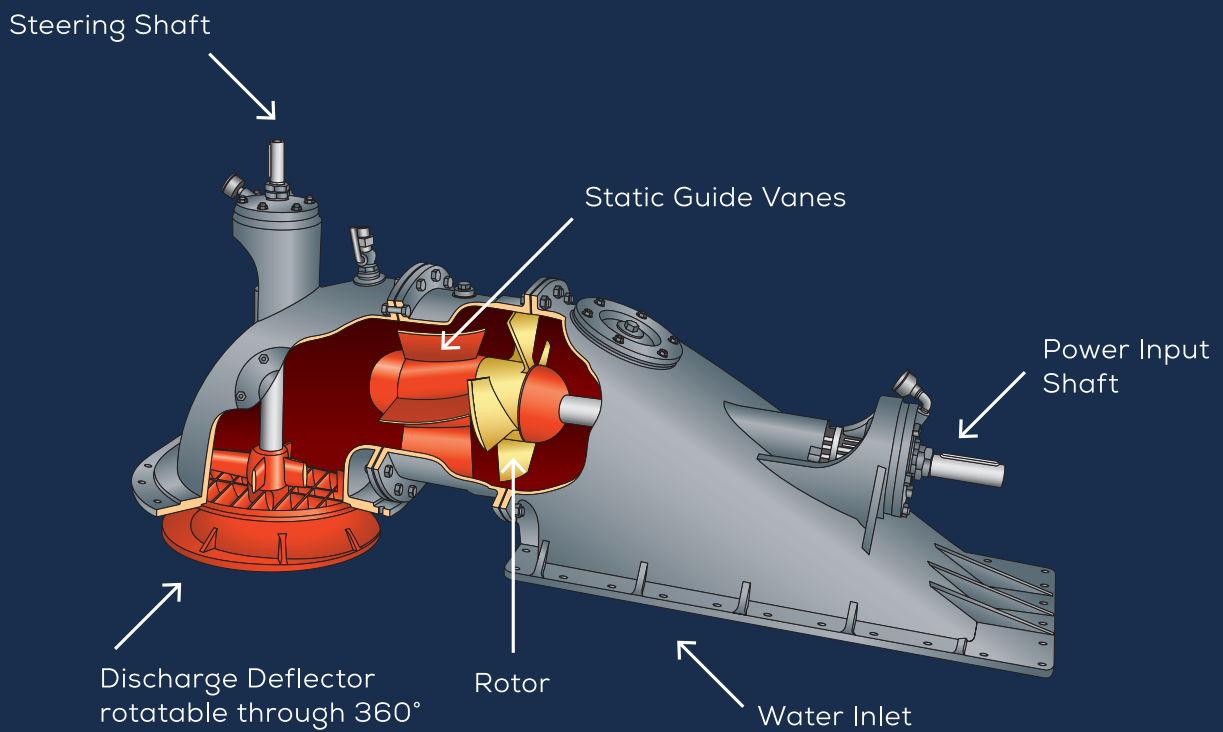


HJP HORIZONTAL SHAFT THRUSTER



A completely self-contained unit, our horizontal shaft unit, HJP, requires no additional seachest, allowing for a simple installation.

Water is drawn into the heart of the unit through the integrated intake grill before then passing through the static guide vanes to smooth out the imparted swirl. It is finally expelled through the unit's deflector. We manufacture the HJP thruster in a range of sizes to suit your requirements. With units available with a static thrust output up to 7 tonnes, our HJP is a great choice for many vessel types.

