



The Gorman-Rupp Company

SM Series (MSHA Submersible)

Gorman-Rupp's SM Series line features Mine Safety and Health Administration (MSHA) approved submersible pumps for coal and gassy mines. Many models are available with stainless steel fitted parts or all-stainless construction for pumping in severe corrosive/abrasive applications. Standard with NEMA type 10 explosion-proof control box.



Specifications

Size:	2" (50 mm), 3" (75 mm), 4" (100 mm), 6" (150 mm)
Max Capacity:	2,100 GPM (133 lps)
Max Head:	380' (116 m)
Max Solids:	0.5" (13 mm)
Max Temperature:	122 F (50 C)
Materials of Construction:	Aluminum, Cast Iron, Ductile Iron, Stainless Steel
Motor - Voltage:	460 V 3P, 575 V 3P
Motor - Cycles:	60 Hz

Features

Compact Design

Gorman-Rupp SM Series pumps are designed for cramped quarters and hard-to-reach places where other pumps can't go. They're light in weight, which makes handling and installation simple. And these pumps have only two moving parts and three wearing surfaces so maintenance and repairs are minimal.

Dual Seals, Double Protection

Primary seal keeps dirty water in the pump end and prevents contamination of the oil cavity. A second "fail safe" seal provides extra protection against the possibility of damage to the motor. Positive oil lubrication enables the pump to run dry without seal damage.

Abrasive Handling Impeller

Abrasion resistant ductile iron impellers stand up to sand, gravel and other abrasive materials. The fully shrouded impeller back reduces seal pressure and helps prevent foreign material from entering the seal cavity. Seal life is extended and operational life of the pump is increased. Optional impellers of CD4MCu are available for corrosive/abrasive applications.

Specifications are subject to change. Please contact your Gorman-Rupp Distributor for more details.



**The Gorman-Rupp
Company
Mansfield Division**
P.O. Box 1217
Mansfield, Ohio 44901-1217
Tel: 419-755-1011
Fax: 419-755-1251
E-mail:
grsales@gormanrupp.com

**The Gorman-Rupp International
Company**
P.O. Box 1217
Mansfield, Ohio 44901-1217
Tel: 419-755-1011
Fax: 419-755-1266
E-mail: intsales@gormanrupp.com

Gorman-Rupp of Canada, Ltd.
70 Burwell Road
St. Thomas, Ontario N5P 3R7,
Canada
Tel: 519-631-2870
Fax: 519-631-4624
E-mail:
grcanada@grcanada.com



www.GRpumps.com

©1998-2007 The Gorman-Rupp Company. All Rights Reserved.