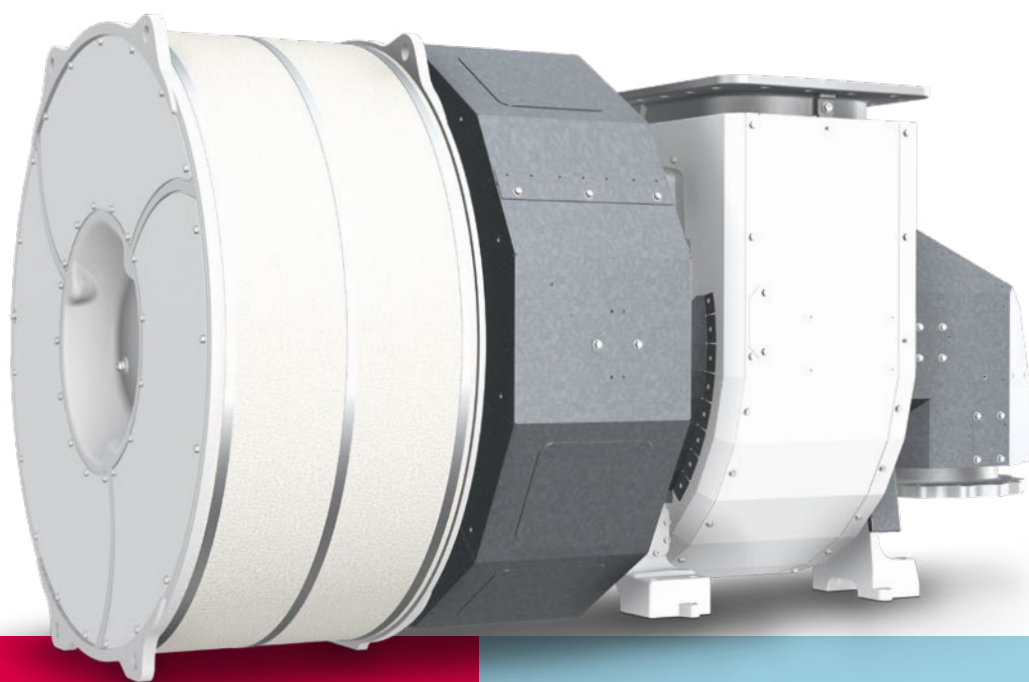


TCT



The new TCT design is optimized for IMO Tier III requirements, suitable for both conventional and dual-fuelled, two- and four-stroke engines in marine and power applications.

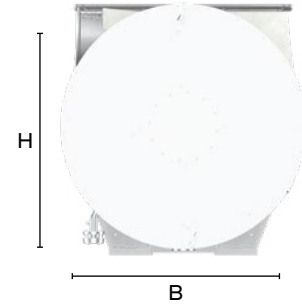
Benefits at a glance

The latest Energy Solutions axial turbocharger generation offers significant down-sizing to meet current market requirements. It offers a smaller, lighter design with a superior charging-efficiency, and a high charging pressure compared to its predecessor and other similar turbochargers available in the market.

Dimensions

Cyl. No.	L (mm)	B (mm)	H (mm)	Weight (kg)
TCT30	2,040	1,125	1,135	1,820
TCT40	2,290	1,260	1,275	2,500
TCT50	2,580	1,420	1,435	3,455
TCT60	2,900	1,595	1,610	4,735
TCT70	3,250	1,790	1,805	6,480
TCT80	3,650	2,010	2,028	8,890

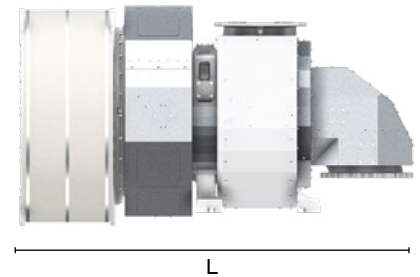
All weights and dimensions are for guidance (project-specific requirements can lead to deviating values).
More information available upon request.



Supercharged Engine Output

Type	kW
TCT30	7,500
TCT40	9,460
TCT50	12,000
TCT60	15,120
TCT70	19,040
TCT80	24,030

Specific air consumption (le) 7.5 kg/kWh



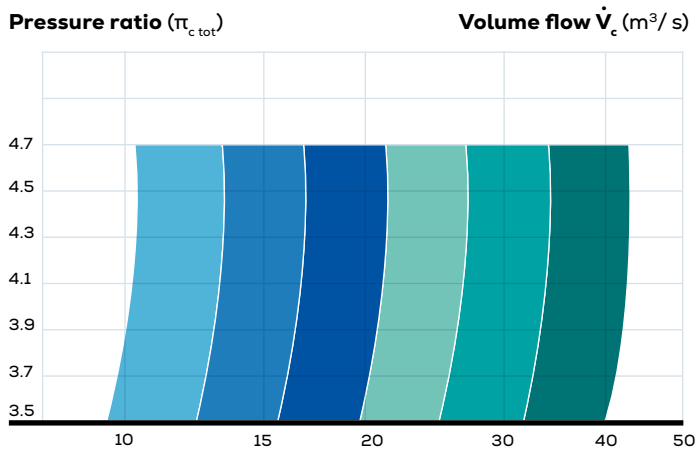
Applications

- Four-stroke
- Two-stroke
- Power generation
- Two-stage turbocharging

TCT turbochargers are high performance solutions, not only aimed at low-speed engines, but also eminently suitable for two-stage turbocharging on two-stroke engines. With the introduction of the TCT, our Ecocharge (two-stage turbocharging) can now achieve efficiency levels of up to 80 %, a marketleading accomplishment.

TCT turbochargers offer the following features:

- Long TBOs
- Maintenance friendly service concept
- Highest efficiency levels
- Compact and light design
- High-performance plain bearings



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