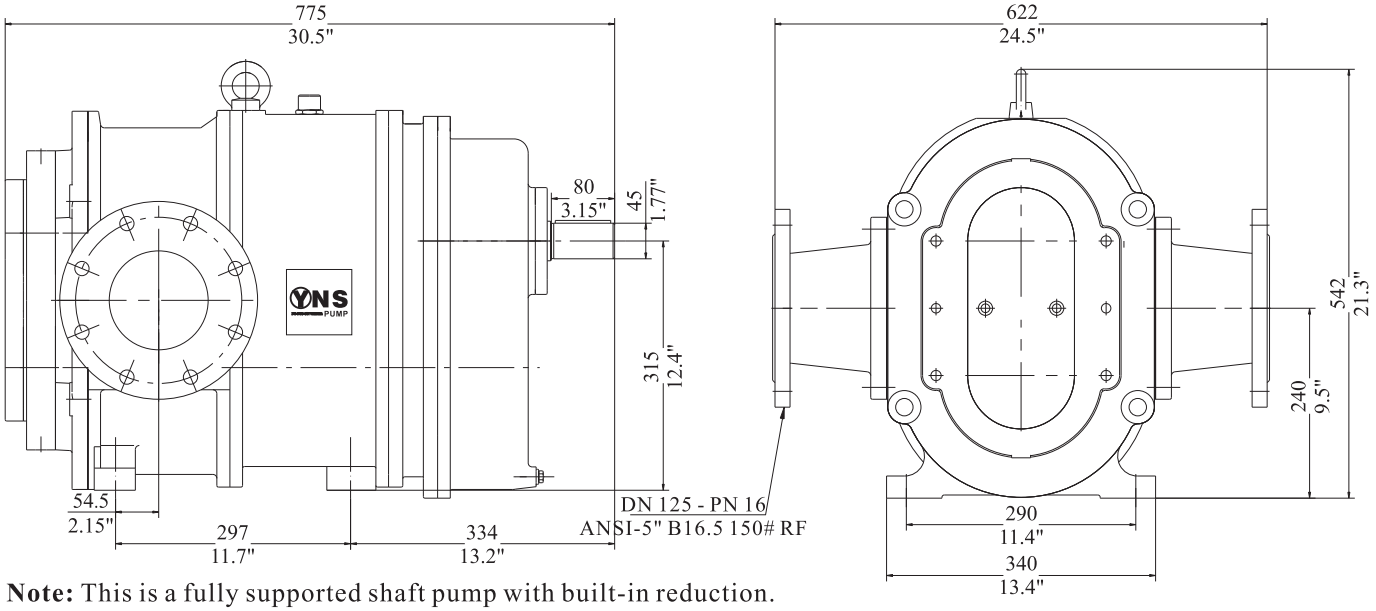
Specs	US	Metric
Rate Speed	0-550 rpm	
Rate Flow	0-660 gpm	0-150 m^3/h
Displacement (per 100 r)	125 gal	473 L
Max Pressure	230 psi	16 bar
Max Self-priming Lift	26 ft	8 m
Shaft Diameter	1.77"	45 mm
Solids Handing	0.2"	5 mm
Flange Class	ANSI 16.5 - 150#	DN - PN 16
Flange Size	ANSI 5"	DN 125

* Specs may be different in some applications. Contact Yaness for further information.



Test conducted on water-NBR Lobes

DIMENSIONS

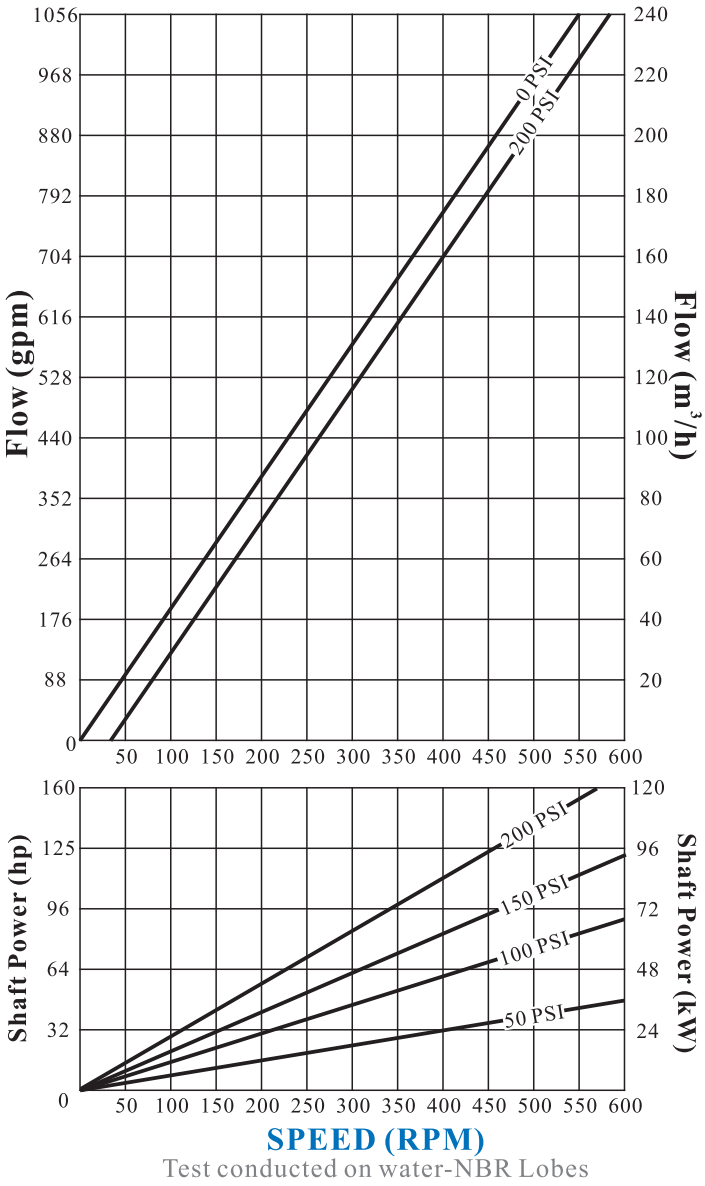


Note: This is a fully supported shaft pump with built-in reduction. Contact Yaness for other types.

