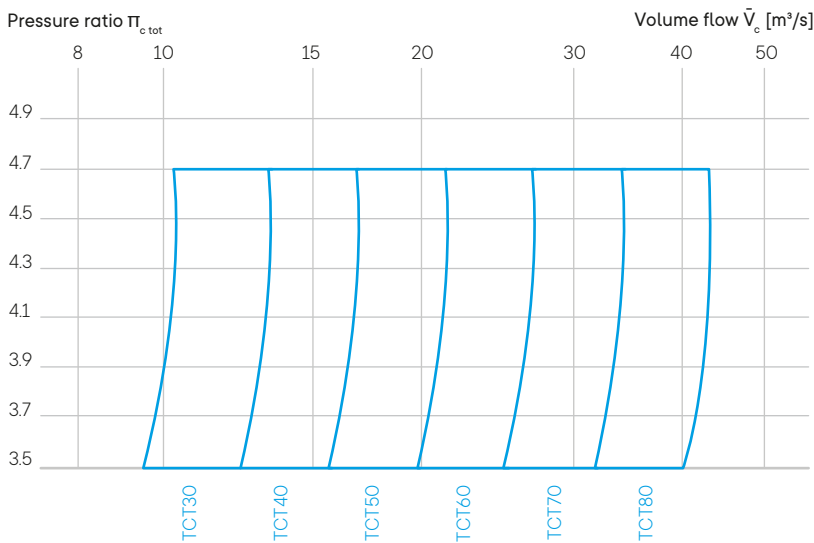


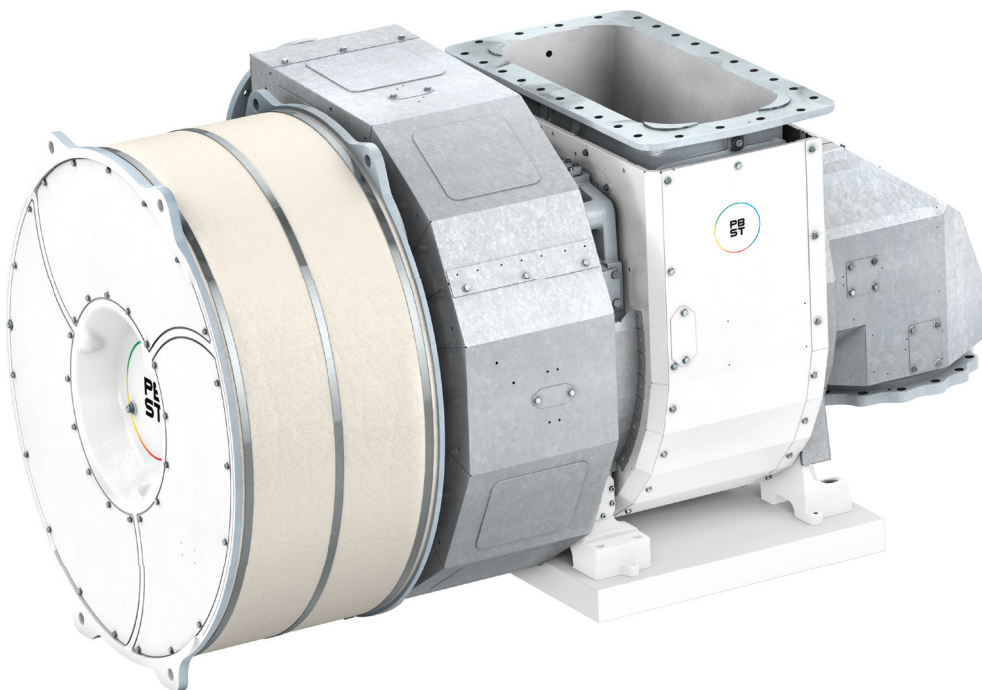
The all new TCT series

Smaller – lighter – superior!



The new TCT design is optimized for IMO Tier III requirements, suitable for both conventional and dual-fuelled, 2- and 4-stroke engines in marine and power applications.

The latest PBST axial turbocharger generation offers significant downsizing 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

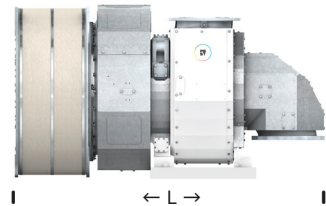
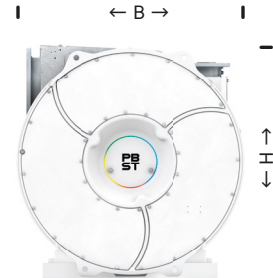
Type	L [mm]	B [mm]	H [mm]	Weight [kg]
TCT30	2,040	1,125	1,135	1,820
TCT40	2,290	1,260	1,275	2,500
TCT50	2,580	1,420	1,435	3,455
TCT60	2,900	1,595	1,610	4,735
TCT70	3,250	1,790	1,805	6,480
TCT80	3,650	2,010	2,028	8,890

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



Customer service

Service-friendliness is key: following our ambition to be a dependable partner for our customers, the TCT offers not only extended service lifetime, but at the same time it is easy to maintain. Even a crew with little technical knowledge can execute maintenance and service. Wear reduction of improved bearings by up to 50% and noise reduction by 10dB are just other significant benefits for operator and owner.

Applications

- 4-stroke
- 2-stroke
- Power generation
- 2-stage turbocharging

TCT turbochargers offer the following features:

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

TCT turbochargers are high performance solutions, not only aimed at low-speed engines, but also eminently suitable for two-stage turbocharging on 2-stroke engines. With the introduction of the TCT, our Ecocharge (two-stage turbocharging) can now achieve efficiency levels of up to 80%, a market-leading accomplishment.