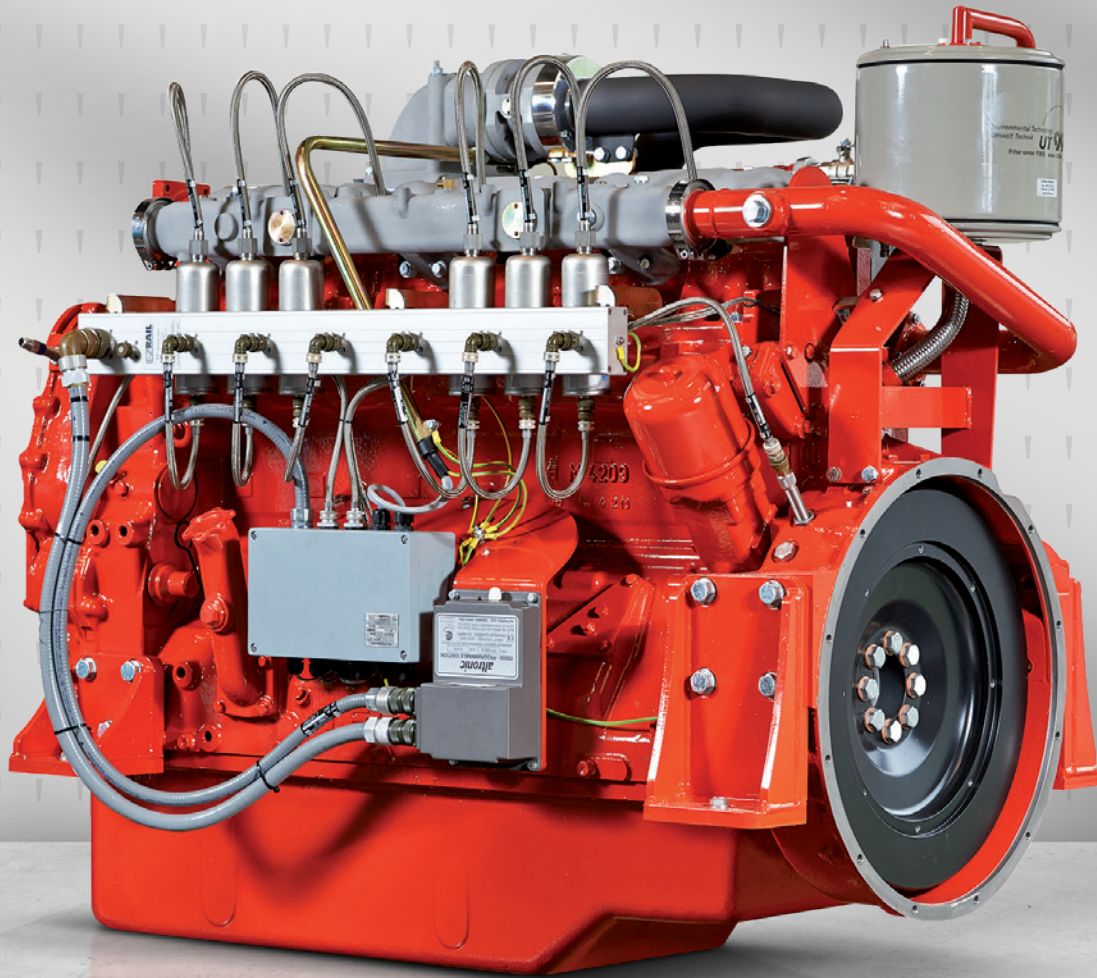


TEDOM



Engines for Gas Compression

TEDOM engines for gas compression

TEDOM variable speed gas engines are suitable for various mechanical drive application in oil&gas industry. Engines have low surface temperatures, pneumatic starting system, spark safe electrical accessories and other optional safety features.

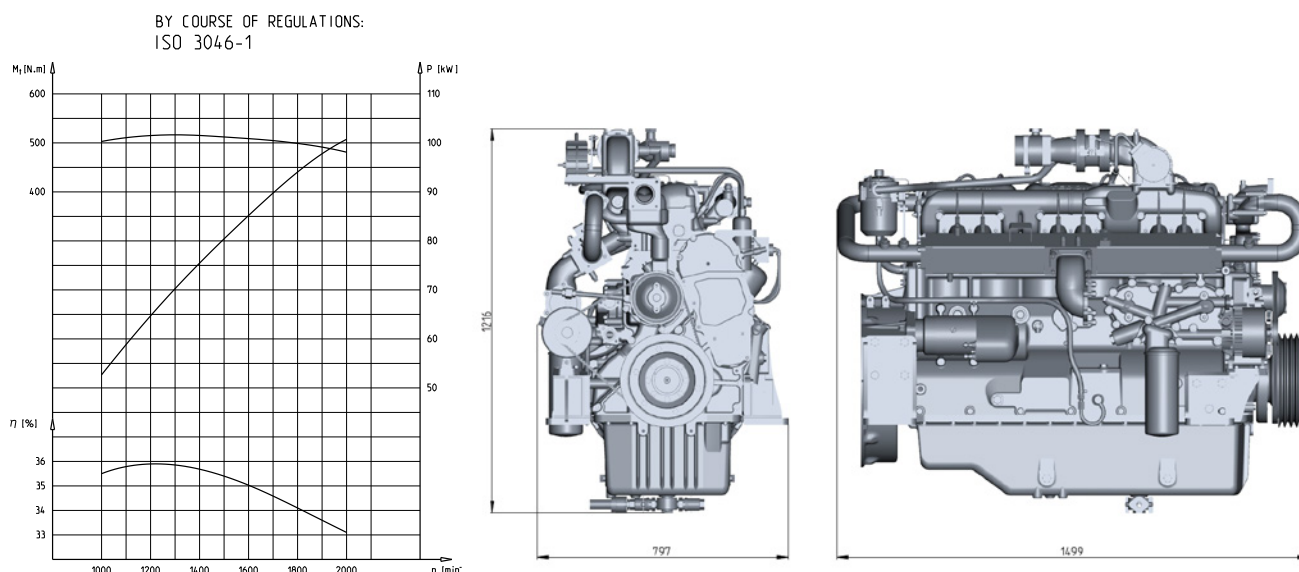
Advantages of TEDOM engines for gas compression

