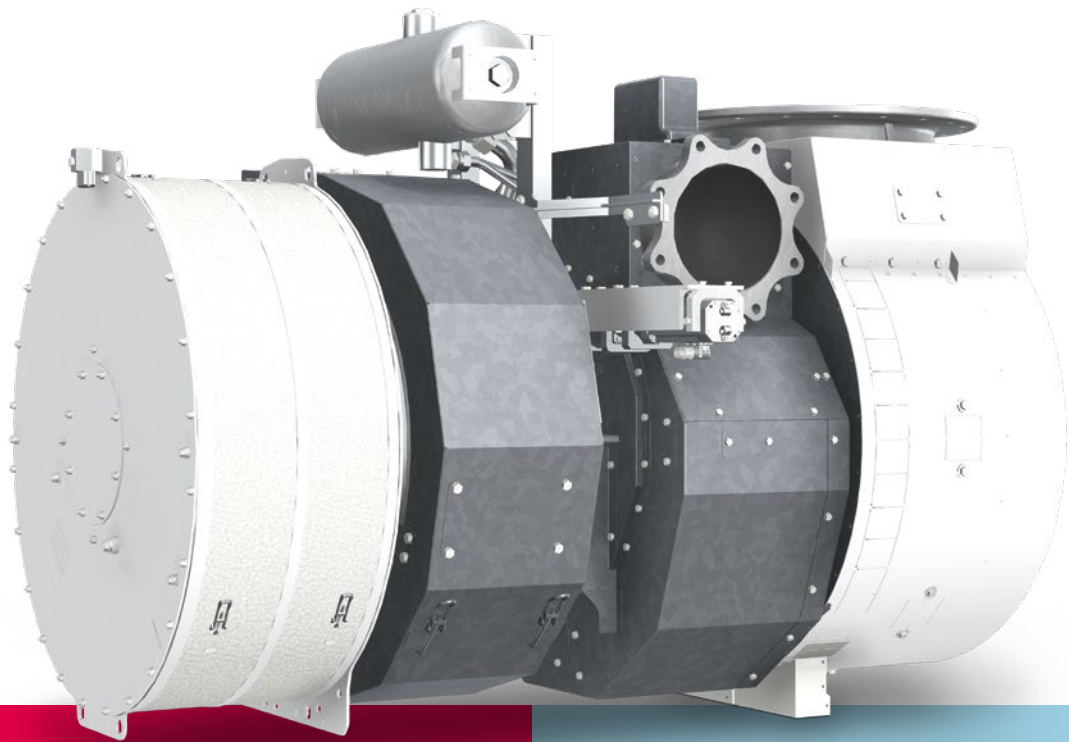


TCR



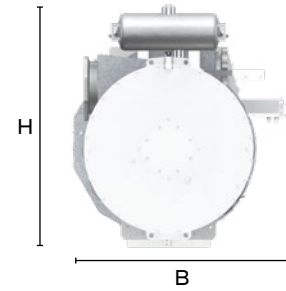
TCR turbochargers were created to address the very special challenges faced by HFO, MDO, biofuel and gas engines. Products are available for the entire engine power range, from 350 kW to 7 MW per turbocharger.

Benefits at a glance

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.

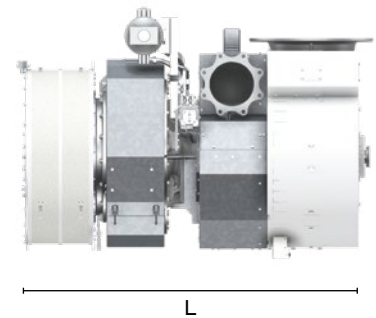
Dimensions

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



Supercharged engine output

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



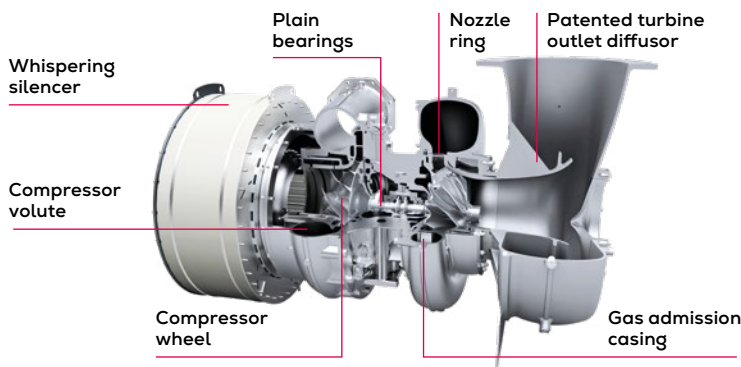
Specific air consumption (le)

7.0 kg / kWh

6.5 kg / 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



General

The latest generation of 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

Contact

Everllence

86224 Augsburg, Germany
 P + 49 821 322-0
 info@everllence.com
 www.everllence.com

Pressure ratio ($\pi_{c\ tot}$)

Volume flow \dot{V}_c (m³/s)

