

80 Series®

80 Series® pumps are designed for non-stop workloads. The straight-in-suction design of these efficient pumps guarantees quick, positive self-priming and allows them to operate at higher suction levels than most other self-priming centrifugal pumps. Liquid enters directly into the impeller eye. A suction check valve presents in-line return flow when the pump is shut off.



Specifications

Size	1-1/4" (30 mm), 1-1/2" (40 mm), 2" (50 mm), 3" (80 mm), 4" (100 mm), 6" (150 mm), 8" (200 mm), 10" (250 mm)
Min Capacity	0 GPM (0 lps)
Max Capacity	2800 GPM (177 lps)
Min Head	5' (2 m)
Max Head	205' (62 m)
Max Solids	2.375" (60 mm)
Max Temperature	160 F(71 C)
Materials of Construction	Cast Iron, Ductile Iron, Stainless Steel

Features

Straight-In Suction Design

Exclusive 80 Series pump design provides higher suction lift, increased efficiency and allows pumps to operate at higher suction lifts than most other self-priming centrifugal pumps.

Multiple Seal Options



80 Series pumps are available with single and double seal options, grease, oil, and self-lubricated designs, depending on pump application. Carbon/ni-resist, carbon/ceramic, sintered bronze/steel, silicon carbide, and tungsten carbide seal faces. Fluorocarbon, Buna, and PTFE elastomers.

High Efficiency Impeller

Multi-vane open impeller is designed for high efficient. Impeller will handle



up to 2 3/8" (60 mm) solids, depending on pump model.

Replaceable Wearplate



Replaceable wearplate provides maximum operating efficiency at all times. No expensive castings to replace. Extra-thick construction for life.

Drive Variations

80 Series pumps are available as basic units for connection to customers' power source or may be flex coupled, close coupled, or V-belt driven by an electric motor. Pumps can also be powered by gasoline or diesel engines.

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



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