

LANCASTER CENTRIFUGAL - 900B SERIES CLOSE COUPLED END SUCTION PUMPS



The Lancaster Centrifugal Pump 900B series, close-coupled, end suction design offers the advantages of space saving and lower cost due to elimination of the need for a base plate, bearing frame, special coupling and guard. Standard NEMA pump motors are used throughout. Tangential discharge and back pull out design are featured. High tensile cast iron casing, motor adapter and support base for added strength and durability.

APPLICATIONS:

Water Circulation
Booster Service
Liquid Transfer
Refrigeration

General Purpose
Water Supply
Air Conditioning
Filter Systems

Water Fountains
Cooling Machinery
Light Irrigation
Special Requirements (O.E.M.)

PERFORMANCE:

Capacities to 175 G.P.M.
Heads to 160 Feet
Maximum working pressure 125 PSIG

IMPELLER:

Enclosed type, all brass and fully balanced.
Standard units furnished non-overloading for continuous duty.

MOTOR:

Open drip proof (ODP) or totally enclosed (TEFC)
Rotation: clockwise (motor end)
1/3 through 3 HP 56C Frame
5 HP 182TC, 7.5 HP 184TC Frame
60 HZ 3450 RPM
1/3 through 5 HP Single Phase
1/3 through 7-1/2 HP Three Phase

PUMP SHAFT:

Models 902B - 906B feature brass stub shaft, (416 stainless optional). Can be replaced easily. Models 907B - 910B feature 416 stainless steel stub shaft assuring the same out-standing protection against corrosion and pitting.

PUMP CASING:

Volute type can be rotated through four positions to locate discharge for convenient installation. Normal vertical discharge. Tapped openings for suction, discharge, drain plug, and gauge connections.

HYDRO-LOCK:

Models 902B - 906B feature pressure stabilizing hydro-lock at no extra cost. The hydro-lock forms an efficient seal between the suction and discharge of the pump. Ideal for small centrifugal pumps.

SHAFT SEAL:

Carbon/Ceramic faces, BUNA-N elastomer and stainless steel parts, suitable for water to 211° F intermittent duty, 180° F continuous duty. For higher temperatures, Viton elastomer option available - consult factory.



The back-pull-out feature allows the motor, motor adapter, seal, and impeller to be removed without disturbing pipe connections. Maintenance is therefore considerably simplified.



LANCASTER PUMP A DIVISION OF C-B TOOL CO.

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