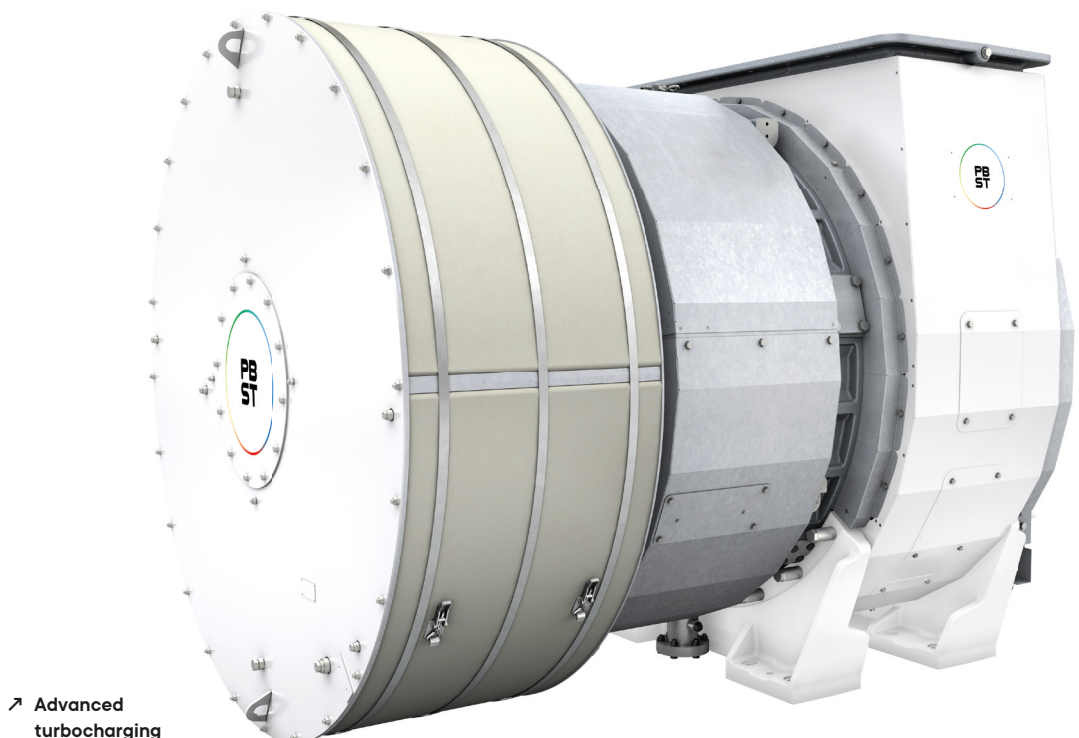
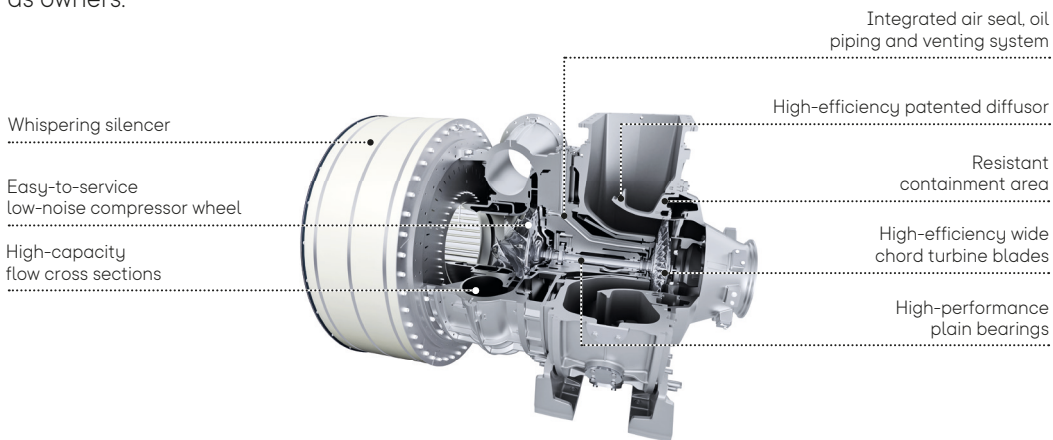


TCA series

Reliable – safe – proven!

TCA turbochargers are suitable for 4-stroke and 2-stroke gas, diesel and dual fuel engines in applications ranging from 3 MW up to 30 MW output per turbocharger.

The TCA's design has been continuously updated since its introduction in 2005. Yet its maintenance and service times continue to be remarkable, ensuring low lifecycle costs for operators as well as owners.



Dimensions

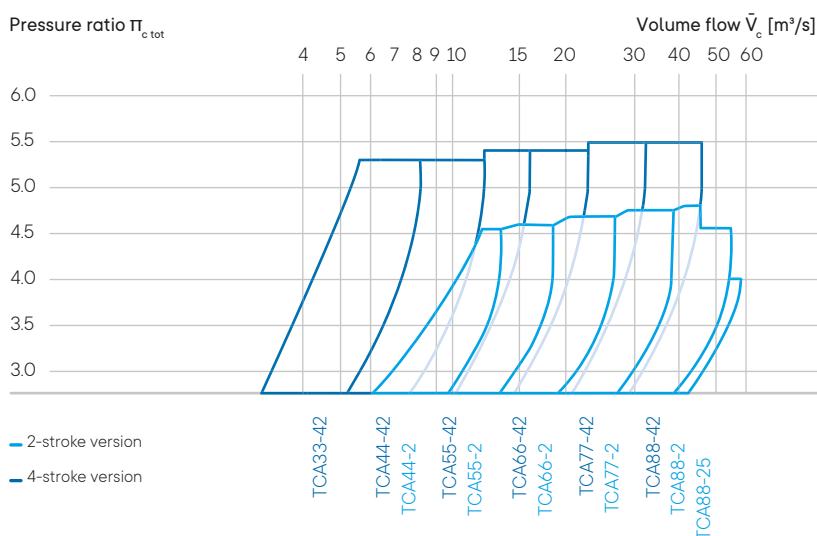
Type	L [mm]	B [mm]	H [mm]	Weight [kg]
TCA33	1,558	802	1,021*	1,372
TCA44	2,194**	1,054	1,614	2,078
TCA55	2,167	1,206	1,825	3,201
TCA66	2,360	1,433	2,094	5,308
TCA77	2,782	1,694	2,371	8,325
TCA88	3,316	2,012	2,734	13,410

* Height without gravitation tank, all other heights including gravitation tank

** Gas admission casing 90°

Type	Supercharged engine output		Max. permissible Speed [rpm]
	2-stroke [kW]	4-stroke [kW]	
TCA33	-	5,400	27,800
TCA44	7,400	7,900	22,500
TCA55	10,200	10,400	20,000
TCA66	14,600	14,800	16,900
TCA77	20,700	21,000	14,200
TCA88	32,400	30,000	12,000
Specific air consumption (le)	7.5 kg/kWh	6.5 kg/kWh	

All weights and dimensions are for guidance (project-specific requirements can lead to deviating values).
More information available upon request. Last updated October 2019



PBST TCA turbochargers are high-performance solutions characterized by ease of maintenance and long overhaul intervals. TCA turbochargers are suitable for all liquid fuels and gases.

Applications

- 4-stroke
- 2-stroke
- Power generation
- Industrial