RSS JAMES CLARK ROSS



Courtesy of British Antarctic Survey. www.antarctica.ac.uk

HJP HORIZONTAL SHAFT UNIT



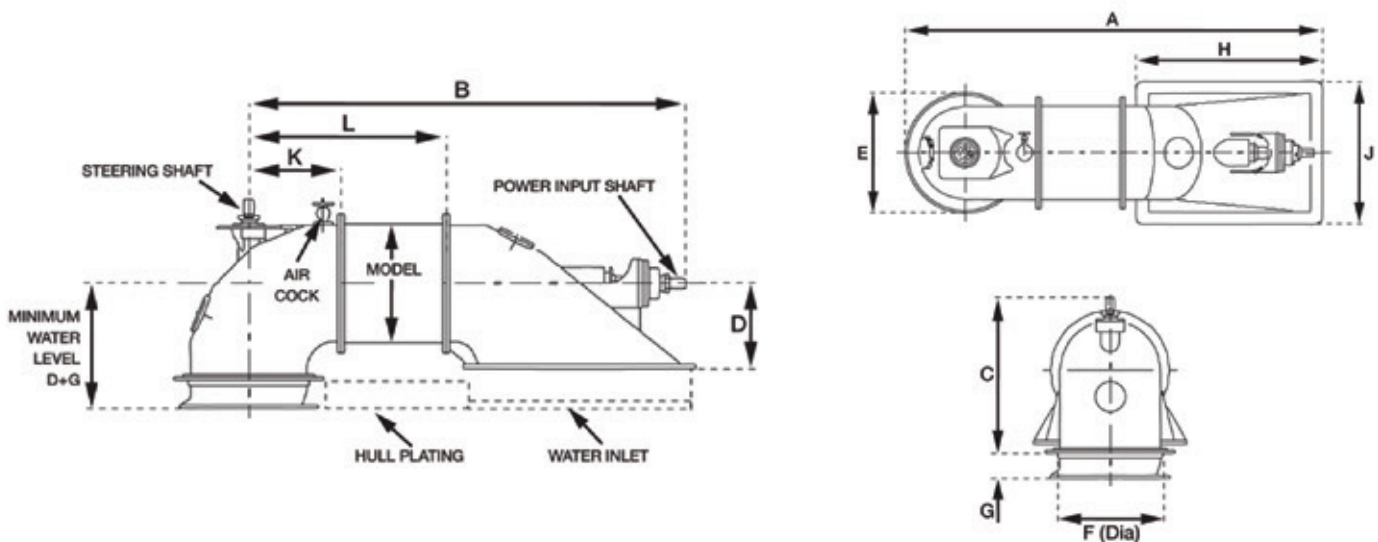
Performance figures stated in the tables are at maximum rating. Thrust figures are effective horizontal thrusts. Selection should be made using our performance curves, for optimum efficiency and service requirements.

Dimensions should not be used for installation purposes without confirmation.

Tables indicate maximum speed, but the r/min can be reduced to match driver speed. The power absorbed by the unit is proportional to the r/min³.

The static thrust obtained from the unit is proportional to the r/min². All rotations given are looking on end of power input shaft.

Operating circumstances and ship design may require alterations or adaptations of the basic design illustrated. Do not hesitate to contact Tees White Gill Thrusters when distinctive conditions, special materials or unique situations are encountered.



BOW / STERN HORIZONTAL SHAFT THRUSTER

Model	r/min	kW (absorbed)	Static Thrust (kg)	Dimensions (millimeters)											Approx Weight (kg)	Rotation
				A	B	C	D	E	F	G	H	J	K	L		
12-I	2,000	42	349	1,651	1,299	587	229	502	356	70	857	410	273	518	258	Both
14-I	1,714	57	481	1,867	1,489	705	267	552	445	89	991	470	292	572	378	Both
16-I	1,500	75	635	2,130	1,632	781	305	662	508	102	1,133	543	330	654	574	Both
20-I	1,200	116	1,003	2,686	2,149	930	381	826	635	127	1,378	660	451	857	1,080	Both
24-I	1,000	165	1,461	3,105	2,477	1,105	457	914	708	140	1,613	775	502	965	1,670	Both
32-I	750	290	2,681	3,632	2,968	1,438	609	1,245	1,016	213	1,600	1,245	660	1,295	3,550	C.W.
40-I	600	448	4,310	4,474	3,594	1,686	775	1,524	1,270	275	2,058	1,524	813	1,320	7,400	C.C.W.
50-I	480	691	6,974	5,715	4,462	2,046	965	1,880	1,588	342	2,665	1,880	1,016	1,931	13,500	C.C.W.

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