

P70B Pelton Turbine



P70B Pelton Turbine designed with three nozzles, suitable for medium foam pump drive. It has standard type and seawater type . The standard type is for fresh water with aluminum alloy casing and stainless steel wheel. The seawater type has bronze casing and bronze wheel.

Materials

Item	The Fresh Water Type	The Sea water Type
Casing	Alloy aluminum (ZALSI7MgA)	Bronze (ZCuSn5P ₆ 5Zn5)
Runner	Stainless steel 304 or Stainless steel 316	Bronze (ZCuSn5P ₆ 5Zn5)
Spear	Stainless steel 303	Stainless steel PH17-4
Nozzle	Brass	Bronze

Performance Parameter

Water supply pressure:0.6-1.6MPa (1.2MPa for design pressure)

Maximum Speed:1800rpm

Runaway Speed :4000rpm

Nozzle Diameter: 11.5-16.2mm

Nozzle Number: 3

Output Torque (N.m)

Water Supply Pressure (bar)	10	12	14	
Water Consumption (L/min)	1530	1670	1830	
Speed (RPM)	1000	113	142	169
	1200	106	131	160
	1500	98	128	152
	1800	85	117	140

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Outline Dimensions

