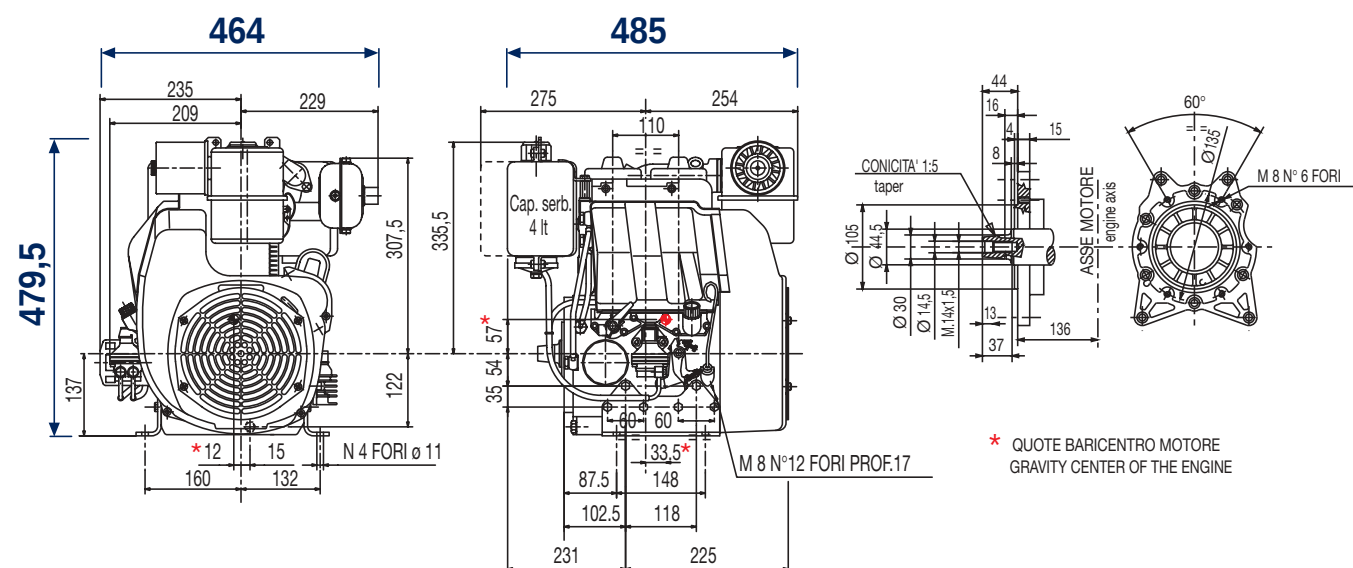


SERIE 25LD

Technical drawings *



* More specific dimensions are available on www.lombardini.it (see table at the bottom of the page)

Standard equipment

electric starting with 12V starter motor and alternator
black pain on sheet metal parts ?
accelerator remote control
oil bath air filter with prefilter
internal oil filter with net
oil pressure switch
combined manifold and exhaust muffler
engine feet
power take-off on crankshaft
panel board
fuel feed pump
counter-clockwise rotation on power take-off side
fuel tank with filter
automatic mechanical fuel supplement
use, maintenance and spare parts booklet

Accessories

different guards according to use
diverse power alternators
compression release
flanges
dry air filter
external oil filter
external fuel filter
clutches
diverse flywheels for clutches
hydraulic pump adapters
various capacity tanks
mufflers and exhaust pipes
controls
pulleys
varnishing / painting ?

SERIE 25LD

- 2 cylinders
- 654 cm³
- 12 kW/16.3 HP
- 3600 r.p.m.
- Nm. 32@2400

Homologation

- ECE R 24-03 ▲

Construction

- 4-stroke air cooled diesel engine
- direct injection
- flywheel fan air cooling
- mechanical fuel feeding supplement
- forced lubrication with oil pump
- full flow oil filter with net
- automatic extra fuel starting device
- torque regulator
- centrifugal speed governor
- crankcase in die-cast aluminium
- electric starting
- counter-clockwise rotation (viewed from power take-off side)
- aluminium alloy independent heads
- re-borable independent cast iron cylinders
- power take-off on crankshaft



Applications

- Dumper
- Vibrating Roller
- Generating Set
- Welding Set
- High pressure cleaner
- Hydraulic power pack
- Agricultural pump
- Two-wheel tractor



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Files for this product available on www.lombardini.it

