

LO-LIFT PUMPS

Lo-Lift Pumps produces Propeller and Mixed Flow pumps for a variety of applications, including irrigation, flood control, municipal water supply, water treatment plants, aquaculture, sugar mills, and floating dry docks. With a rich history and quality workmanship, our pumps are used the world over.

Package Design

Open lineshaft water lubricated pumps are built with a centrifugal force extractor or packing box to prevent leakage where the shaft exits the pump. The choice is dependent on bowl assembly type and discharge pressure.

Item	Material	Specification
Suction bell stator extra stage tube tension net	Cast iron	ASTMA A-48 class 30
Lineshaft bearing (water lubricated)	Neoprene	
Bowl shaft line shaft gibkey	Stainless steel	ASTM A276 type 416 or equal
Extractor	Aluminum	
Packing box	Cast iron bronze fitted	Alloy No. 836
Tube connector bearing lineshaft bearing (oil lubricated)	Leaded Red Brass	C-1215
Shaft coupling	Steel	
Propeller impeller	Cast bronze	
Bowl assembly bearings	Bronze or neoprene (depending on application)	

FLOW COVERAGE CHART SINGLE STAGE PROPELLER AND MIXED FLOW PUMPS				
PUMP MODEL	RPM	CAPACITY RANGE * (gpm)	MAX TDH (ft)	
			PROPELLER	MIXED FLOW
8	1760	1,000 THRU 2,000	15	33
10	1760	1,400 THRU 2,900	18	45
12	1760	3,000 THRU 4,200	23	65
14	1175	3,500 THRU 8,000	17	45
16	1175	4,500 THRU 10,500	21	60
18	1175	6,600 THRU 13,500	22	55
20	1175	9,000 THRU 15,000	22	--
20	880	5,500 THRU 13,000	15	50
24	880	10,000 THRU 21,000	23	70
30	880	18,000 THRU 25,000	15	70
36	700	21,000 THRU 37,000	20	CF
48	490	37,000 THRU 53,000	23	CF
48	435	33,000 THRU 47,000	19	CF

* CAPACITY RANGE IS FOR THE BOWL ASSEMBLY ONLY.
SOME FLOWS MAY REQUIRE LARGER COLUMN SIZES



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