



9060 Series Right Angle Gear Drives Fire Protection

Horsepowers to: 500 HP
Downthrust to: 16,500 Pounds



Built Per N.F.P.A. 20



SERIES 9060

MODEL RAG

RIGHT ANGLE GEAR DRIVES

Sizes: 100 HP to 500 HP
 Shaft Sizes: 2-15/16 Inches

Services:
 Fire Protection



DOMES

- Heavy duty cast iron designed to be easily removable but protect the entire assembly from wind, rain and dust
- Entire right angle gear drive housing can be marine coated for harsh environmental installations

THRUST BEARING

- Oversized and heavy duty, duplex (or triplex) angular contact bearing assembly
- Bearing arrangement engineered for maximum downthrust applications
- Completely lubricated by the worm gear assembly in the oil sump

SHAFT ASSEMBLY

- Hollow shaft assembly for connection to the pump assembly
- Shaft size range from 1-3/16 through 2-15/16 inches

HELICAL GEARS

- Precision machined and lapped helical gear arrangement
- Heat treated for maximum hardness and extended life
- Multiple ratios available:
 Increasing - 1:2, 4:7, 2:3, 3:4, 4:5, 5:6, 10:11, 1:1
 Decreasing - 11:10, 6:5, 5:4, 4:3, 3:2, 5:3, 7:4, 2:1, 9:4

OIL COOLING COIL & PIPING

- Heavy duty oil cooler with multiple loops to cool the entire oil sump
- Piping manifold distributes oil to the horizontal & thrust bearing locations
- Oil gravity feeds back to the sump to be circulated again

OIL LUBRICATION

- Oversized oil sump for superior cooling of all horizontal and vertical roller bearings in the housing assembly
- Worm gear oil pump pumps oil from the sump through tubing to all roller bearing locations
- Large, exterior connections to connect the cooling coil to the pumping assembly
- Marine cooling loop available for sea water applications

COUPLING

- Supplied standard in high tensile ductile iron
- Heavy duty thickness for high horsepower applications
- Shaft size range from 1-3/16 through 2-15/16 inches
- Non-reverse ratchet standard to stop the pump assembly from turning in reverse and damaging components

LIFTING LUGS

- Standard lifting lugs for easy lifting and installation or removal

O-RING CONSTRUCTION

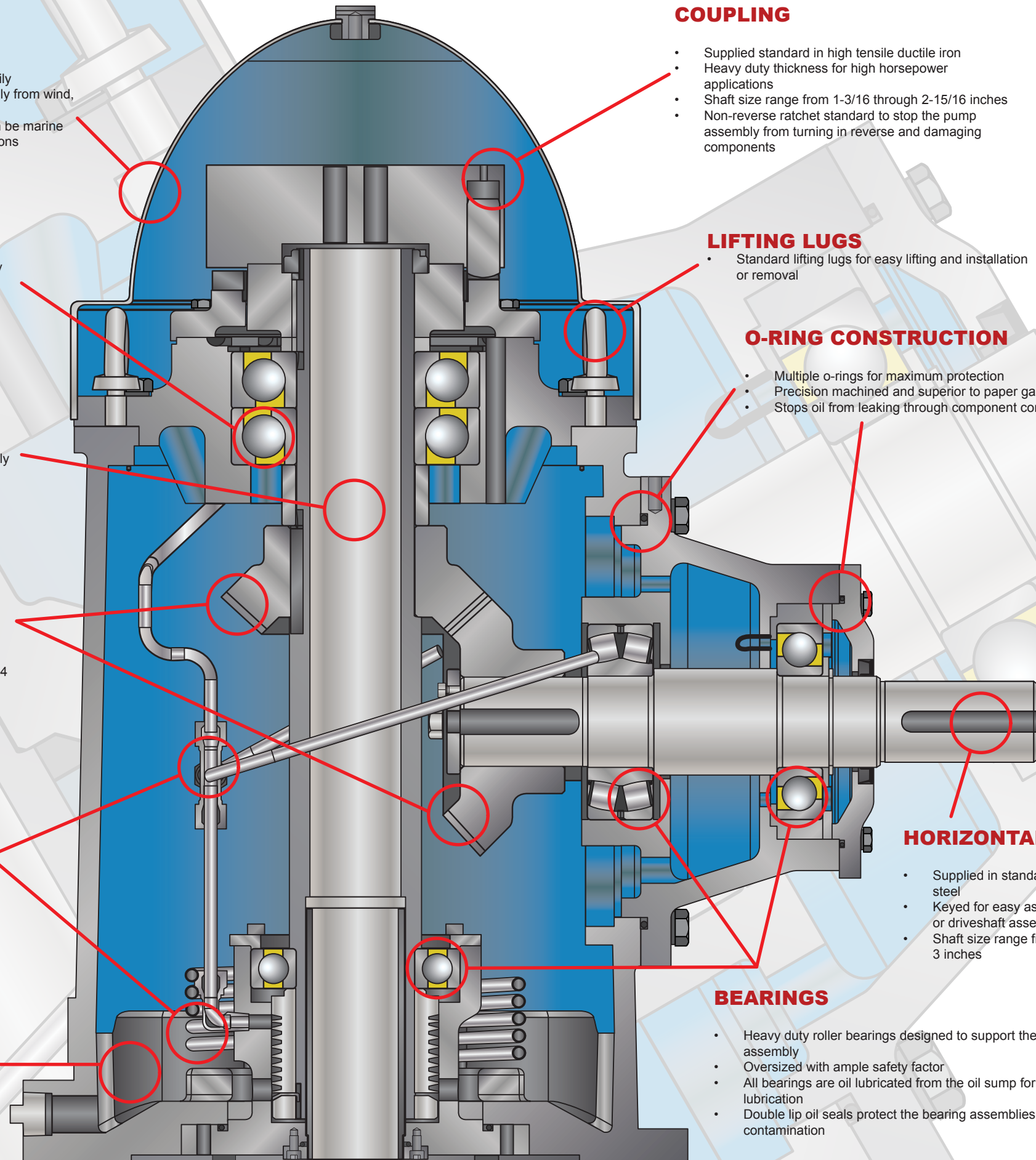
- Multiple o-rings for maximum protection
- Precision machined and superior to paper gaskets
- Stops oil from leaking through component connections

