

Pump Assembly Data

Model 3112 - 1A
Bulletin 3110

DEMING®

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End Suction Pumps

Standard Material of Construction

ITEM NO.	NAME OF PART	BRONZE FITTED	ALL IRON
001	Casing	Cast Iron	Cast Iron
002	Impeller	Bronze	Cast Iron
024	Impeller Nut	303 St. Stl.	303 St. Stl.
053	Base	Steel	Steel
071	Adapter	Cast Iron	Cast Iron
073	Casing Gasket	Velbuna	Velbuna
089	Mechanical Seal	BF1C1	BF171
203	Nameplate	302 St. Stl.	302 St. Stl.
208	Pipe Plug	Steel	Steel
212	Cap Screw	Steel	Steel
214	Drive Screw	Steel	Steel
216	Pipe Plug	Steel	Steel
219	Cap Screw	Steel	Steel

Cast Material Designation

Code	Material and Specification
Cast Iron	Cast Iron A48
Bronze	Bronze B584

Technical Chart

Size		1 x ¾ x 4	1¼ x 1 x 4	1½ x 1¼ x 4	2 x 1½ x 4	1¼ x 1 x 5	1½ x 1¼ x 5
Casing	Suction	1	1¼	1½	2	1¼	1½
	Discharge	¾	1	1¼	1½	1	1¼
	Casing Wall Thickness	¼	¼	¼	¼	¼	¼
	Max. Working Pressure PSI	100					
Impeller	Max. Impeller Diameter	4¼	4¼	4¼	4¼	5	5
	Imp. Eye Area Inches	1.0	1.5	2.1	2.8	1.5	2.1
	Max. Diameter Solids	⁵⁄₃₂	³⁄₁₆	⁹⁄₃₂	¹¹⁄₃₂	³⁄₁₆	¼
	Weight of Pump lbs.	44	44	52	58	51	58

Dimensions in Inches



WARNING:
CANCER AND REPRODUCTIVE HARM -
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