



# 80 SERIES®

*Engine-Driven Flammable  
Liquid-Handling Pumps*



*The Pump People®*



# SHIELD-A-SPARK

## *80 Series® Self-Priming Centrifugal Pumps*

The safest way to handle a hazardous pumping operation is to use a pump that is designed for the job. That's why Shield-A-Spark pumps by Gorman-Rupp feature a spark and splash shielded engine, muffler and fuel cap.

Four Shield-A-Spark models are available in 2" and 3" discharge sizes and are capable of delivering up to 395 gpm and heads up to 140'.

The gasoline engine unit features a

dependable, rugged military or aircraft type spark plug which is radio suppressed and prevents spark gap jumping. A shielded ignition wire provides an enclosed path for high tension spark. The sealed toggle ignition switch is safe and spark free, and the spark-arresting muffler is designed to retard both sparks and flames.

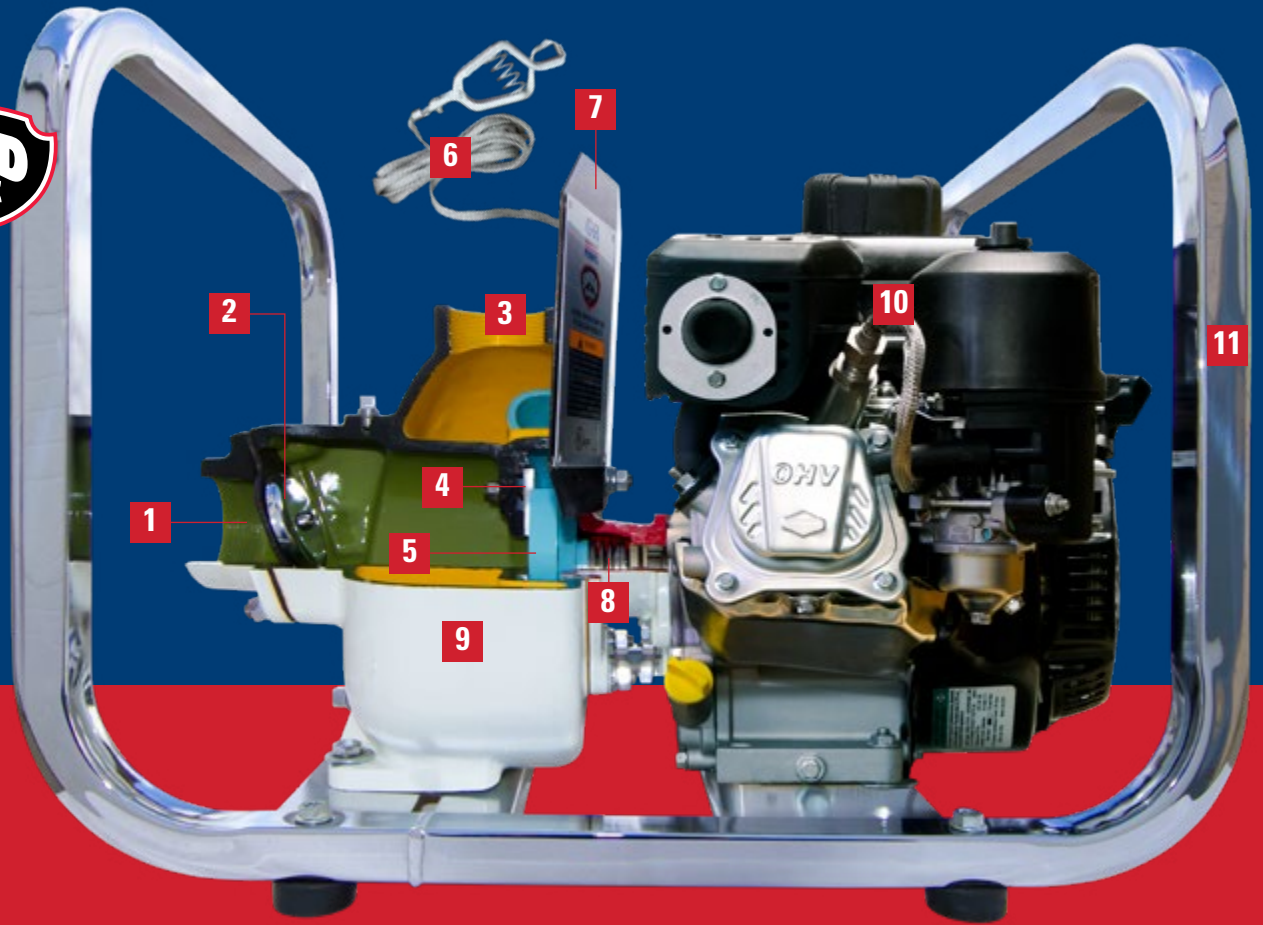
Gasoline and diesel models are available that include non-combustible air filters and long-life valves.



