

E3262

Description of Engines

Characteristics E3262 E

- Cylinders and arrangement: 12 cylinders in 90° V arrangement
- Mode of operation: four-stroke spark-ignition gas engine
- Engine cooling: water-cooled
- Exhaust system: water-cooled exhaust pipes

Characteristics E3262 LE

- Cylinders and arrangement: 12 cylinders in 90° V arrangement
- Mode of operation: four-stroke spark-ignition gas engine
- Turbocharging: turbo charger with water-cooled turbine housing and pressure-oil lubricated bearings
- Engine cooling: water-cooled
- Air-fuel mixture cooling: two-stage cooler

E3262

Technical Data



Technical features E3262

Mode of operation		COP with natural gas					COP with special gas			
		1 500 (50)		1 800 (60)			1 500 (50)		1 800 (60)	
at engine speed rpm (Hz)		1 500 (50)		1 800 (60)			1 500 (50)		1 800 (60)	
Engine version		E 302 ⁴⁾	LE 202	LE 202	E 302 ⁴⁾	LE 202	LE 202	LE 212 ⁴⁾	LE 202 ⁴⁾	LE 212 ⁴⁾
Bore	mm	132	132	132	132	132	132	132	132	132
Stroke	mm	157	157	157	157	157	157	157	157	157
Displacement	l	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
ISO standard power ⁵⁾	kW	275	550	550	300	580	550	550	580	580
Air-fuel ratio	λ	1.00	1.68	1.68	1.00	1.70	1.55	1.60	1.52	1.56
Coolant heat ¹⁾	kW	218	358	336	239	392	339	321	397	384
Exhaust heat based on 120 °C ¹⁾	kW	157	329	312	187	339	315	302	375	347
Efficiency ¹⁾										
– mechanical ⁵⁾	%	39.6	40.3	41.7	38.7	40.0	41.8	42.1	38.9	40.1
– thermal	%	54.0	50.2	48.3	54.9	49.9	48.1	46.9	51.6	49.8
– total	%	93.6	90.5	90.0	93.6	89.9	89.9	89.0	90.4	89.8
Emissions status NO _x ²⁾ mg/Nm ³		< 7 000	< 250	< 500	< 7 000	< 500	< 500	< 500	< 500	< 500
Combustion ³⁾		st	m	m	st	m	m	m	m	m

1) at 100 % load

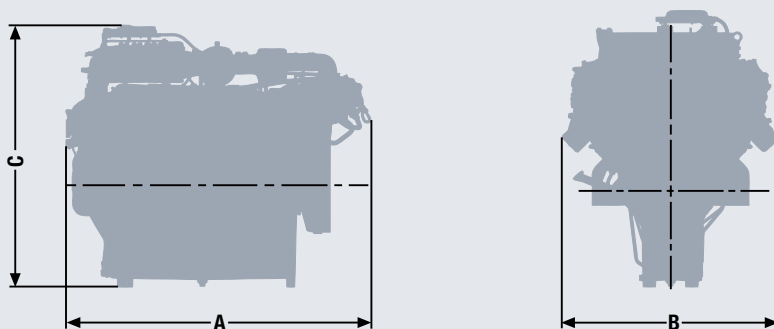
2) with 5 % exhaust-gas oxygen

3) m = lean, st = stoichiometric

4) Data conditional and on request

5) in accordance with German Industrial Standard DIN ISO 3046, Part 1

Technical data is based on a calorific fuel value of 10 kWh/Nm³ for natural gas and 6 kWh/Nm³ for special gas. The values are provided for information purposes only and are non-binding.



Dimensions E3262

Type designation		E 302	LE 202/LE 212
A-Overall length	mm	1 743	1 748
B-Overall width	mm	1 245	1 243
C-Overall height	mm	1 494	1 500
Dry weight	kg	1 763	1 849

All data are reference values. Please request installation drawings for detailed specifications.