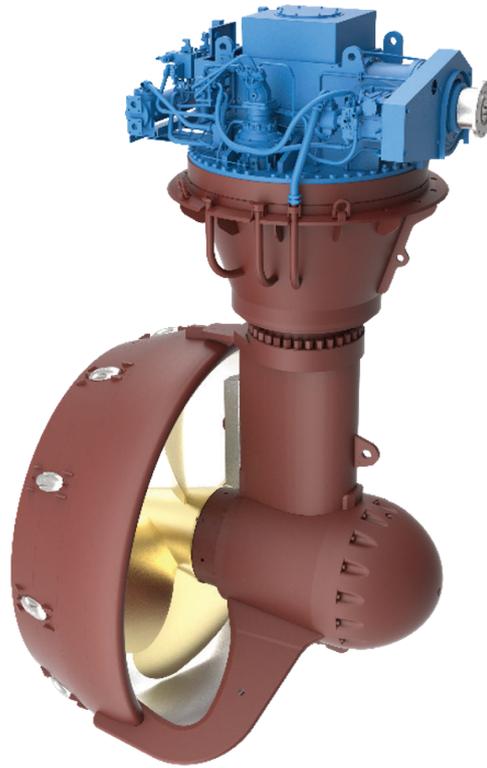


AZIMUTH THRUSTERS, TYPE US



KONGSBERG

KONGSBERG AZIMUTH THRUSTERS

US azimuth thruster family

KONGSBERG US thruster family has set the industry standards for decades being one of our all-time most selling propulsion product. US thrusters have been the obvious choice for ship applications where reliability and performance really matters, which is proven by thousands of vessels equipped with US thrusters in the past. US thrusters are constantly evolving to satisfy the customer needs with tailored solutions and services.

KEY ADVANTAGES ON USING KONGSBERG US THRUSTER

- Flexible modular design, options to choose from
- Superior thrust performance
- Future proof digital features
- Value adding services



MOUNTING

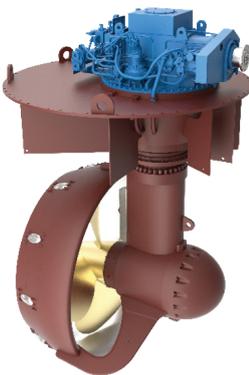
Several different weld-in and bolt-in options:



Weld-in Collar



Weld-in Spider



Bolted BWC (open type)



Bolted BWC (closed type)

Thrusters developed together with our customers

Towing industry is one the main market segments for US thrusters. Many tug owners today are more and more interested in the product life cycle costs than the lowest purchase price. Effective shipyards are searching ways to cut both time and costs from boat building processes. The shipping industry sets new standards for performance to be able to tow larger vessels. We have been listening to our customers from each side and created new features accordingly, many of them being a win-win solution for all parties.

US THRUSTER PORTFOLIO

US THRUSTER TYPE	PROPELLER DIA. DUCTED [MM]	MAX. POWER [KW]	BOLLARD PULL [MTONS] WITH 2 X AZM, MAX POWER
55	1050	350	11
105P6	1300	500	17
105P9	1500	750	24
	1600	750	25
155P12	1600	900	29
	1800	1100	35
155P14	1800	1150	37
	2000	1370	45
165	2200	1471	50
	2400	1340	50
205	2300	1870	60
	2400	2000	65
	2500	2000	67
	2800	2000	70
255	2600	2390	77
	2700	2560	81
	2800	2560	85
	3000	2600	91
35	2800	2790	91
	3000	2900	97
305	3000	3200	104
	3200	3300	111
355	3200	3600	117
	3500	4050	135
	3600	4050	140
60	3800	5500	174
	4000	5500	180