- ▬ simple and robust engine design with increased sulphur resistance
- ▬ long service intervals and easy maintenance
- ▬ economic operation due to fair spare parts pricing
- ▬ over 30 year tradition in gas applications
- ▬ 24 months warranty without limit of operating hours

Engine model	Mech. power output kW	Min. speed rpm	Max. speed rpm	Emissions		Displacement dm ³	Compression ratio	Concept	Configuration
				CO mg/Nm ³	NO _x mg/Nm ³				
TG 100 DV NX 86	100	1200	1800	650	500	11,94	9,5:1	Lean burn	Naturally aspirated

TG 100 DV NX 86

Performance characteristic and dimensions



Standard scope of supply

- └ engine driven coolant pump and thermostatic chamber
- └ water-cooled exhaust manifold and turbocharger*
- └ pneumatic starter
- └ shielded ignition system
- └ shielded speed governor
- └ mechanical AFR control system
- └ ports for jacket water preheating system connection
- └ oil pan with ports for automatic oil level control and oil preheating system connection
- └ centrifugal oil filter in by-pass
- └ full-flow replaceable oil filter

*...if applicable

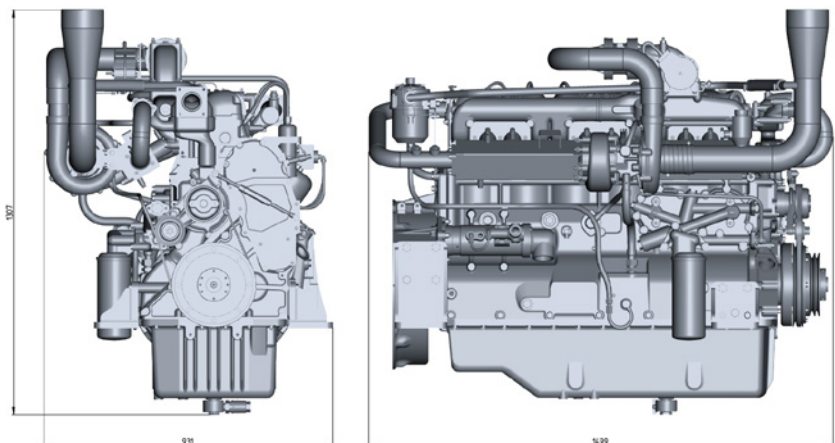
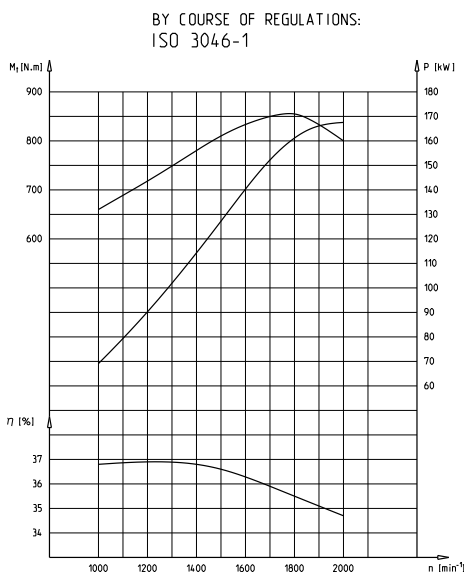
Options

- └ shielded automatic AFR control system
- └ shielded charging alternator
- └ intake manifold spark arrestor
- └ exhaust gas muffler with spark arrestor
- └ additional engine driven coolant circulation pump
- └ thermocouples for single cylinder temperature measurement
- └ electric starter 24 V, 6,6 kW
- └ two independent starters
- └ filter-box with air filter
- └ complete gas train
- └ non-shielded ignition system
- └ non-shielded speed governor
- └ without coolant pump and thermostatic chamber

Engine model	Mech. power output kW	Min. speed rpm	Max. speed rpm	Emissions		Displacement dm ³	Compression ratio	Concept	Configuration
				CO mg/Nm ³	NO _x mg/Nm ³				
TG 170 DV TX 86	170	1200	1800	650	500	11,94	9,5:1	Lean burn	Turbocharged without IC

TG 170 DV TX 86

Performance characteristic and dimensions



Application examples

