

VECTOR

V08 ENT

FOR INDUSTRIAL APPLICATIONS

90° V 8 CYLINDER - DIESEL CYCLE

640 kW (870 CV) @ 2100 rpm - 3650 Nm @ 1400 rpm (TIER 2)

560 kW (761 CV) @ 2100 rpm - 3200 Nm @ 1400 rpm *

480 kW (652 CV) @ 2100 rpm - 2700 Nm @ 1400 rpm *

* TIER 3 / STAGE III A

PRELIMINARY



T E C H N O L O G I C A L E X C E L L E N C E

IVECO
MOTORS

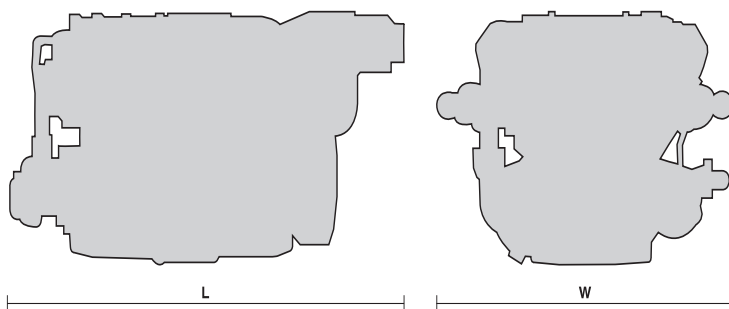
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Thermodynamic cycle		Diesel 4 stroke - C.R.
Air intake		TAA
Arrangement		V8
Bore x Stroke	mm	145 X 152
Total displacement	l	20.08
Valves per cylinder		4
Cooling		liquid
Direction of rotation (viewed facing flywheel)		CCW
Maximum no load governed speed	rpm	2300
Minimum idling speed	rpm	600
Injection		direct
Engine control		ECU-CAN data bus line
Injection system		Electronic-Common Rail (12/24 V)
Noise at max. rating (ISO 3744)	dB(A)	< 103
Minimum starting temperature without auxiliaries	°C	- 10

Standard configuration

Flywheel housing	SAE	1
Flywheel size	inch	14
Intake manifold location		rear side, frontward inlet
Exhaust manifold / turbocharger location		rear side, frontward outlet
Turbochargers		2, rear side
Charged air cooling		air to air
Oil vapour blow-by circuit		recirculated on engine, rear side
Oil filter		2, on engine, front position
Oil sump		high slope - 40 litres
Engine angularity limits continuous operation		22° all directions
Oil filler		right side, outwards
Starting motor		24 V - 8 kW - left side
Alternator		24 V - 90 A
Painting	colour	grey

Dimensions and weight



L = 1374 mm

W = 1422 mm

H = 1291 mm

Dry weight (standard configuration) : 1600 kg

Local Distributor

IVECO S.p.A.

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