

MAN TCT

Turbochargers

MAN TCT turbochargers are suitable for conventional fuel and dual-fuel engines in applications ranging from 6 MW up to 24 MW output per turbocharger.

The latest MAN axial turbocharger generation offers significant downsizing together with easier maintenance and higher charging efficiency.



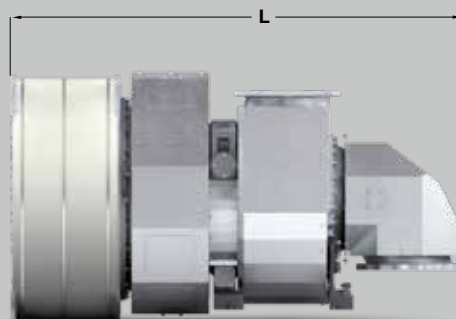
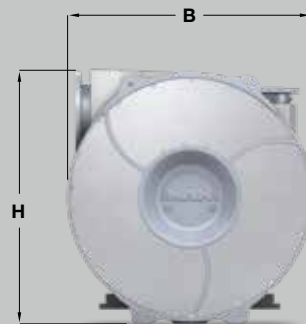
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Dimensions

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

- Marine propulsion
- Power generation

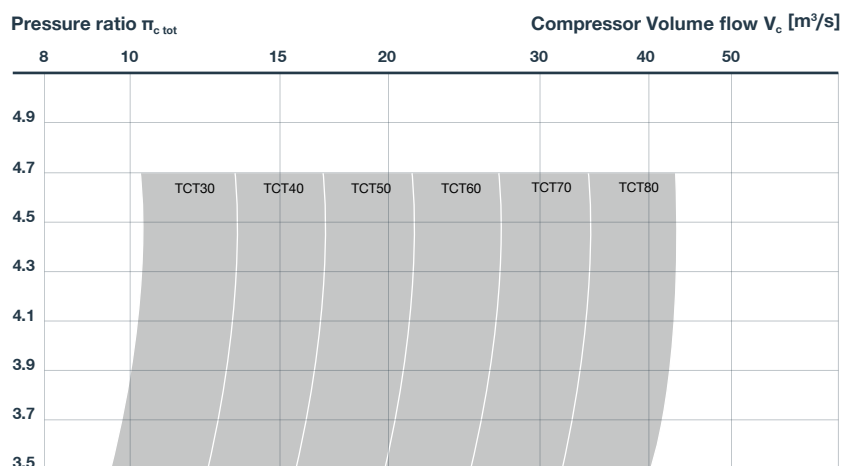
MAN TCT turbochargers are high performance solutions. The combination of new and proven design

features ensures a high charging efficiency, a high specific air flow and a high air pressure.

The TCT design is specifically optimized for IMO Tier III engines.

MAN TCT turbochargers offer the following features:

- Enhanced matching possibilities
- High-performance plain bearings
- Compact and light weighted design
- Improved thermodynamic efficiency
- Owner's crew can perform maintenance
- Design space for optional discharge silencer
- Extended service lifetime and improved maintenance concept



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