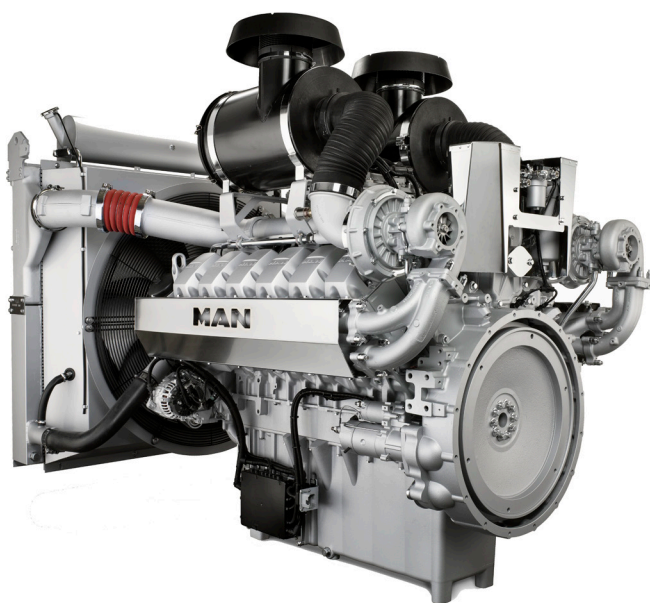


D2862 LE221

Industrial Diesel Engine for
Pump Drive Application



MAN Engines



GENERAL DESCRIPTION

Characteristics

- Engine Type four-stroke, direct fuel injection
- Cylinders 12, in V-form, wet replaceable cylinder liners

- Aspiration turbocharger, intercooler
- Cooling water circulation by centrifugal pump on engine

- Lubrication force-feed lubrication by gear pump, lubricating oil cooler in cooling water circuit of engine

- Injection Common Rail System 1800 bar, type EDC7 C32

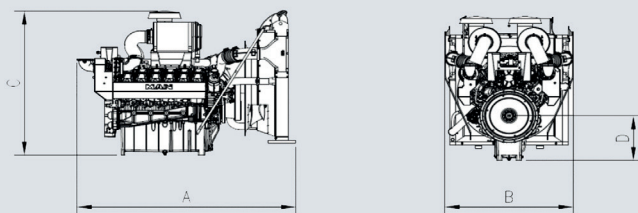
- Direction of rotation counter clock, looking on flywheel

- Exhaust emission level EU 97/68 EG Stage 2

TECHNICAL DATA

Characteristics	Unit	General data
Cylinders		12
Bore	mm	128
Stroke	mm	157
Swept volume	l	24.2
Compression ratio		17.0:1
IFN power @1800 rpm	kW	920
ICXN power @1800 rpm ¹⁾	kW	836
Rated speed	rpm	1800
Min. idling speed	rpm	600
Max. operating speed	rpm	1900
Maximum torque	Nm	4457
At speed	rpm	1500

¹⁾ Engine performance according to ISO 3046-1, engine performance without deration under the condition of altitude below 500m and ambient temperature below 50°C. For other conditions engine performance deration due to ambient temperature and altitude has to be taken into account.



Dimensions

A-Overall length	mm	2658
B-Overall width	mm	1561
C-Overall height	mm	1916
D-Height of lower edge of oil pan to middle of crankshaft	mm	594
Dry weight engine	kg	1950
Dry weight radiator	kg	290

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

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