HORIZONTAL SHAFT

- Supplied in standard high chrome steel
- Keyed for easy assembly to coupling or driveshaft assembly
- Shaft size range from 1-7/8 through 3 inches

BEARINGS

- Heavy duty roller bearings designed to support the shaft assembly
- Oversized with ample safety factor
- All bearings are oil lubricated from the oil sump for superior lubrication
- Double lip oil seals protect the bearing assemblies from outside contamination





How It All Began EFFICIENCY BY DESIGN

With years of manufacturing experience, Ameriflo has spent considerable time developing what the customer has asked for. The most diverse hydraulic offering in the end suction markets with an emphasis on pump efficiency and systems integration. Ameriflo manufactures all product type in a wide variety of standard and optional materials offering you the solution you need.

Ameriflo is a global manufacturer of integrated systems with facilities located in several countries and has clients in over 80 countries. The corporate manufacturing headquarters is located in Tennessee, along with a very large testing and training facility for distributor and representative training.

Ameriflo uses computational fluid dynamics (CFD) and 3D Solids Works for designing all pumps and systems with detail for all valves, suction & discharge piping and any installed optional accessories specified by the end user. Electric and Diesel engine driven systems are available and can be ordered in a variety of flows and pressures with full optional metallurgy support.

Product Line

The benefit to the Ameriflo offering is that you only need to go to one place for your product line needs. Whether your need is an end suction pump, a large split case or even a vertical turbine Ameriflo has a model for you. Each product line has a very diverse offering from the very small to the very large and everything in between. Do not rely on other manufacturers who have broken product lines with missing models.

Ameriflo also has state-of-the-art engineered customer service.

www.ameriflo-usa.com



The applications engineering part of Ameriflo have decades of engineering and specification work. This background and experience is critical when the design engineer is looking for answers to questions.

Ameriflo has one of the largest test facilities in North America with nearly 300,000 gallons of water utilizing 8 different test loops from 2 inch through 36 inch. The horizontal and vertical test labs have ratings up through 1,000 HP and include string test stands allowing testing with the job motor or Diesel engine.

Communication Is The Key To Our Success

Ameriflo has systems in place making communication with our clients of the utmost priority. Each client has their own customer portal that will allow them to check on all quotations, sales orders and any client case that is generated. These tools put the power in the hands of the client and allow them access to the most current information. This access empowers our clients to respond to their customers in a more timely fashion and secure that next opportunity!

Ameriflo also has a dedicated

theater used for sales and service training. This theater can house approximately 35 students and is used to cover the Ameriflo pump and Diesel engine product lines. Schools are available to sales people and dedicated service schools are also offered. Service schools feature a hands on portion allowing students to disassemble and re-assemble pumps and/or Diesel engines to allow for certified repairs in the field. Contact Ameriflo to inquire about the next school and how you can join in these events.

Ameriflo also has a state-of-the-art software selection package with full configuration, **Ameriflo IQ**, that can be used by simply signing up. E-mail us for additional information.

If you would like more information about what Ameriflo is all about, please contact us.

What separates Ameriflo from the competition, **WE DELIVER.....**

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9060 RAG Product Line

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