

СУДОВЫЕ ДВИГАТЕЛИ СЕРИИ TCD 2015M



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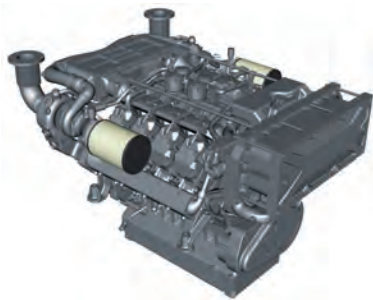
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TCD 2015M

for marine applications

210 - 500 kW | 282 - 671 hp at 1500 - 2100 min⁻¹ | rpm
emission certified & type approved

- Water-cooled 6 or 8-cylinder V engines (90°) with turbocharging and charge air cooling.
- The powerful and robust solenoid valve injection system (MVS) and the electronic engine control (EMR 3) with intelligent link to the drive management ensure optimum engine performance at low fuel consumption.
- 100% power take-off at flywheel and front end and additionally two PTO drives with a total torque of up to 400 Nm.



- The engine-driven cooling water pumps simplify the installation for keel and raw-water cooling.
- The extremely compact engine design and customer friendly accessories reduce the installation costs.
- DEUTZ marine engines are developed especially for the requirements of marine applications and meet the requirements of the classification societies. Type Approvals of the IACS classes¹⁾ and other classes are available on request.
- Low fuel consumption, low maintenance costs and long engine life reduce the operating costs.
- The engines fulfil the emission limit values in accordance with IMO, EU and ZKR (CCNR).

Technical data

Engine type		TCD 2015 V6 M	TCD 2015 V8 M
No. of cylinders		6	8
Bore/stroke		132/145 5.20/5.71	132/145 5.20/5.71
Displacement		11.9 727	15.9 969
Compression ratio		17.5:1	17.5:1
Nominal speeds propulsion engines		1800 / 1900 / 2100	1800 / 1900 / 2100
Nominal speeds auxiliary engines		1500 / 1800	1500 / 1800
Specific fuel consumption ²⁾		210 0.345	206 0.339

Power output ³⁾			TCD 2015 V6 M	TCD 2015 V8 M
Propulsion engines	- PG A	kW hp	327 439	450 603
	- PG B	kW hp	360 483	500 671
Auxiliary engines	- PG G 50Hz	kW hp	264 (280)* 354 (375)*	382 (382)* 512 (512)*
	60Hz	kW hp	286 (300)* 384 (402)*	409 (420)* 548 (563)*
	- PG N 50Hz	kW hp	300 402	420 563
	60Hz	kW hp	330 443	450 603

- LG A:** Unlimited continuous operation with unlimited workload.
LG B: Limited continuous operation: max. 3000 oh p.a.⁴⁾
 Operating time with more than 90% of maximum power: max. 1500 oh p.a.
 Admissible workload: max. 70% of rated power.
LG G: Unlimited continuous operation with unlimited workload.
LG N: Unlimited continuous operation with limited workload.
 Operating time with more than 90% of maximum power: max. 6000 oh p.a.
 Admissible workload: max. 80% of rated power.
 * Diesel-electric drive

- 1) IACS – International Association of Classification Societies
 2) Best full load consumption refers to diesel with a density of 0.835 kg/dm³ at 15°C | 6.96 lb/US gallon at 60°F.
 3) Power specifications in accordance with ISO 14396.
 Further ratings on request.
 4) oh p.a.: Operating hours per year

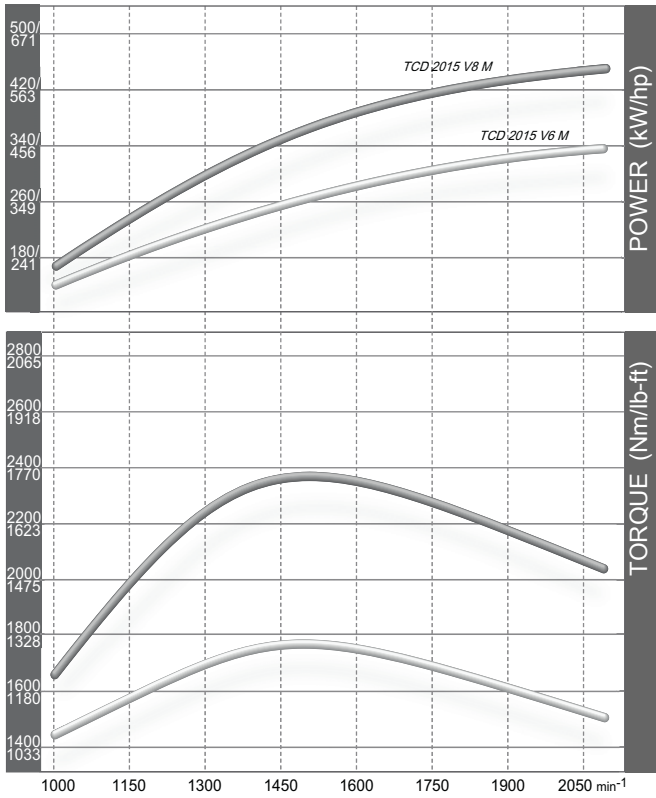
The data on this data sheet are for information purposes only and are not binding values. The data in the quotation is definitive.

