



Vessel Type and LOA	SeaArk Dauntless 34 10.4 m (34 ft)
Engine	2X Yanmar 6LY (diesel)
Power	2X 370 hp @ 3,300 RPM
Transmission	2X ZF280 Ratio 1:1
Ideal Stern Drive	2X Konrad 620 Ratio 1.74:1
Performance	36 kts (41 mph)
Weight	9 metric tons (20,000 lbs)



Vessel Type and LOA	Motomarine 12.5 m (41 ft)
Engine	2X Volvo 435 D6 (diesel)
Power	2X 435 hp @ 3,500 RPM
Transmission	2X BAM 1350 Ratio 1:1
Ideal Stern Drive	2X Konrad 660 Ratio 1.23:1
Performance	53 kts (61 mph)
Weight	6.8 metric tons (15,000 lbs)



Vessel Type and LOA	Scully 11.6 m (38 ft)
Engine	2X Iveco FPT Power Train (diesel)
Power	2X 330 hp @ 3,000 RPM
Transmission	2X BAM 1350 Ratio 1:1
Ideal Stern Drive	2X Konrad 680 Ratio 1.74:1
Performance	28 kts (32 mph)
Weight	14.5 metric tons (32,000 lbs)



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*“When Strength,
Performance, and Reliability
are what you need...”*

600

SERIES PRODUCT LINE



COMMERCIAL-GRADE PROPULSION SYSTEMS

600 SERIES

Konrad Marine's 600 Series product line is taking stern drive technology to a whole new level. The sleek design is engineered for minimal drag, increased efficiency and load carrying capability. The multi-piece housing assembly is designed to make service, overhauls and maintenance quick and efficient by providing easy access to all major internal components.

Larger gears, up to 2 times stronger, provide exceptional durability that can handle higher torque inputs than other stern drives. The 600 Series product line is rated up to 1,200 Nm (885 lb. ft.) of torque and can handle single and dual propeller configurations as large as 51 cm (20 inches) in diameter.

The Konrad 600 Series has three models with several options available, allowing you to customize a stern drive to meet your needs. The 620 package is designed for lighter, single prop applications. For higher speed diesel applications, the 660s will provide outstanding performance and dependability with their twin 41 cm (16 inch) propellers. The 680 can handle heavier applications, designed to carry the loads of large cruisers and work boats.

Konrad's 600 Series stern drives are engineered with Harmonically Tuned Gear Train (HTGT) technology which optimizes the balance of the drives, providing significantly longer life to all components and a smoother running system. It enhances the performance, durability and reliability of your drives by minimizing drive vibrations and improving overall synchronization of internal components. This unique design feature is exclusive to the Konrad 600 Series and so advanced that no other drive in its class offers anything comparable.

PACKAGES & OPTIONS

INCLUDES

- 600 Series Assembly
- Exclusive HTGT Technology
- Gimbal Assembly and Carrier Bearing
- Deflection Plate
- Trim Pump Assembly
- Cavitation Plate
- Inner Transom Plate

OPTIONS

- Propellers
- Trim Control Systems
- Steering Systems (Internal & External)
- Transmissions
- Drive Shafts
- Lifting Brackets
- Spacer Kits



DURABLE

Considered the workhorse of the fleet, the 620 is a dependable, robust drive. By combining Konrad's proven, single 20 inch (51 cm) propeller technology with stronger shafts and gears, the 620 has set a new standard for stern drive durability.

620



FAST

For performance driven applications, such as extreme government patrol or sports leisure boating, the 660 is built to meet your demand for speed. With dual, counter rotating 16 inch (41 cm) propellers, this drive is designed for 7 - 15 meter (21 - 50 foot) vessels with speeds up to 60 knots (70 mph).

660



STRONG

Engineered with the largest, strongest gears in the industry, the 680 gives you efficient carrying capacities up to 7.7 metric tons (17,000 lbs.) per drive. This model operates with extreme efficiency in the 40 knot (46 mph) range and sports dual 20 inch (51 cm) counter rotating propellers.

680



DUTY CLASSIFICATIONS



Recreational Performance

This classification includes private, non-commercial, non-charter, sport/leisure activity craft. Standard Warranty.



Military and Government Service

This classification includes light commercial charter/sport activity craft, patrol and crew boats. Standard Warranty.



Medium Duty Commercial Performance

This classification includes charter and commercial craft. These applications must be approved by the factory.

MAXIMUM OPERATION

Stern Drive	Torque Nm/lb. ft.	Hours/Year	Gross Weight/Horsepower
620	1100 Nm 812 lb. ft.	300	29 kw/kg (40 lbs/hp)
660	1100 Nm 812 lb. ft.	300	22 kw/kg (30 lbs/hp)
680	1200 Nm 885 lb. ft.	300	37 kw/kg (50 lbs/hp)

MAXIMUM OPERATION

Stern Drive	Torque Nm/lb. ft.	Hours/Year	Gross Weight/Horsepower
620	830 Nm 612 lb. ft.	800	29 kw/kg (40 lbs/hp)
660	830 Nm 612 lb. ft.	500	22 kw/kg (30 lbs/hp)
680	904 Nm 667 lb. ft.	1000	37 kw/kg (50 lbs/hp)

MAXIMUM OPERATION

Stern Drive	Torque Nm/lb. ft.	Hours/Year	Gross Weight/Horsepower
620	745 Nm 550 lb. ft.	2000	29 kw/kg (40 lbs/hp)
660	745 Nm 550 lb. ft.	1000	22 kw/kg (30 lbs/hp.)
680	813 Nm 600 lb. ft.	2000	37 kw/kg (50 lbs/hp)

MATERIAL AND MANUFACTURING SPECIFICATIONS

Bearings	Tapered roller bearings, spaced for optimum load carrying capabilities support the shafts
Castings	Manufactured from high strength, heat treated aluminum
Gears	Six inch, high strength, heat treated alloy steel utilizing high performance marine technology
Shafts	Manufactured from high alloy, heat treated steel
U-Joints	Industry leading size for increased load carrying capacity and extended life

INSTALLATION AND OPERATIONAL SPECIFICATIONS

Application	Commercial, Military, and Recreational
Corrosion protection	Multiple anodes, all castings chromated and layered with powder coatings
Engine Type	Diesel or Petrol/Gasoline
Gear Ratios	620: 1.23:1, 1.45:1, 1.55:1, 1.78:1 660: 1.07:1, 1.23:1, 1.31:1, 1.43:1, 1.50:1, 1.74:1 680: 1.24:1, 1.43:1, 1.52:1, 1.74:1
Propeller diameters	16 inch (41 cm) - or - 20 inch (51 cm) depending on drive model
Steering range	56°
Trim/lift system	-6° to 10° (trim) 10° to 46° (lift)
Shifting	Reversing transmission required
Water pick up	None

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www.konradmarine.com

"...Konrad stern drives are what you want."