Technical Data-YL540

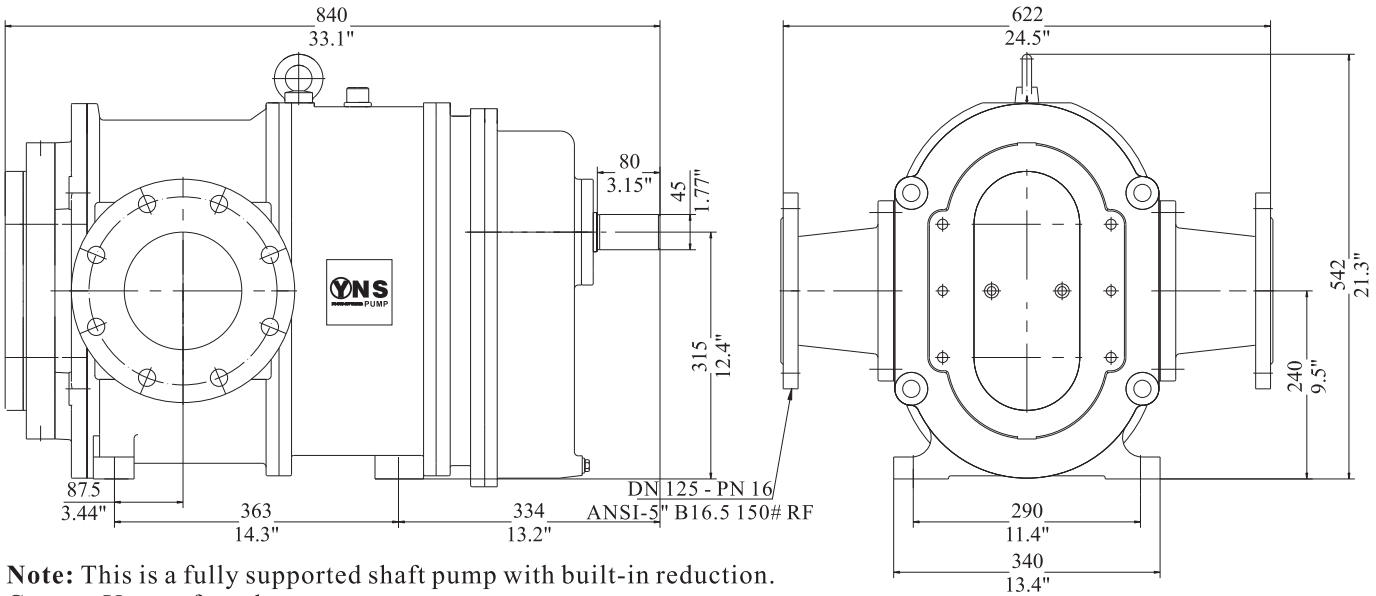
Specs	US	Metric
Rate Speed	0-550 rpm	
Rate Flow	0-970 gpm	0-220 m^3/h
Displacement (per 100 r)	187 gal	706 L
Max Pressure	230 psi	16 bar
Max Self-priming Lift	26 ft	8 m
Shaft Diameter	1.77"	45 mm
Solids Handing	0.2"	5 mm
Flange Class	ANSI 16.5 - 150#	DN - PN 16
Flange Size	ANSI 6"	DN 150

* Specs may be different in some applications. Contact Yaness for further information.



Test conducted on water-NBR Lobes

DIMENSIONS

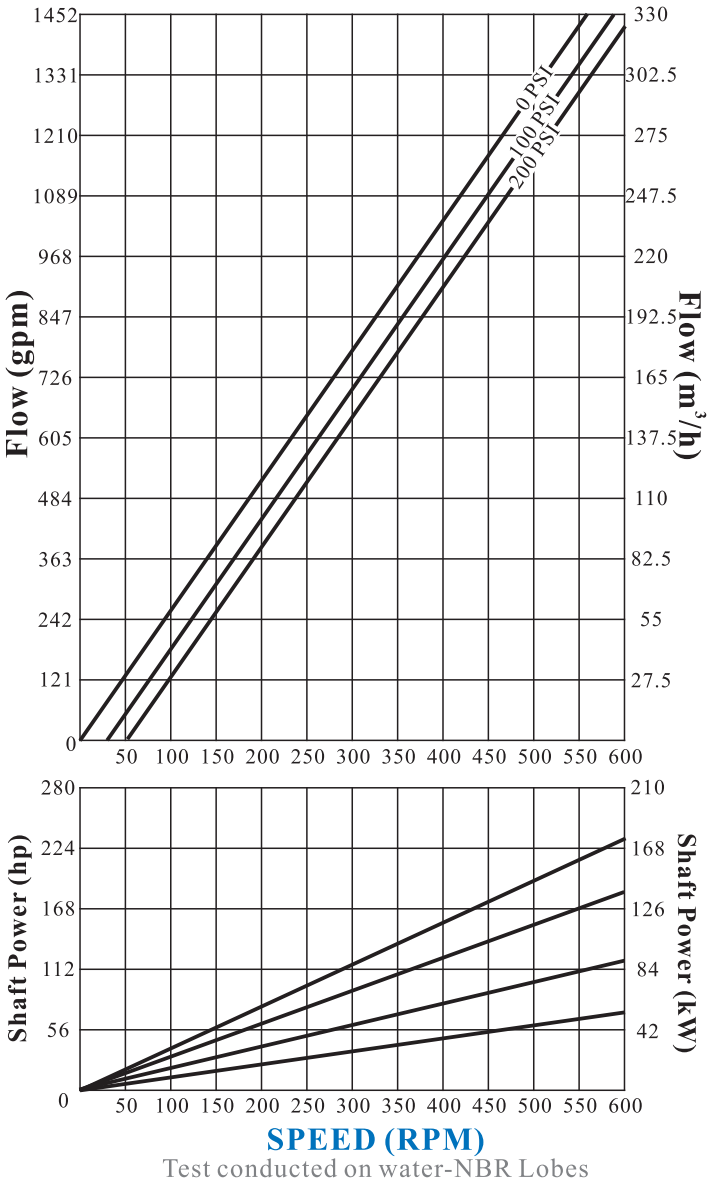


Note: This is a fully supported shaft pump with built-in reduction. Contact Yaness for other types.