Data sheet	25LD330DS.PDF
Owner manual	25LD330OM.PDF
Service manual	25LD330SM.PDF
Technical drawing	25LD330TD.DWG
Power curve	25LD330PC.PDF

LOMBARDINI RESERVES THE RIGHT TO MAKE MODIFICATIONS WITHOUT PRIOR NOTICE

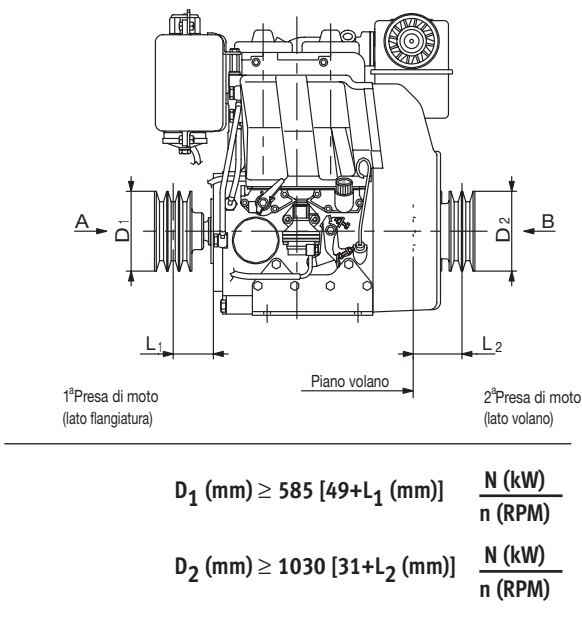
mod. 51031/1

SERIE 25LD

Specifications

Cylinders	N.	2
Displacement	cm³	654
Bore	mm	80
Stroke	mm	65
Compression ratio		19:1
Rating kW/HP	N (80/1269/CEE) ISO 1585	12/16.3
	NB ISO 3046 IFN	11.2/15.2
	NA ISO 3046 ICXN	10.3/14.0
Max. torque	Nm.	32@2400
Max. torque 3 P.T.O.	Nm.	18.0
Counterclockwise rotation		
Engine speed - 3 P.T.O. ratio		1:0.87
Minimum idling speed r.p.m.		1000
Fuel tank capacity	l	4
Oil consumption	kg/h.	0.007
Oil sump capacity	l	1,8
Min. allowable oil pressure	bar	0.8
Max. allowable tilt for short time operation (peak values)		25° (35°)
Combustion air required at 3600/3000 r.p.m.	l/min.	1050/875
Cooling air required at 3600/3000 r.p.m.	l/min.	11700/9750
Dry weight	kg	60
Recommended battery	V/Ah	12/55
Axial load	(continuous)	kg 100
	(intermittent)	kg 300

Minimum pulley diameters for belt drive

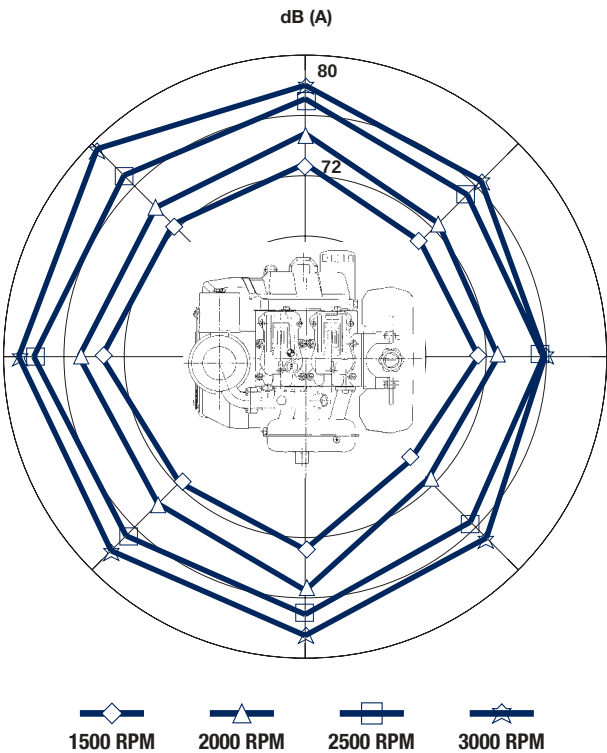


Max. allowable axial load in both direction A-B = 350 kg



Sound pressure level dB (A)

