



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.

Five 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. Most 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

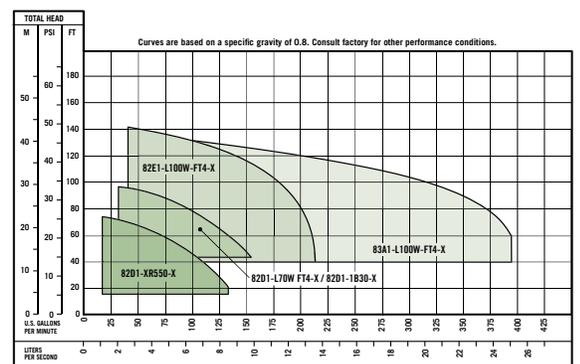
Specifications

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

*Viton® is a registered trademark of DuPont Performance Elastomers. All rights reserved.

Pump Performance Data

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



FLUID-HANDLING EQUIPMENT DESIGNED WITH YOUR NEEDS IN MIND



★ Manufacturing Facilities

● Distribution Center

Gorman-Rupp USA
Mansfield, Ohio, USA

Gorman-Rupp Canada
St. Thomas, Ontario, Canada

Gorman-Rupp Europe
Waardenburg, Netherlands
Namur, Belgium

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

Distribution Center
Grand Prairie, Texas, USA

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

P.O. BOX 1217

MANSFIELD, OHIO 44901-1217 | USA
TEL: 419.755.1011 | FAX: 419.755.1251

GRPUMPS.COM



The Pump People®

Product information is subject to change; consult factory for details. All images are for illustrative purposes only. Actual product may vary from printed representation.
© 2008-2023 The Gorman-Rupp Company. All rights reserved. Printed in the USA