Technical Data-YL720

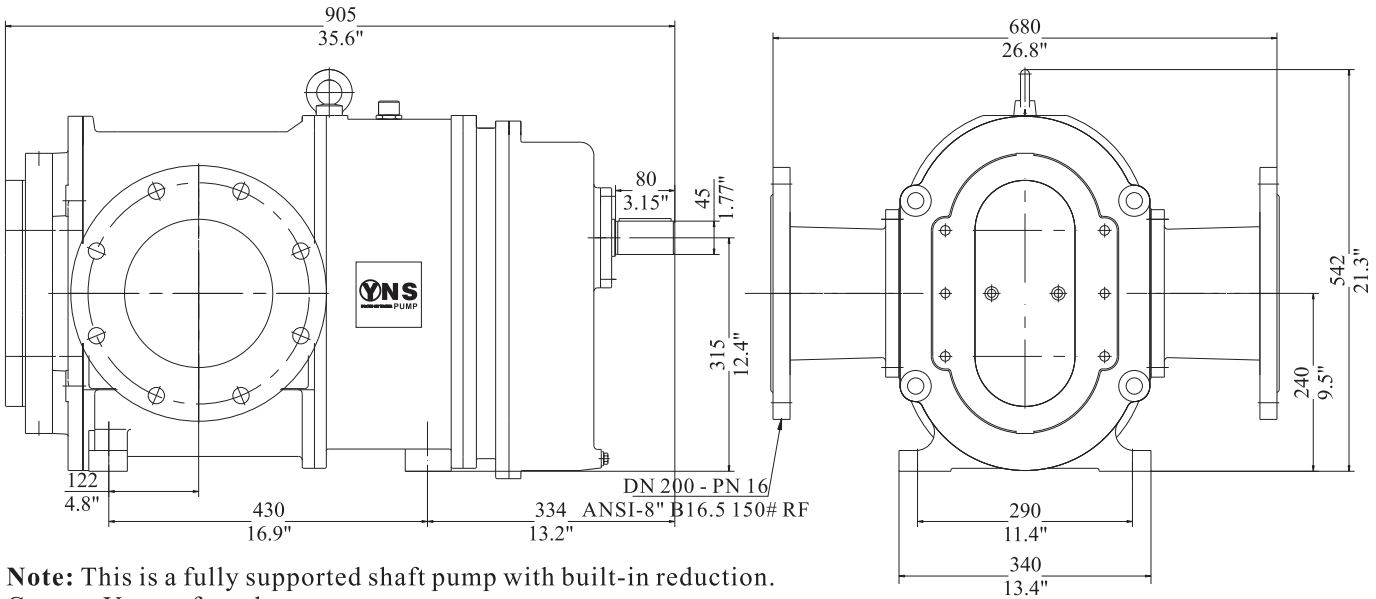
Specs	US	Metric
Rate Speed	0-550 rpm	
Rate Flow	0-1320gpm	0-300 m^3/h
Displacement (per 100 r)	250 gal	946 L
Max Pressure	230 psi	16 bar
Max Self-priming Lift	26 ft	8 m
Shaft Diameter	1.77"	45 mm
Solids Handing	0.2"	5 mm
Flange Class	ANSI 16.5 - 150#	DN - PN 16
Flange Size	ANSI 8"	DN 200

* Specs may be different in some applications. Contact Yaness for further information.



Test conducted on water-NBR Lobes

DIMENSIONS

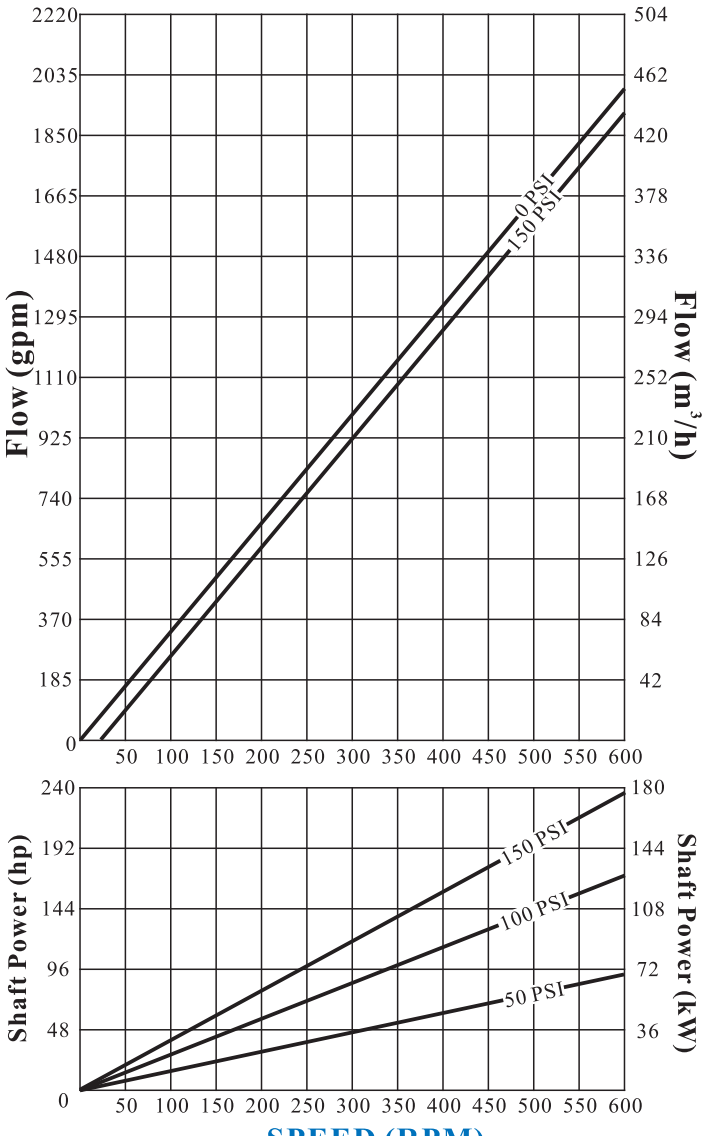


Note: This is a fully supported shaft pump with built-in reduction. Contact Yaness for other types.

