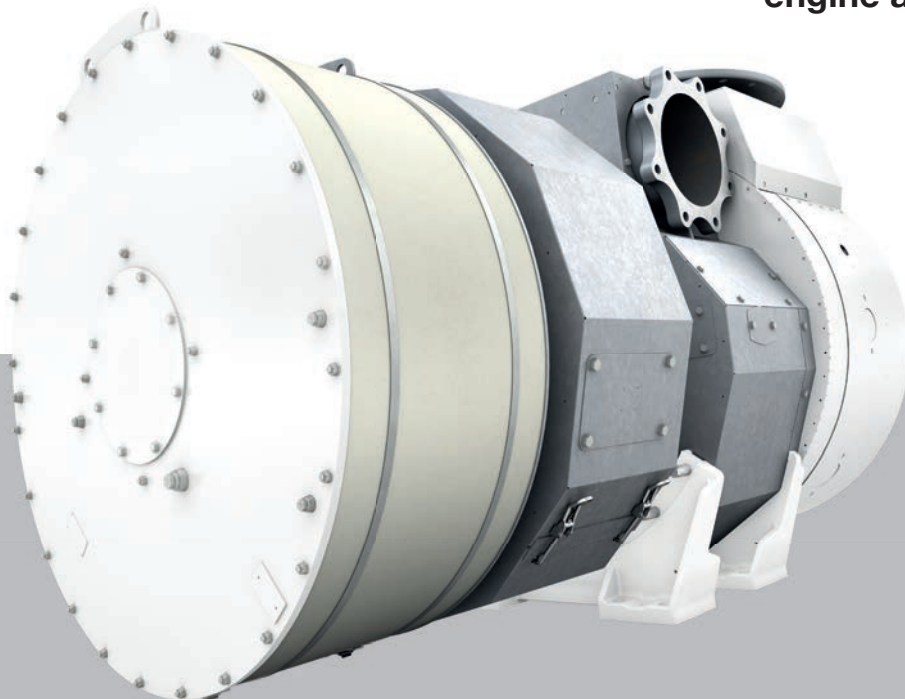


MAN TCR

Turbochargers

MAN TCR turbochargers were created to address the very special challenges faced by HFO, MDO, biofuel and gas engines. Products are available for the entire engine power range, from 350 kW to 7 MW per turbocharger.

MAN TCR turbochargers are IMO Tier III compliant, and represent a robust, versatile modular platform – suitable for a wide variety of high, medium and low speed engine applications.



MAN TCR

Turbochargers

Dimensions

Type	L* in mm	B in mm	H in mm	Weight in kg
MAN TCR10	860	327	410	50
MAN TCR12	889	401	496	80
MAN TCR14	950	534	623	110
MAN TCR16	1,091	590	658	180
MAN TCR18	1,311	730	870	300
MAN TCR20	1,662	852	970	5004
MAN TCR22	1,990	1,068	1,320	1,050

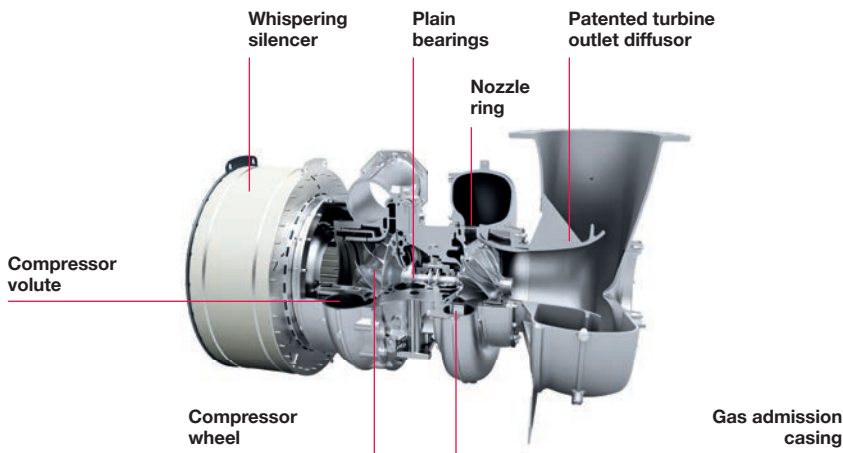
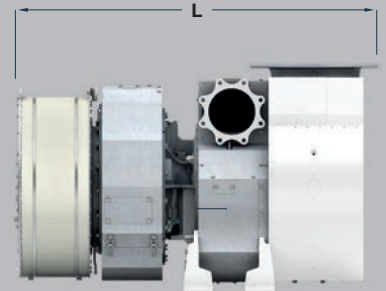
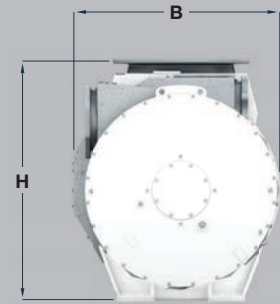
Type	Supercharged engine output		Max. permissible
	Two-stroke [kW]	Four-stroke [kW]	Speed [rpm]
MAN TCR10	-	600	85,000
MAN TCR12	-	880	70,900
MAN TCR14	-	1,300	58,700
MAN TCR16	-	1,850	48,800
MAN TCR18	2,700	2,750	40,300
MAN TCR20	4,000	4,000	33,400
MAN TCR22	7,000	6,850	25,600

Specific air consumption (le) 7.0kg/kWh 6.5kg/kWh

* Length with silencer

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

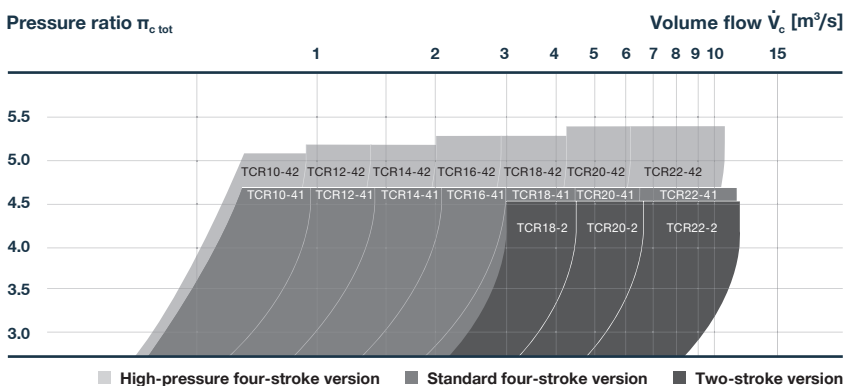
Last updated June 2023



The latest generation of MAN TCR turbochargers offers reduced size and weight while delivering greater efficiency, performance and reliability. Advanced materials ensure extended overhaul intervals, easier maintenance and a longer life.

Applications

- Marine propulsion
- Marine GenSets
- Power generation
- Construction
- Mining
- Off-road vehicles
- Locomotives
- Mechanical drives
- Industrial
- Offshore



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