Torque curve

Power group A

2100 min⁻¹/rpm

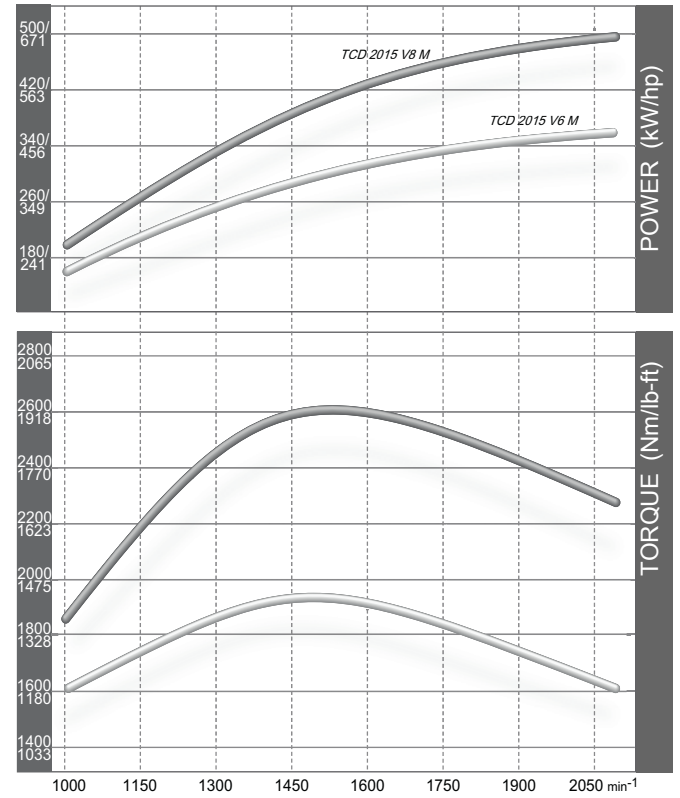
TCD 2015 V6 M | TCD 2015 V8 M



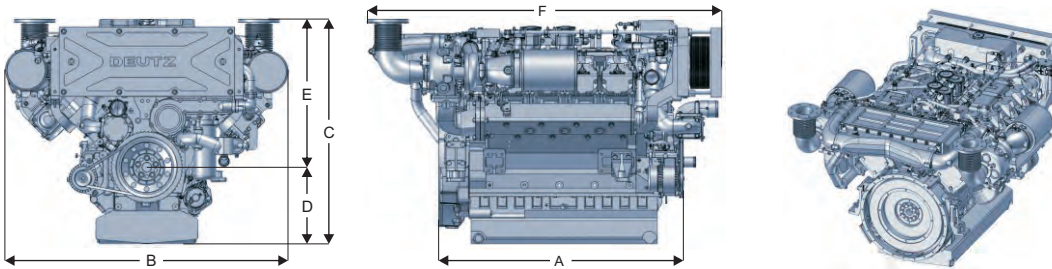
Power group B

2100 min⁻¹/rpm

TCD 2015 V6 M | TCD 2015 V8 M

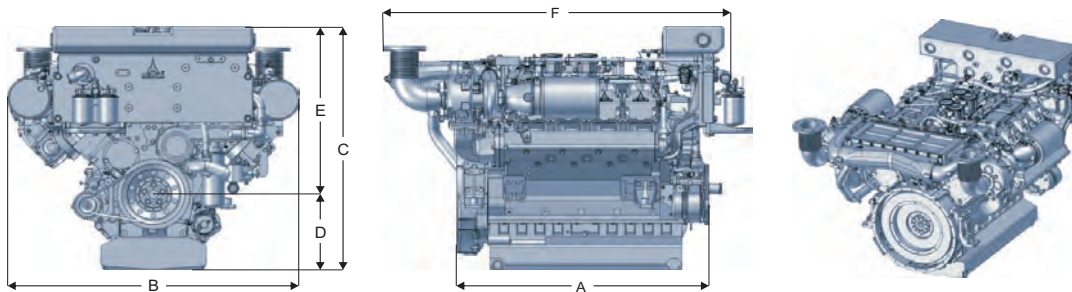


Dimensions - raw water cooling



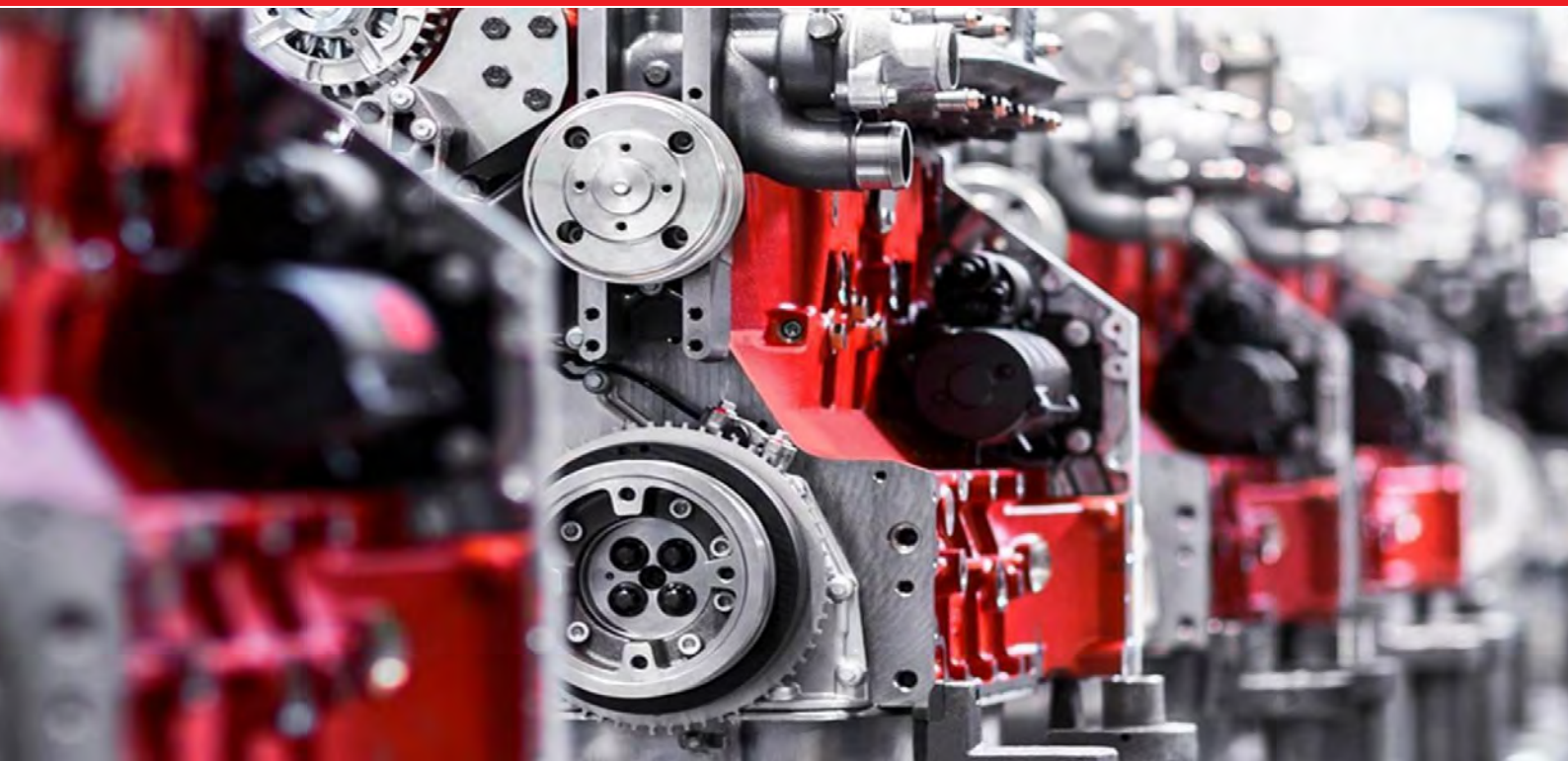
	A	B	C	D	E	F	Weight	
TCD 2015 V6 M	mm in	980 39	1316 52	1140 45	440 17	700 28	1495 59	1330 kg 2932 lb
TCD 2015 V8 M	mm in	1150 45	1334 53	1060 42	360 14	700 28	1670 66	1570 kg 3461 lb

Dimensions - keel cooling



	A	B	C	D	E	F	Weight	
TCD 2015 V6 M	mm in	980 39	1316 52	1230 48	440 17	790 31	1410 56	1290 kg 2844 lb
TCD 2015 V8 M	mm in	1150 45	1334 53	1150 45	360 14	790 31	1585 62	1550 kg 3417 lb

Note: The engine dimensions and weights vary depending on the scope of delivery.
For more information please contact the DEUTZ AG Köln or the responsible sales partner.



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