Technical Data-YL990

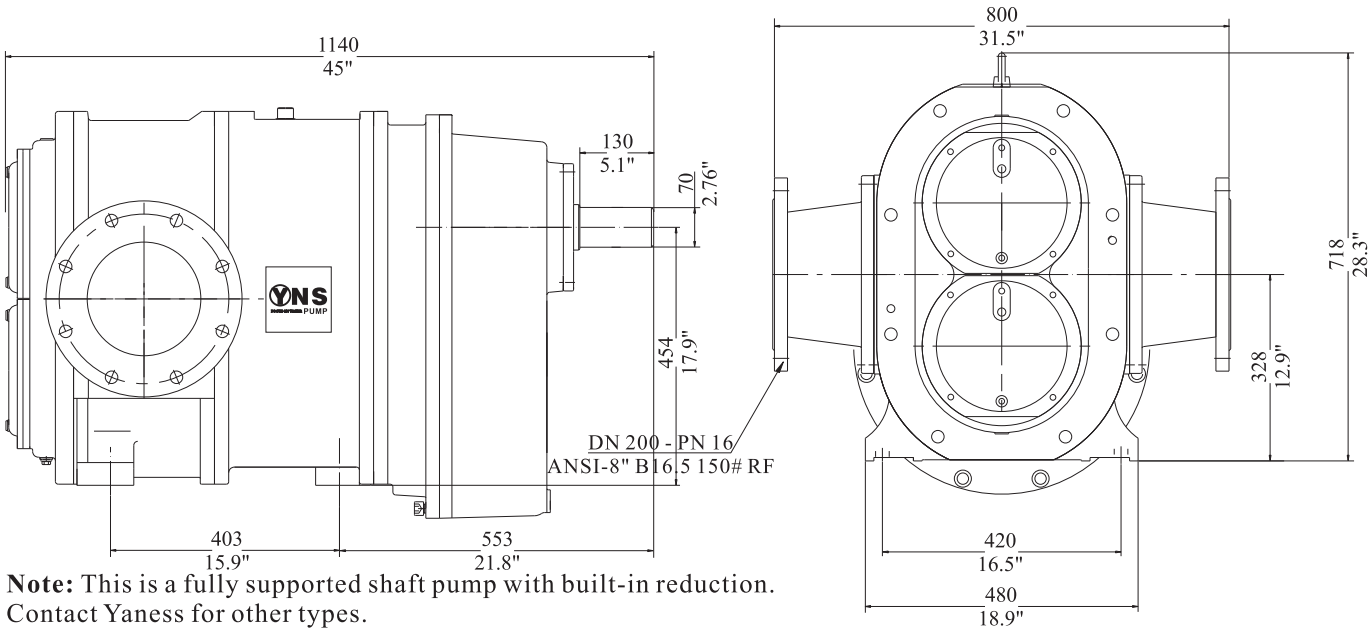
Specs	US	Metric
Rate Speed	0-500rpm	
Rate Flow	0-1630gpm	0-370 m^3/h
Displacement (per 100 r)	330 gal	1250 L
Max Pressure	150 psi	10 bar
Max Self-priming Lift	26 ft	8 m
Shaft Diameter	2.76"	70 mm
Solids Handing	0.32"	8 mm
Flange Class	ANSI 16.5 - 150#	DN - PN 16
Flange Size	ANSI 8"	DN 200

* Specs may be different in some applications. Contact Yaness for further information.



Test conducted on water-NBR Lobes

DIMENSIONS

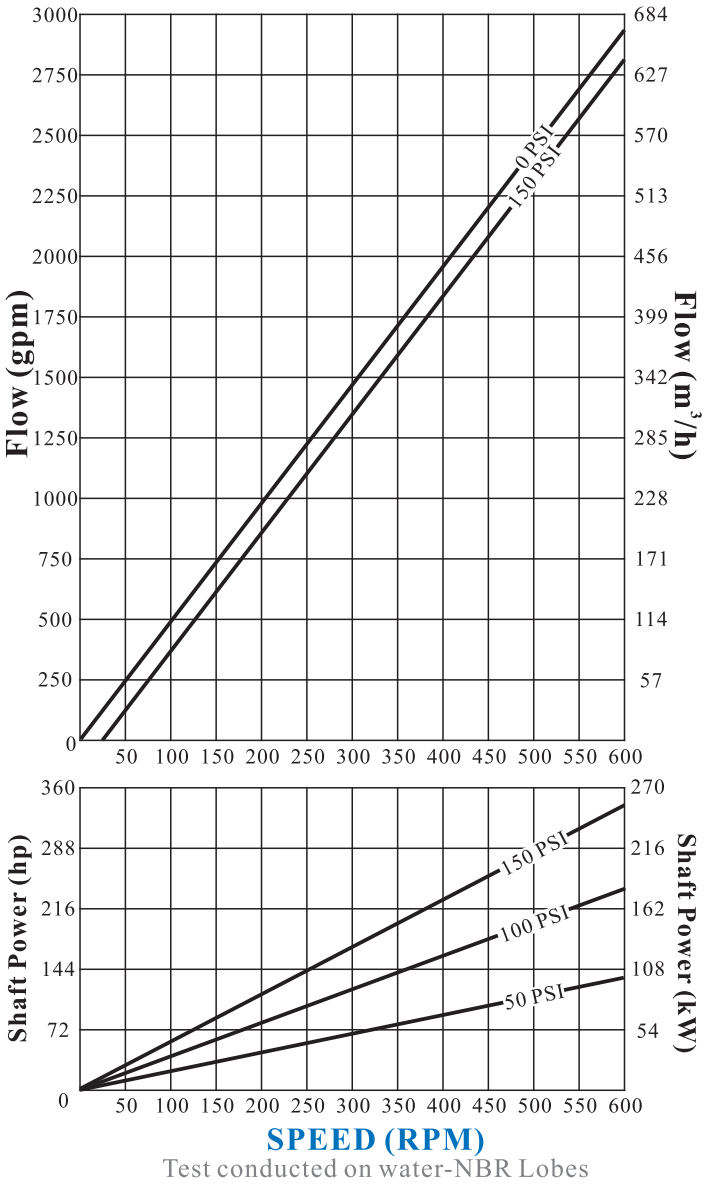


Note: This is a fully supported shaft pump with built-in reduction. Contact Yaness for other types.

