

# E3268



## Characteristics

- Cylinders and arrangement: 8 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

## Technical features

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		LE 212	LE 212 <sup>4)</sup>	LE 222 <sup>4)</sup>	LE 222	LE 232 <sup>4)</sup>	LE 222 <sup>4)</sup>
Bore	mm	132	132	132	132	132	132
Stroke	mm	157	157	157	157	157	157
Displacement	l	17.2	17.2	17.2	17.2	17.2	17.2
ISO standard power <sup>5)</sup>	kW	370	390	370	370	370	390
Air-fuel ratio	$\lambda$	1.69	1.69	1.49	1.52	1.46	1.51
Coolant heat <sup>1)</sup>	kW	225	229	239	214	229	223
Exhaust heat based on 120 °C <sup>1)</sup>	kW	201	233	224	198	223	235
Efficiency <sup>1)</sup>							
– mechanical <sup>5)</sup>	%	42.6	40.0	39.7	42.1	40.1	40.8
– thermal	%	47.2	47.7	49.5	46.9	48.9	47.9
– total	%	89.9	87.7	89.2	89.0	89.0	88.7
Emissions status NO <sub>x</sub> <sup>2)</sup>	mg/Nm <sup>3</sup>	< 500 < 100 <sup>4)6)</sup>	< 500 < 100 <sup>4)6)</sup>	< 250	< 500	< 500	< 500
Combustion <sup>3)</sup>		m	m	m	m	m	m

1) at 100 % load

2) with 5 % exhaust-gas oxygen

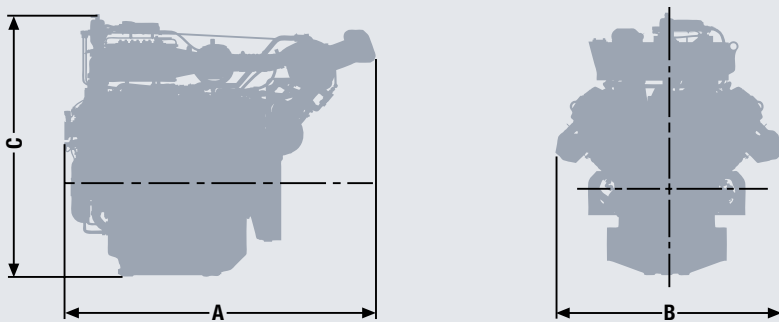
3) m = lean, st = stoichiometric

4) data conditional and on request

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

6) emission status available on request, including SCR technology

Technical data is based on a calorific fuel value of 10 kWh/Nm<sup>3</sup> for natural gas and 6 kWh/Nm<sup>3</sup> for special gas. The values are provided for information purposes only and are non-binding.



## Dimensions

Type designation	LE 212/LE 222/LE224/LE232	
A-Overall length	mm	1 620
B-Overall width	mm	1 210
C-Overall height	mm	1 422
Dry weight	kg	1 497

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