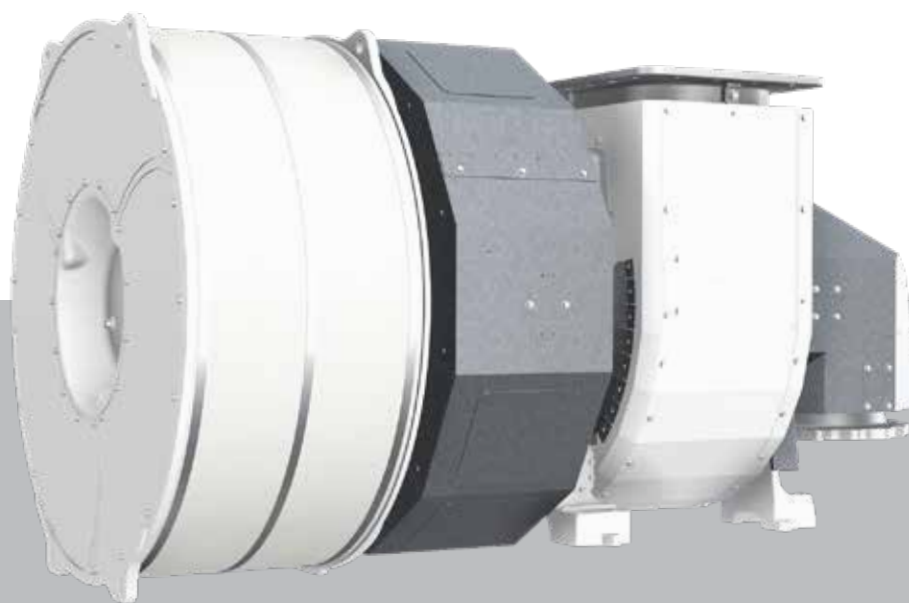


MAN TCT

Turbochargers

The new MAN 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.

The latest MAN 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.



MAN TCT

Turbochargers

Dimensions

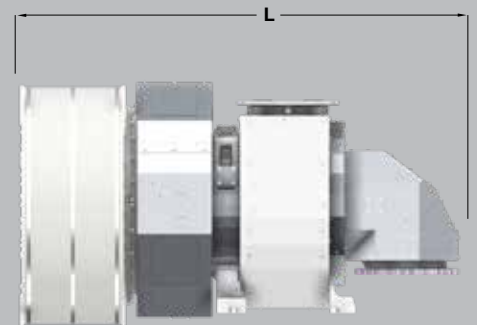
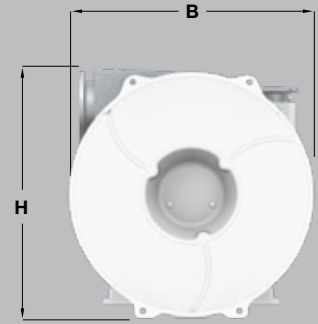
Type	L in mm	B in mm	H in mm	Weight in kg
MAN TCT30	2,040	1,125	1,135	1,820
MAN TCT40	2,290	1,260	1,275	2,500
MAN TCT50	2,580	1,420	1,435	3,455
MAN TCT60	2,900	1,595	1,610	4,735
MAN TCT70	3,250	1,790	1,805	6,480
MAN TCT80	3,650	2,010	2,028	8,890

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

Specific air consumption (Ie) 7.5 kg/kWh



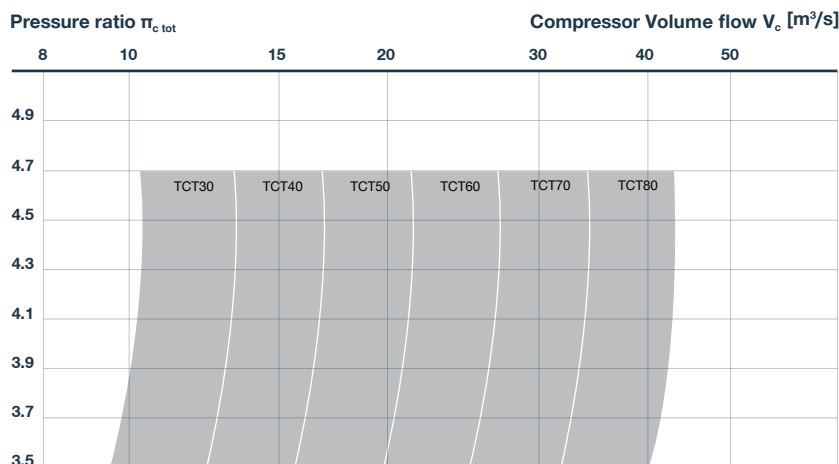
Applications

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

MAN 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 MAN TCT, our MAN Ecocharge (two-stage turbocharging) can now achieve efficiency levels of up to 80%, a marketleading accomplishment.

MAN 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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