Technical Data-YL1450

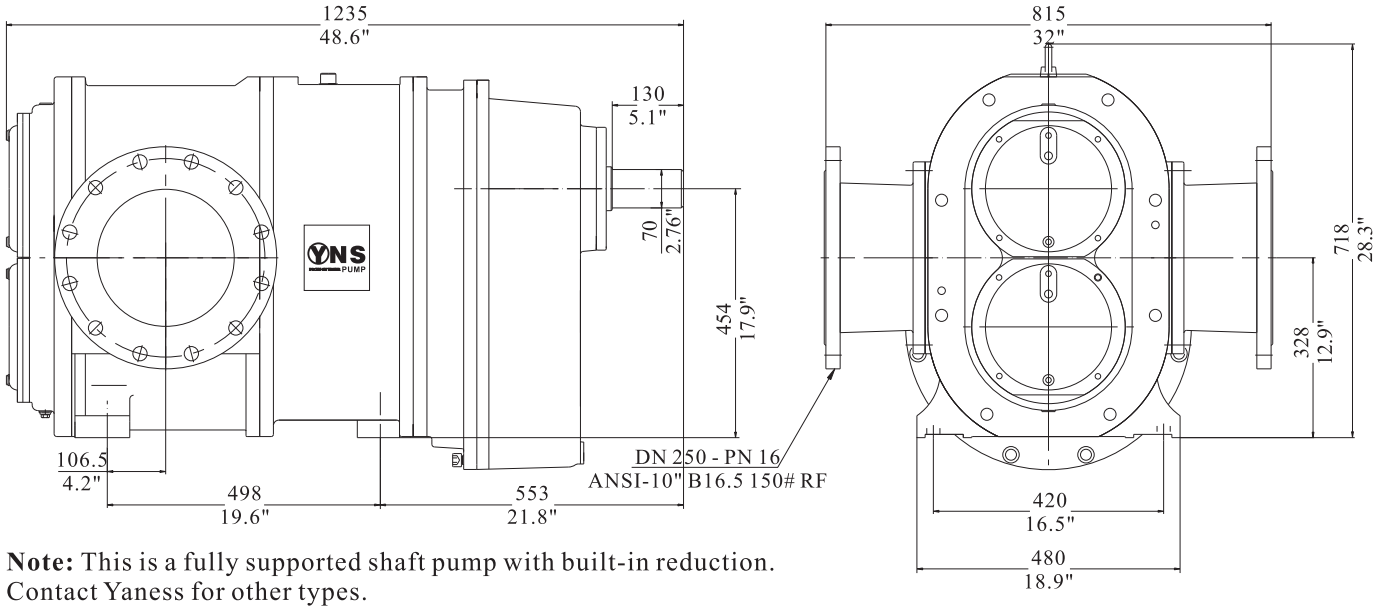
Specs	US	Metric
Rate Speed	0-500rpm	
Rate Flow	0-2420gpm	0-550 m^3/h
Displacement (per 100 r)	495 gal	1875 L
Max Pressure	150 psi	10 bar
Max Self-priming Lift	26 ft	8 m
Shaft Diameter	2.76"	70 mm
Solids Handing	0.32"	8 mm
Flange Class	ANSI 16.5 - 150#	DN - PN 16
Flange Size	ANSI 10"	DN 250

* Specs may be different in some applications. Contact Yaness for further information.



Test conducted on water-NBR Lobes

DIMENSIONS

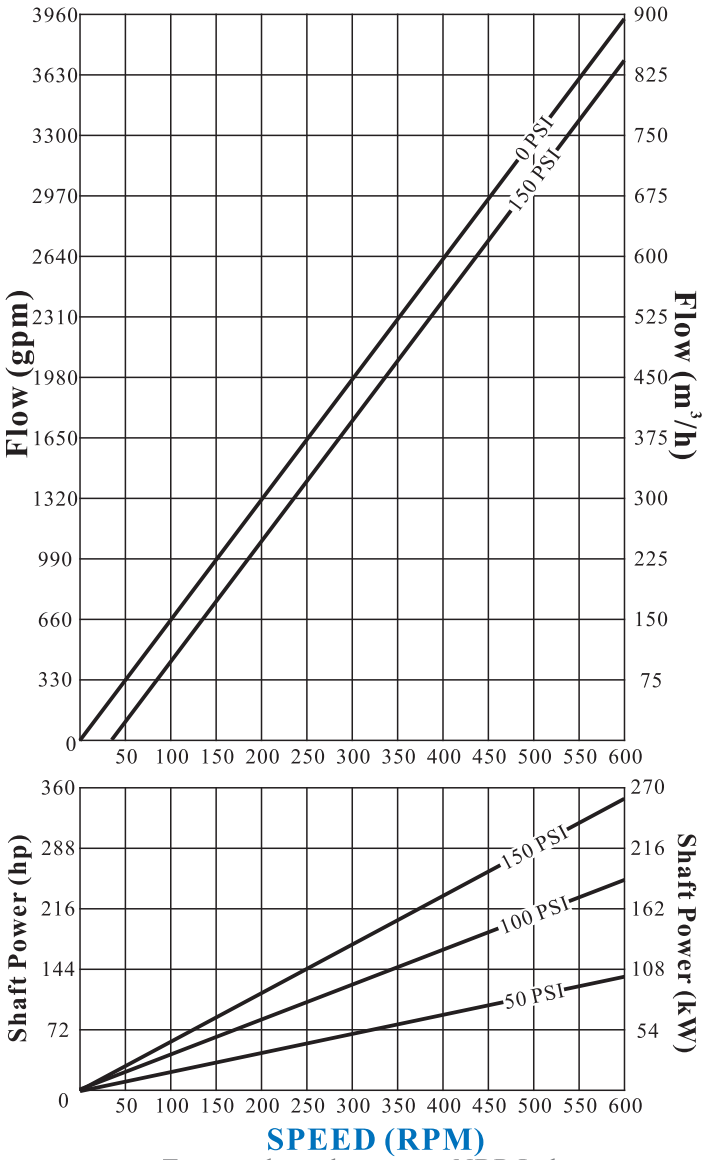


Note: This is a fully supported shaft pump with built-in reduction. Contact Yaness for other types.

Technical Data-YL1980

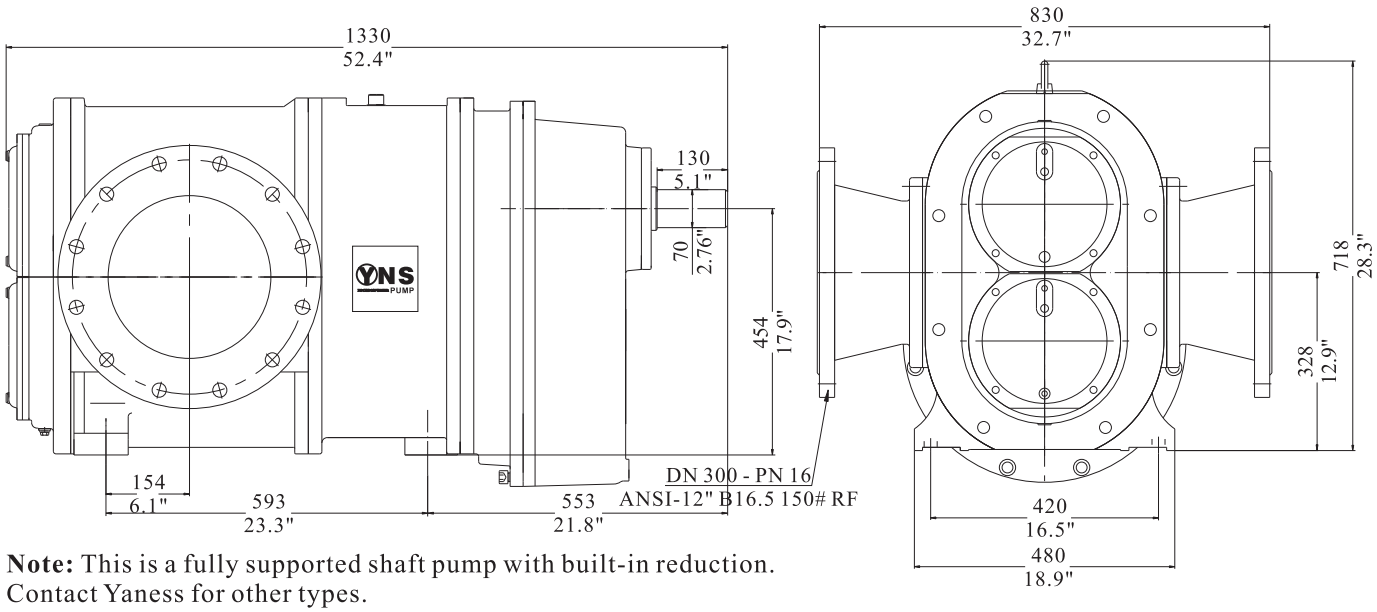
Specs	US	Metric
Rate Speed	0-500rpm	
Rate Flow	0-3300gpm	0-750 m^3/h
Displacement (per 100 r)	660 gal	2500 L
Max Pressure	150 psi	10 bar
Max Self-priming Lift	26 ft	8 m
Shaft Diameter	2.76"	70 mm
Solids Handing	0.32"	8 mm
Flange Class	ANSI 16.5 - 150#	DN - PN 16
Flange Size	ANSI 12"	DN 300

