

# D2876

## Description of engines

### Characteristics

- Cylinders and arrangement: 6 cylinders in-line
- Mode of operation: Four-stroke diesel engine with direct fuel injection
- Turbocharging: Turbo charger with charge air cooling
- Engine cooling: Water circulation by means of attached rotary pump and front end combination radiator
- Injection: Bosch inline injection pump with electromagnetic actuator
- Engine control: Various types of GAC control unit available on request

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## Technical data

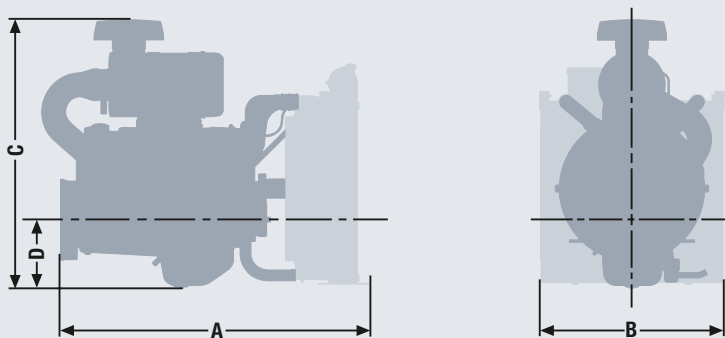
### Technical features D2876

Mode of operation		ESP		LTP		PRP		COP	
at engine speed	rpm (Hz)	1 500 (50)	1 800 (60)	1 500 (50)	1 800 (60)	1 500 (50)	1 800 (60)	1 500 (50)	1 800 (60)
Engine version		LE 203	LE 203	LE 201	LE 201	LE 201	LE 201	LE 201	LE 201
Bore	mm	128	128	128	128	128	128	128	128
Stroke	mm	166	166	166	166	166	166	166	166
Displacement	l	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
blocked ISO effective power <sup>1)</sup>	kW	451	507	391	446	–	–	–	–
Torque	Nm	2 871	2 690	2 486	2 363	–	–	–	–
ISO standard power <sup>2) 3)</sup>	kW	–	–	–	–	355	405	220	265
Torque	Nm	–	–	–	–	2 260	2 146	1 401	1 406
Net engine power output	kVA	510	570	440	500	400	450	240	280

1) Time-limited continuous output that must not be exceeded (IFN).

2) Variable continuous output during PRP operation, can be exceeded by 10 % for limited period (ICXN).

3) Variable continuous output during COP operation, can be exceeded by 10 % (ICXN).



### Dimensions D2876

Type designation		LE 203/LE 201
A-Length with fan-cooled radiator	mm	2 046
B-Width with fan-cooled radiator	mm	1 230
C-Height with fan-cooled radiator	mm	1 754
D-Height of lower edge of engine to middle of crankshaft	mm	454
Dry weight with cooling system	kg	1 180