



RD & RS Series® (Roto Prime)

Roto Prime® self-priming centrifugal pumps are specifically designed for pumping petroleum products, petrochemicals and solvents. They are available as straight centrifugal pumps or with the exclusive Roto Prime design. This design incorporates a variable capacity vane pump that quickly and automatically evacuates air and vapor, making them ideal for off loading transports and stripping hoses.



Specifications

Size:	2" (50 mm), 3" (75 mm), 4" (100 mm), 5" (125 mm)
Max Capacity:	1,460 GPM (92 lps)
Max Head:	390' (119 m)
Max Solids:	0.5" (13 mm)
Max Temperature:	160 F (71 C)
Materials of Construction:	Cast Steel, Ductile Iron

Features

Automatic, Positive Pumping

Whenever air or vapor is present at the start of the pumping operation - or when there is a loss of suction because of air or vapor during pumping - the priming pump automatically moves air and vapor from the suction line to the discharge line. Once the flowing liquid from the centrifugal portion of the pump builds up sufficient pressure in the discharge system, this pressure backs up through a tube to act on the bottom of the priming pump's moveable slide block, placing it in a neutral position. Under these conditions the priming pump no longer evacuates air, but merely circulates a small amount of liquid.

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



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