* Specs may be different in some applications. Contact Yaness for further information.



Test conducted on water-NBR Lobes

DIMENSIONS

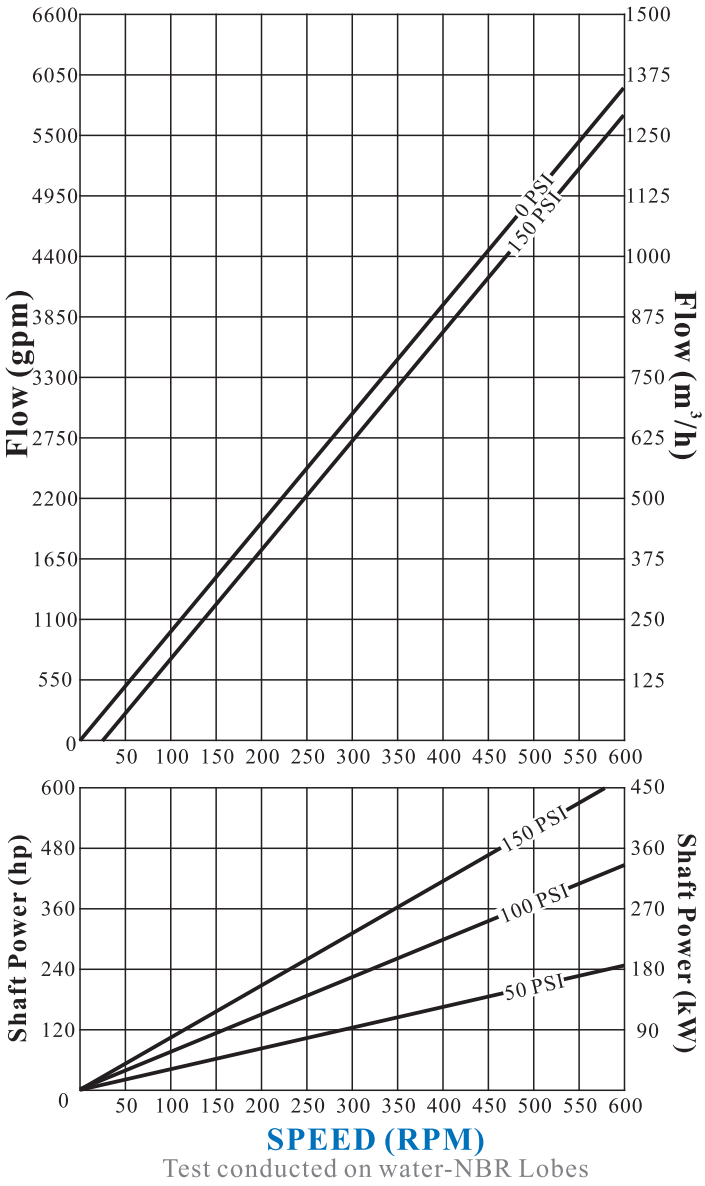


Note: This is a fully supported shaft pump with built-in reduction. Contact Yaness for other types.

Technical Data-YL2900

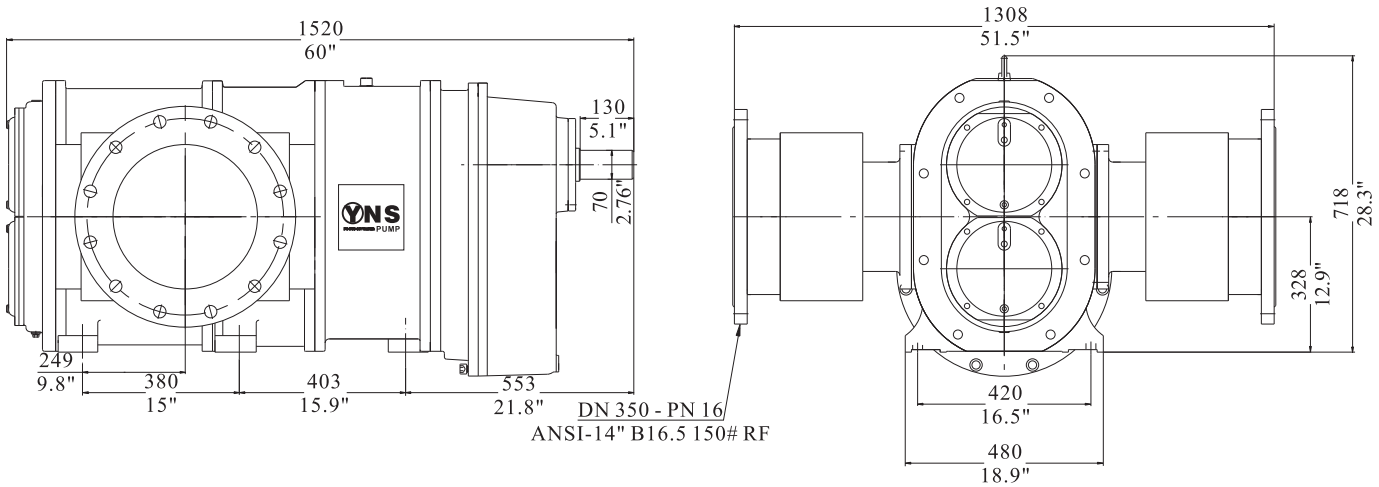
Specs	US	Metric
Rate Speed	0-500rpm	
Rate Flow	0-4840gpm	0-1100m^3/h
Displacement (per 100 r)	990 gal	3750 L
Max Pressure	150 psi	10 bar
Max Self-priming Lift	26 ft	8 m
Shaft Diameter	2.76"	70 mm
Solids Handing	0.32"	8 mm
Flange Class	ANSI 16.5 - 150#	DN - PN 16
Flange Size	ANSI 14"	DN 350

* Specs may be different in some applications. Contact Yaness for further information.



