DEMING®

brands you trust.

Full-line Product Overview

End Suction Centrifugal Pumps

This general purpose pump can be configured in frame-mounted and close-coupled, semi-open and enclosed impeller configurations. They are available in 44 sizes to meet your design requirements.

Model	3000 Series 4000 Series
Capacities (gpm) to	4,000
Head to	780′
Discharge Sizes	1″-10″

Applications

Industrial Service	Air Conditioning
Booster Service	Recirculation
Chemical Service	Cooling Tower
General Water Supply	Washer Lines
Coolants	Irrigation
Building Service	Pollution Control

Casing
Vertically split with streamlined volute and integral or separate suction cover. Double volute casing on larger pumps reduces radial deflection forces and prolongs pump life under varying or off-peak head conditions.

Impeller
Semi-open or enclosed type are available; semi-open impellers have convenient axial micrometer adjustment. Pumps with enclosed impeller have renewable 316 stainless steel or bronze wear rings.

Extra Large Ball Bearings
Thoroughly protected from dust and moisture to provide long life under severe conditions.

High Strength Shaft & Sleeves
Turned and ground steel shaft with optimum diameter and bearing span to minimize deflection. Shaft sleeves of 316 stainless steel are standard on most models.

Materials of Construction
Bronze fitted and all iron are standard. All bronze, ductile iron and stainless steel are available for specific applications.

Frame
A rugged, one-piece cast iron frame with precision bore assures accurate alignment of the rotating assembly.

Stuffing Box Cover
Heavy, one-piece casting with rabbited flange for positive alignment. Packing is easily accessible with removable split-gland. Mechanical seals are also available.

Interchangeability
The Deming line of single stage end suction centrifugal pumps is engineered to cover the widest possible range of service conditions with a maximum interchangeability of parts and sub-assemblies.