



KEYPOWER BOW AND STERN THRUSTERS

Keypower keeps you under control.

Keypower has been designing and manufacturing rugged, dependable bow and stern thrusters for almost 40 years. From their origins, deeply rooted in the commercial markets of the Pacific Northwest, Keypower thrusters have been trusted by vessel operators who face the harshest marine environments on a daily basis. As a result of Keypowers' underlying drive to meet the heavy demands of commercial use, Keypower thrusters have quickly become the trusted solution in a variety of markets that include military applications as well as the pleasure and yacht markets where owners have grown to appreciate reliable products that withstand the test of time.

Both electric and hydraulic thruster models are available, ranging from 5hp (8"/20.3cm) to 400hp (40"/101.6cm). Based on hydrodynamic fundamentals, the streamlined shape of the housing coupled with the auger style propeller provides maximum thrust per horsepower while maintaining equal thrust in both directions. Precise control is provided by a proportional thruster control system that can accommodate up to 7 stations onboard.

Keypower thrusters use duplex stainless steel for the main shaft due to its unique combination of properties: high strength, excellent corrosion resistance and superior resistance to galling and seizing. The gear housing contains a matched set of spiral bevel gears that are custom designed to ensure reliability and silent operation. A large, replaceable, sacrificial zinc is used to protect the thrusters from electrolysis.

High quality materials, robust engineering and a commitment to customer service make Keypower thrusters the safe decision for any application.



**Robust
& Reliable**

**High
Quality**

**Commercial
& Pleasure Craft**

**Electric
& Hydraulic**

Key Features

- Auger-style propeller for equal thrust in both directions
- Bronze construction for durability and strength
- Hydrodynamic design for greater power and enhanced propeller efficiency
- Low maintenance adds value over time

Full System Components

- Thruster, including mount & propeller
- Drive motor
- Maintenance Kit
- Load Sensing Piston Pump
- High Pressure Filter
- 4 way / 3 Position Solenoid Valve
- Thruster Control Station
- Aluminum Tank
- Hydraulic Power Unit (HPU)

MODELS

Hydraulic

Model	Horsepower	Prop RPM	Required GPM*	Required PSI*
KP 8	8	1,500	7.5	2,000
KP 10	15	1,500	10	2,500
KP 12	25	1,500	16	2,500
KP 14	36	1,500	26	2,600
KP 16	50	1,500	32	2,600
KP 16 HD	62	1,500	45	2,500
KP 18	75	1,500	54	2,400
KP 22	110	1,200	75	2,500
KP 26	160	1,200	110	2,600
KP 36	300	600	As per application	
KP 40	400	700	As per application	

* NOTE: Values shown are for a typical installation based in North America. Number of gallons and PSI levels may be lower or higher respectively in international markets.

Electric

Model	Horsepower	Prop RPM	Required Voltage	Required Amps
KP 08E	5	1,200	12	320
KP 10E	10	1,200	24	320
KP 12E	14	1,200	24	440

Component	Aluminum Model	Bronze Model
Gear Housing	A356-T6, Anodize=MIL A8625E, ASTM 8147 (8A)	Manganese Bronze
Propeller	ALMAG Anodize=MIL 8625E	Manganese Bronze
Propeller Shaft	17 – 4 PH – H 925	17 – 4 PH – H 925
Fasteners	316 Stainless	316 Stainless

Common Use Scenarios

- Maintaining position
- Docking
- Control in heavy currents
- Manoeuvring in tight spaces

Applicable Vessels

- Passenger Ferries
- OSVs & Supply Vessels
- Pleasure Craft / Yachts
- Military Craft / Coast Guard Vessels