Test conducted on water-NBR Lobes

DIMENSIONS

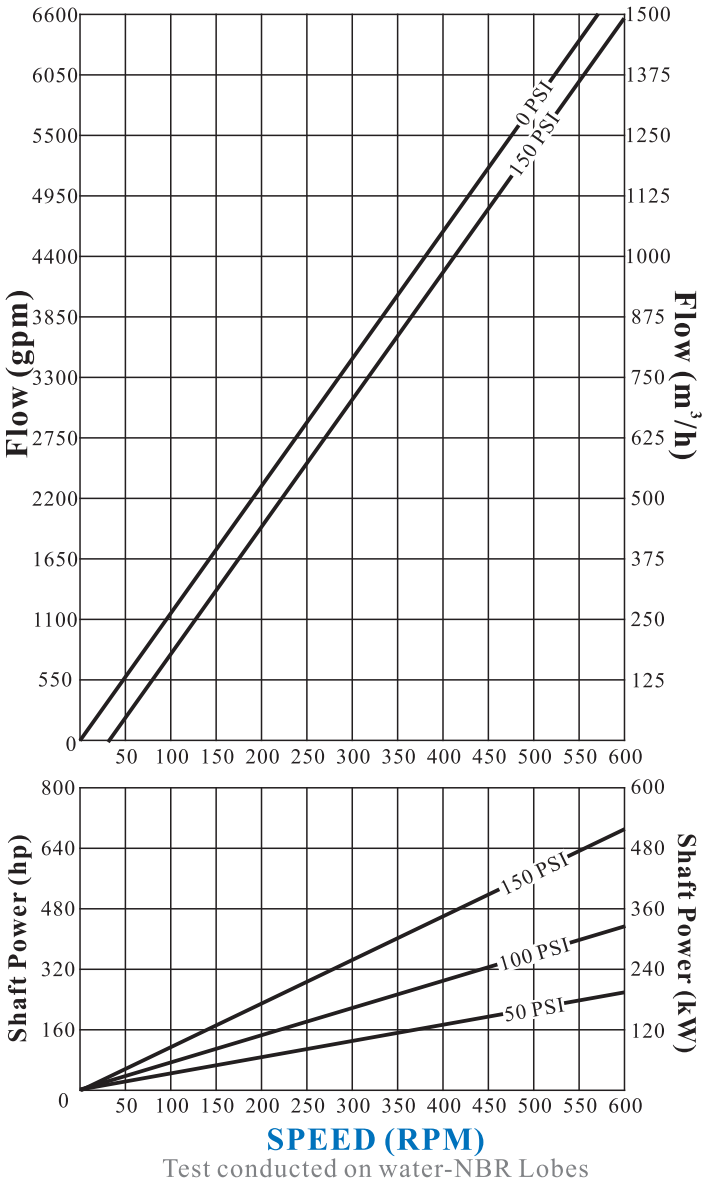


Note: This is a fully supported shaft pump with built-in reduction. Contact Yaness for other types.

Technical Data-YL3434

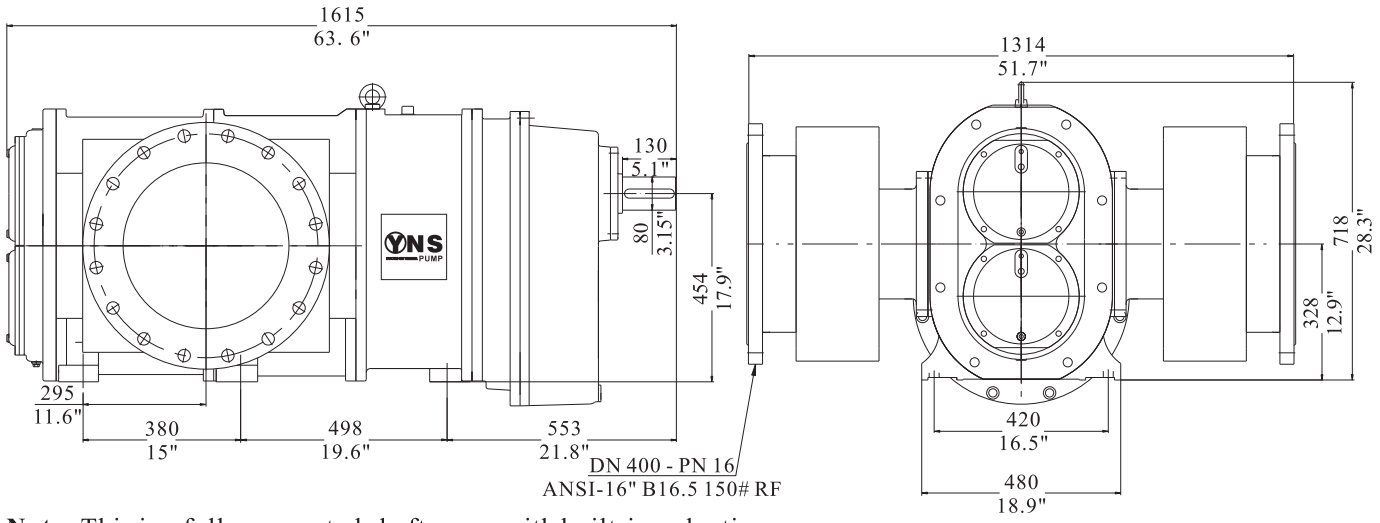
Specs	US	Metric
Rate Speed	0-500rpm	
Rate Flow	0-5720gpm	0-1300m^3/h
Displacement (per 100 r)	1155 gal	4375 L
Max Pressure	150 psi	10 bar
Max Self-priming Lift	26 ft	8 m
Shaft Diameter	3.15"	80 mm
Solids Handing	0.32"	8 mm
Flange Class	ANSI 16.5 - 150#	DN - PN 16
Flange Size	ANSI 16"	DN 400

* Specs may be different in some applications. Contact Yaness for further information.



