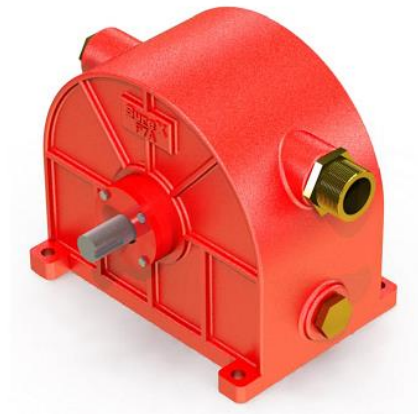


## P70A Pelton Turbine

**SureX**

P70A Pelton Turbine designed with single nozzle, suitable for small and 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 <sub>6</sub> 5Zn5)
Runner	Stainless steel 304 or Stainless steel 316	Bronze (ZCuSn5P <sub>6</sub> 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: 1 or 2

### Output Torque (N.m)

Water Supply Pressure ( bar )	10	12	14	
Water Consumption ( L/min )	1020	1130	1220	
Speed(RPM)	1000	76	95	113
	1200	71	88	108
	1500	66	86	102
	1800	57	78	94

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# P70A Pelton Turbine



## Outline Dimensions

