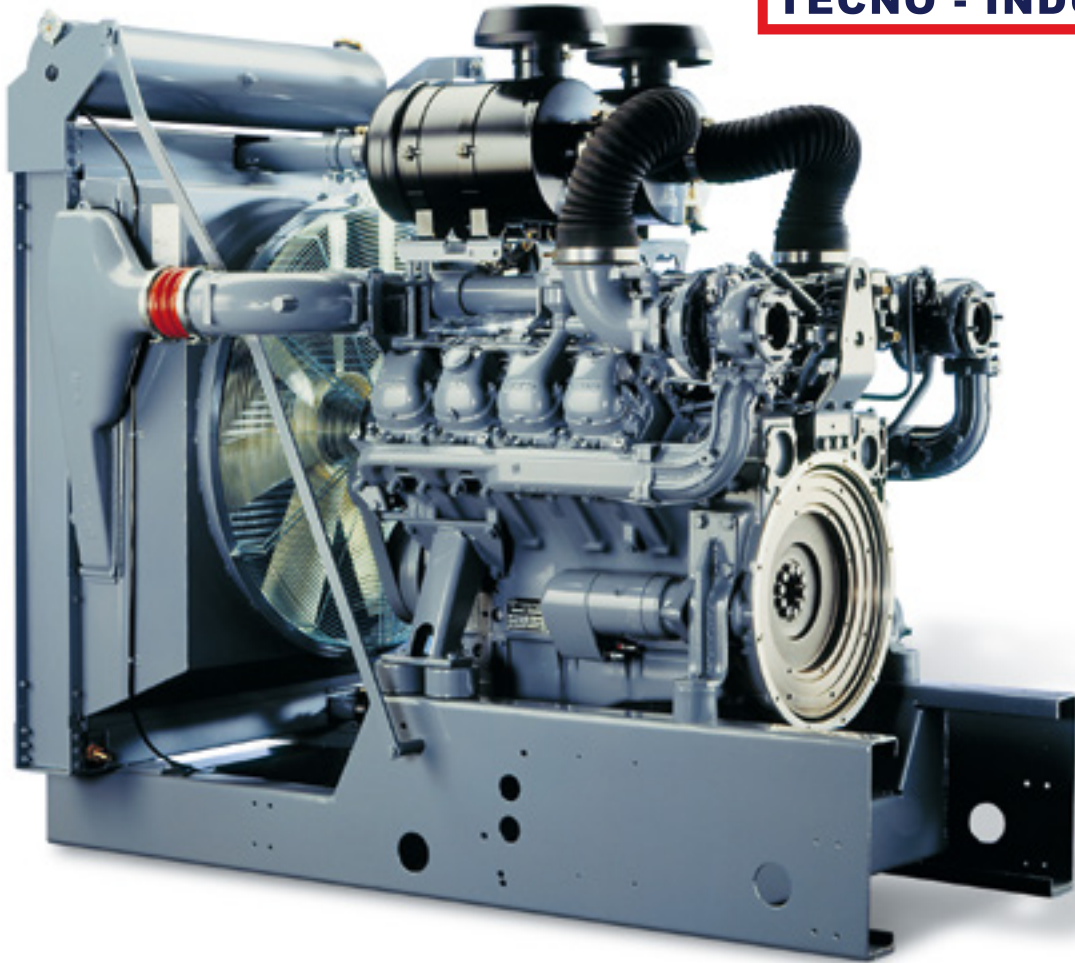




D2848

Description of engines

Characteristics

- | | |
|------------------------------|---|
| ■ Cylinders and arrangement: | 8 cylinders in 90° V arrangement |
| ■ 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 |

D2848

Technical data



Technical features D2848⁴⁾

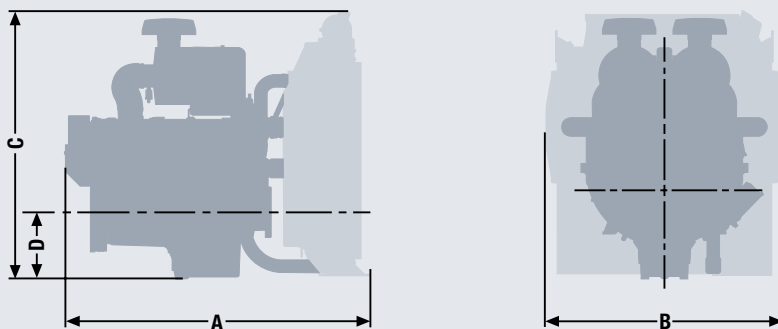
Mode of operation		ESP		LTP		PRP		COP	
at engine speed	rpm (Hz)	1 500 (50)	1 800 (60)	1 500 (50)	1 800 (60)	1 500 (50)	1 800 (60)	1 500 (50)	1 800 (60)
Engine version		LE 213	LE 213	LE 211	LE 211	LE 211	LE 211	LE 211	LE 211
Bore	mm	128	128	128	128	128	128	128	128
Stroke	mm	142	142	142	142	142	142	142	142
Displacement	l	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
blocked ISO effective power ¹⁾	kW	495	539	446	506	–	–	–	–
Torque	Nm	3 151	2 859	2 836	2 684	–	–	–	–
ISO standard power ^{2) 3)}	kW	–	–	–	–	405	460	270	350
Torque	Nm	–	–	–	–	2 578	2 440	1 719	1 857
Net engine power output	kVA	560	600	500	560	450	510	300	380

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).

4) Engine model will phase out, limited availability on demand



Dimensions D2848

Type designation	LE 213/LE 211	
A-Length with fan-cooled radiator	mm	1850
B-Width with fan-cooled radiator	mm	1400
C-Height with fan-cooled radiator	mm	1700
D-Height of lower edge of engine to middle of crankshaft	mm	467
Dry weight with cooling system	kg	1250