Test conducted on water-NBR Lobes

DIMENSIONS

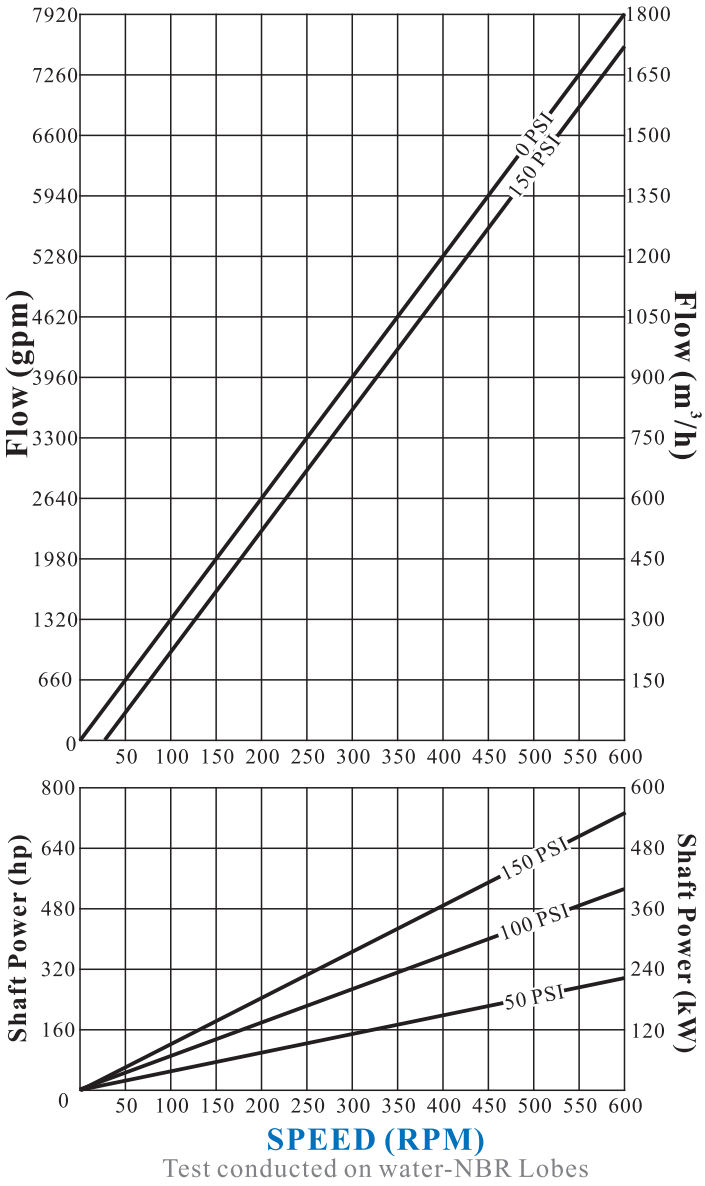


Note: This is a fully supported shaft pump with built-in reduction. Contact Yaness for other types.

Technical Data-YL3830

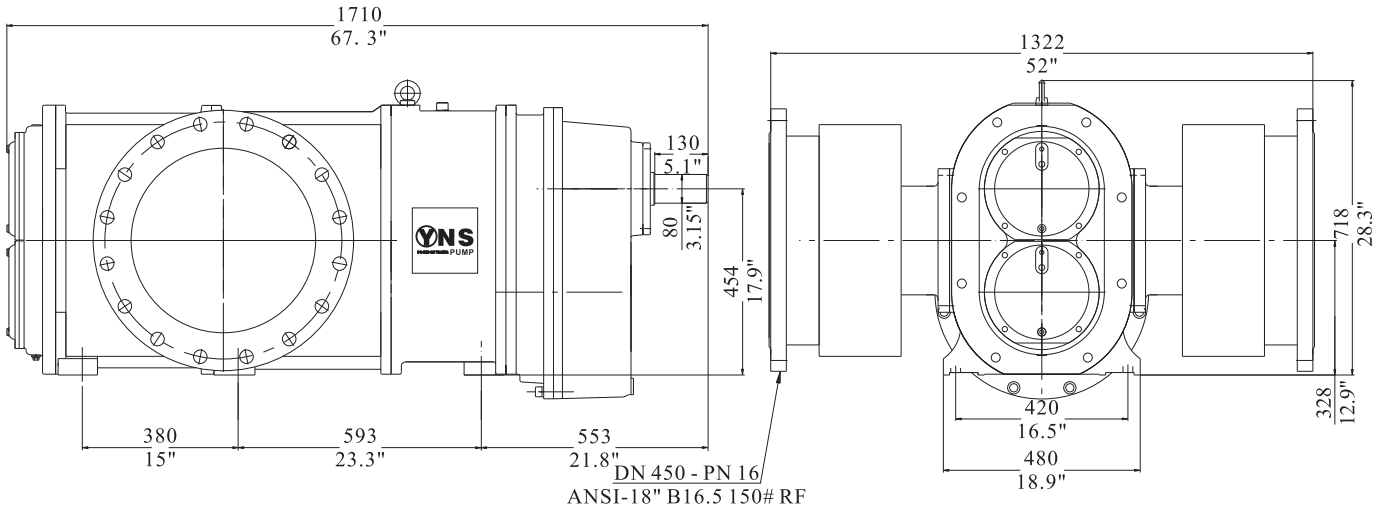
Specs	US	Metric
Rate Speed	0-500rpm	
Rate Flow	0-6380gpm	0-1450m^3/h
Displacement (per 100 r)	1320 gal	5000 L
Max Pressure	150 psi	10 bar
Max Self-priming Lift	26 ft	8 m
Shaft Diameter	3.15"	80 mm
Solids Handing	0.32"	8 mm
Flange Class	ANSI 16.5 - 150#	DN - PN 16
Flange Size	ANSI 18"	DN 450

* Specs may be different in some applications. Contact Yaness for further information.



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DIMENSIONS



Note: This is a fully supported shaft pump with built-in reduction. Contact Yaness for other types.

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At YANESS, we not only supply a better pump but also offer better support.

Pre-sale service

We offer a customized solution (Suitable pumps and full technical data) for your application, and you can get it within 48 hours during our workdays.

Testing

We test every pumps to ensure pumps work properly and meet the customers' requirements. All pumps will continuously test at least 6 hours before delivery.

Delivery

15 days for bare-shaft pumps, 30 days for systems, and 2 days for repair parts.

Warranty

Our pumps come with a 2-year warranty on quality and materials, and we offer free lifelong technical support and 5-year repair parts supply service.

After-sales service

24/7. Lifelong after-sales service.



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