

## Power table of Jastram transverse thrusters

Type	Prop Ø mm	Max Input Rpm	Max kW	Max kW Diesel DP*	Thrust approx kN
BU10	620	1.500	70		10 - 12
		1.800	83		11 - 13
BU20	840	1.500	138	116	18 - 21
		1.800	165	140	20 - 24
BU40	990	1.500	217	187	27 - 32
		1.800	260	225	31 - 36
BU50	1.000	1.500	315	315	35 - 41
BU60	1.220	1.500	510	426	55 - 65
		1.800	610	510	62 - 73
BU90	1.600	1.500	583	500*	72 - 85
		1.800	700	600*	81 - 96
BU100	1.940	1.000	750	688*	97 - 114
		1.200	900	825*	109 - 128
BU120	2.270	1.000	835	725*	115 - 135
		1.200	1.000	870*	130 - 153
BU140	2.570	1.000	1.370	1.165*	174 - 205
		1.200	1.650	1.400*	197 - 232

current state: 2008

The following table of Jastram thruster types indicates the maximum speed and power based on a 50Hz / 60Hz power supply and the German Lloyd type approval. 'Max kW' may differ for special applications and requirements of other classification societies.

The given thrust range in kN results from the calculation using the column 'Max kW' and is based on optimised tunnel, inlet cone and fore shapes. The range is influenced by the respective installation design.