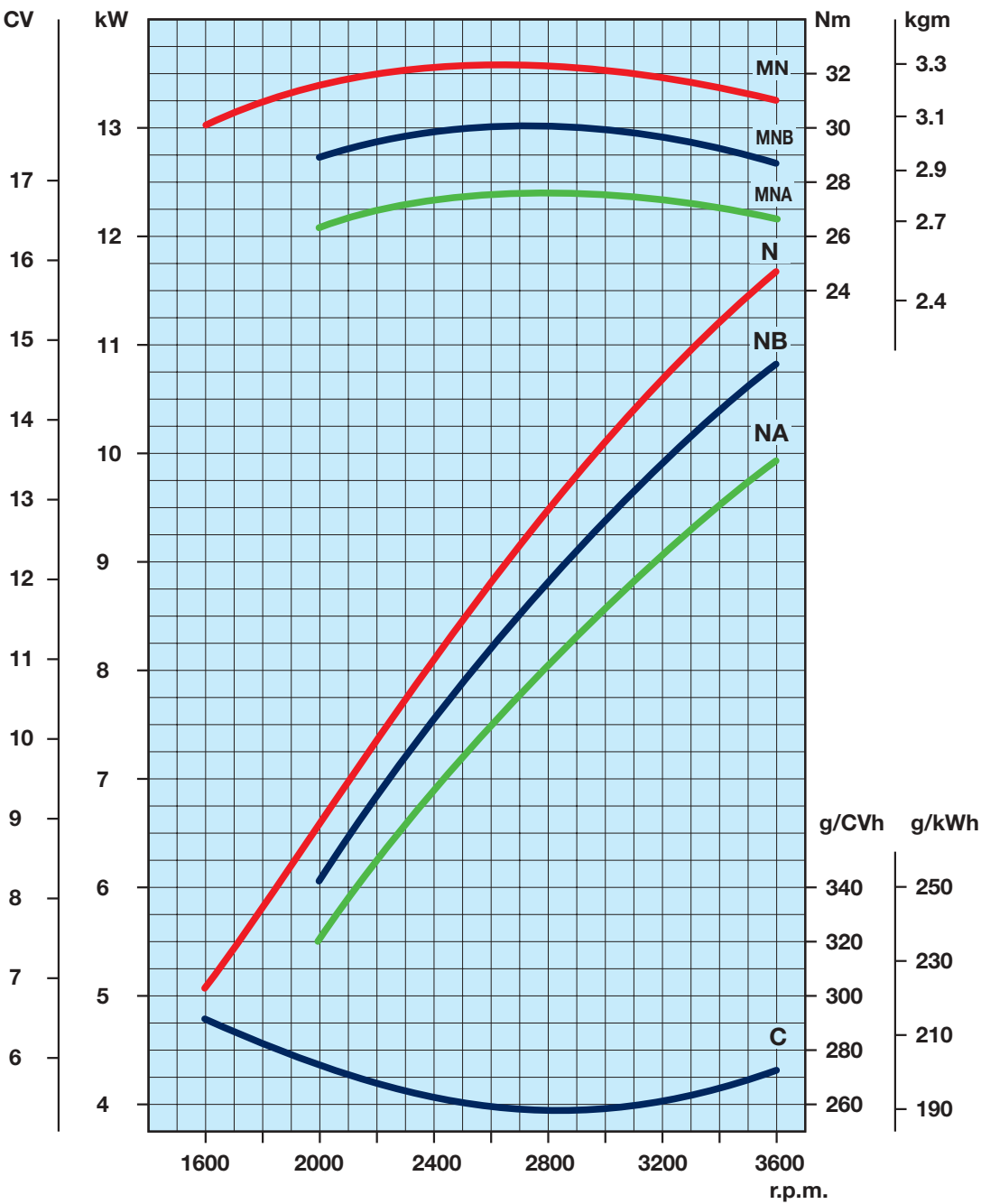
Sound level polar diagram open field - 7 meters microphone - no load running engine.



SERIE 25LD

Curves

25LD 330/2 @ 3600 r.p.m.



N	Power curve - 80/1269/CEE - ISO 1585 -
NB	Power curve - ISO 3046/1 - IFN -
NA	Power curve - ISO 3046/1 - ICXN -
MN	Torque curve - (N curve)
MB	(B curve - MA (A curve)
C	Specific fuel consumption - (NB curve)

Power for gen set or stationary running

Engine power kW

r.p.m.	Intermittent (NB)	Continuous (NA)
3600	11.2	10.3
3000	9.4	8.6