**Shield-A-Spark 80 Series® self-priming centrifugal pumps are available for all of your petroleum, industrial, construction and agricultural flammable fluid-handling needs. All diesel-driven models are equipped with the latest engines that meet Tier IV emission regulations.**

# GORMAN-RUPP 80 SERIES®

Shield-A-Spark Engine-Driven Flammable Liquid Pumps



Model 82D1-XR550-X (cutaway pictured above) is a UL listed product in the United States.

- 01 | Suction Inlet
- 02 | Suction Check Valve
- 03 | Discharge Outlet
- 04 | Replaceable Wearplate
- 05 | High-Efficiency Balanced Impeller
- 06 | Ground Wire Assembly
- 07 | Engine Splash Shield
- 08 | Mechanical Seal
- 09 | Volute
- 10 | Shielded Spark Plug (*Gasoline model only*)
- 11 | Heavy-Duty Roll Cage

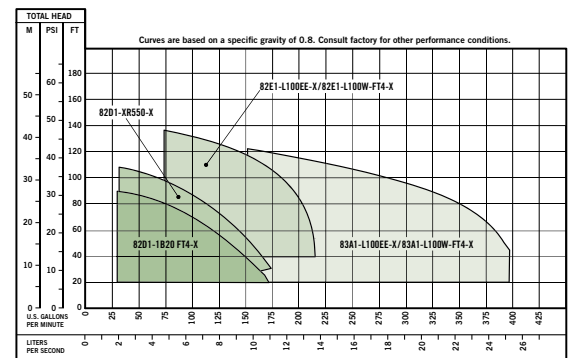
## Specifications

Pump Discharge Size: 2" (50 mm) to 3" (75 mm)  
 Max Capacity: 395 GPM (24.9 lps)  
 Max Head: 140' (42.7 m)  
 Max Solids: 3/4" (19.1 mm)  
 Max Temp: 160° F (71° C)  
 Seal Elastomer: Viton®\*  
 Materials of Construction: Aluminum  
 Engines: Briggs & Stratton Gasoline, Hatz & Yanmar Diesel

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## Pump Performance Data

2" to 3" 80 Series® Shield-A-Spark Models



# FLUID-HANDLING EQUIPMENT DESIGNED WITH YOUR NEEDS IN MIND



★ **Manufacturing Facilities**  
● **Distribution Centers**

**Gorman-Rupp USA**  
Mansfield, Ohio, USA

**Gorman-Rupp Canada**  
St. Thomas, Ontario, Canada

**Gorman-Rupp Europe**  
Culemborg, Netherlands  
Namur, Belgium

**Gorman-Rupp Africa**  
Cape Town, South Africa  
Durban, South Africa  
Johannesburg, South Africa (Headquarters)

**Distribution Centers**  
Dubai, United Arab Emirates  
Grand Prairie, Texas, USA  
Culemborg, Netherlands

Engineering and manufacturing superiority has been the hallmark of Gorman-Rupp since our inception in 1933. Today we bring our products to life in some of the most efficient, modern and state-of-the-art manufacturing facilities in the world. Gorman-Rupp has a selection of nearly 3,000 pump models, and our world-class team of distributors has worked closely with thousands of end users around the world. We have the proven expertise and the resources to specify, manufacture, test and service your pump, and to ensure reliable performance for the long haul.



## GORMAN-RUPP PUMPS

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