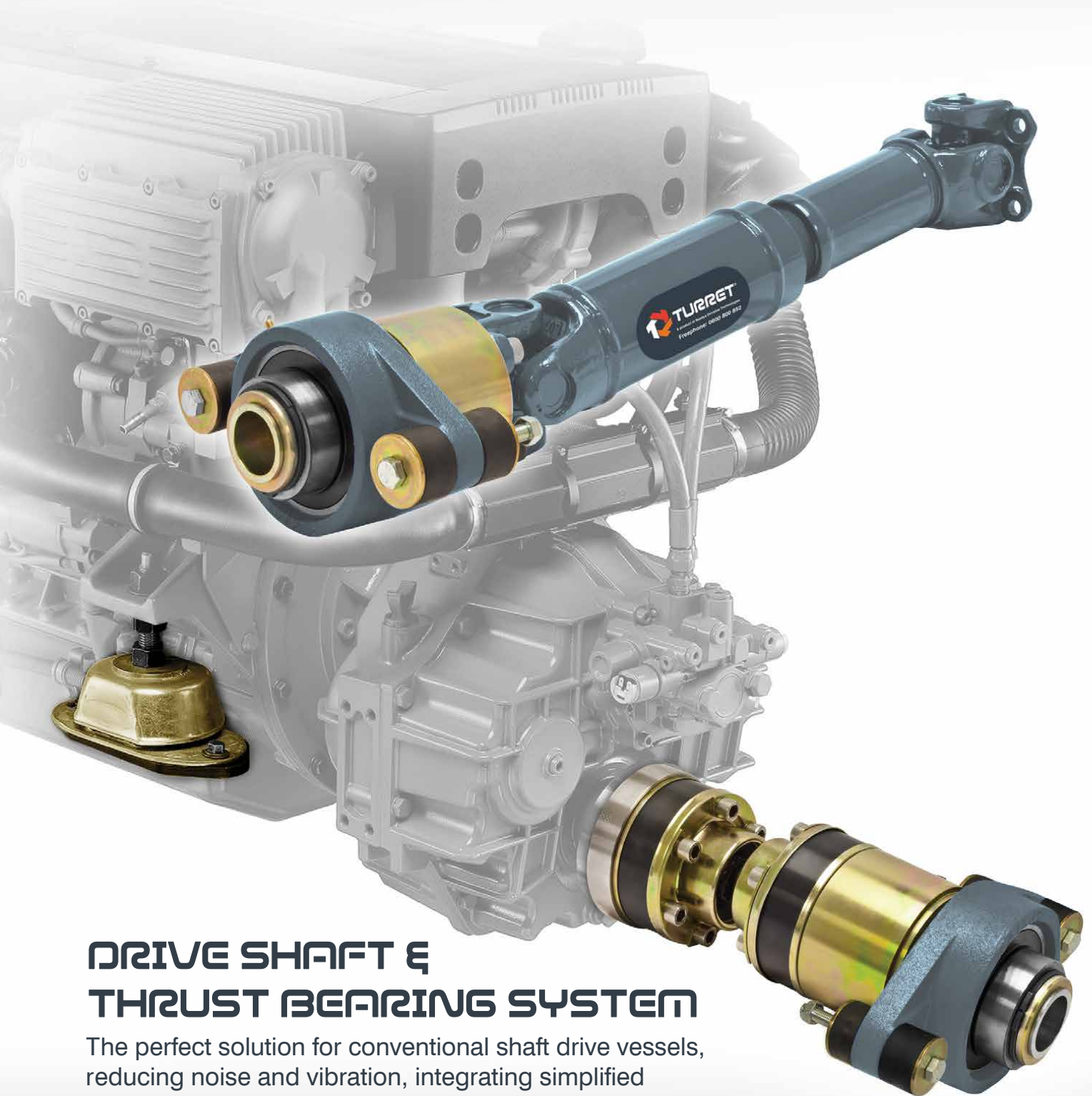


Marine driveline solutions that deliver



DRIVE SHAFT & THRUST BEARING SYSTEM

The perfect solution for conventional shaft drive vessels, reducing noise and vibration, integrating simplified engine installation and shaft alignment.

CARDAN SHAFTS

Engine to remote gearbox and gearbox to thrust bearing

- ⊗ Low noise - smooth operation
- ⊗ Coated splines - fine tolerance, low friction, electrical isolation between flange ends
- ⊗ High torque and angle capacity with compact design
- ⊗ Maintenance free design options
- ⊗ Flanges - machined to suit gearbox



CV SHAFTS

Engine to remote gearbox and gearbox to thrust bearing

- ⊗ Low noise smooth operation
- ⊗ Ability to absorb unequal angles
- ⊗ Maintenance free design
- ⊗ Ball design gives low axial force
- ⊗ Adaptor plates available for most gearboxes

THRUST BEARING

Thrust Capacity from 3kN to 125kN

- ⊗ Simple internal clamp design on thrust bearings up to 2½"
- ⊗ Large thrust bearings have standard flange bolting
- ⊗ Thrust force is absorbed through rubber pads parallel to the propeller shaft
- ⊗ Allows use of softer engine mounts



ENGINE MOUNTS

Weight Capacity from 60kg to 3000kg per mount

- ⊗ Mounts only absorbing torque, not thrust so softer mounts can be used
- ⊗ Captured design; even if rubber should fail, engine is held in place

CUSTOM DESIGN

Drivelines for all applications

- ⊗ Beattys Driveline Technologies has the capacity to design and manufacture custom drivelines to suit high angle, high speed, extra long or super short applications

THRUST BEARING MODEL	THRUST CAPACITY	MAX PROPELLOR SHAFT SIZE
TM105	3kN	1"
TM108	3.6kN	1¼"
TM113	9.5kN	1½"
TM115	12.5kN	2¼"
TM125	18kN	2"
TM130	25kN	2¼"
TM150	38kN	2½"
TM160	55kN	280mm Flange
TM200	125kN	280mm Flange