

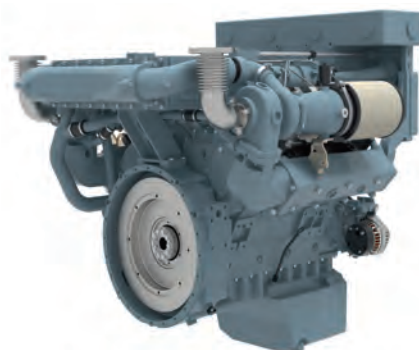
BFM 1015M

for marine applications

195 - 440 kW|261 - 590 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.
- Low fuel consumption, low maintenance costs and long engine life reduce the operating costs.
- 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 engines fulfil the emission limit values in accordance with IMO, EU and ZKR (CCNR).

- 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.
- The extremely compact engine design and customer friendly accessories reduce the installation costs.
- The robust engine design allows worldwide operation even with high sulphur fuels.

Technical data

Engine type		BF 6M 1015 M	BF 6M 1015 MC	BF 8M 1015 MC
No. of cylinders		6	6	8
Bore/stroke	mm in	132 / 145 5.20 / 5.71	132 / 145 5.20 / 5.71	132 / 145 5.20 / 5.71
Displacement	l cu in	11,9 727	11,9 727	15,9 969
Compression ratio		17:1	17:1	17:1
Nominal speeds propulsion engines	min ⁻¹ rpm	1800 / 1900 / 2100	1800 / 1900 / 2100	1800 / 1900 / 2100
Nominal speeds auxiliary engines	min ⁻¹ rpm	1500 / 1800	1500 / 1800	1500 / 1800
Specific fuel consumption ²⁾	g/kWh lb/hp-hr	213 0.35	206 0.34	209 0.34

Power output ³⁾		BF 6M 1015 M	BF 6M 1015 MC	BF 8M 1015 MC
Propulsion engines - LG A	kW hp	214 287	287 385	383 514
- LG B	kW hp	240 322	330 443	440 590
Auxiliary engines - LG G	50Hz kW hp	195 261	250 335	333 447
	60Hz kW hp	211 283	271 363	362 485
- LG N	50Hz kW hp	210 282	285 382	380 510
	60Hz kW hp	228 306	310 416	413 554

- 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.

- 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) Capacity data in accordance with ISO 3046-1.
 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.

The engine company.

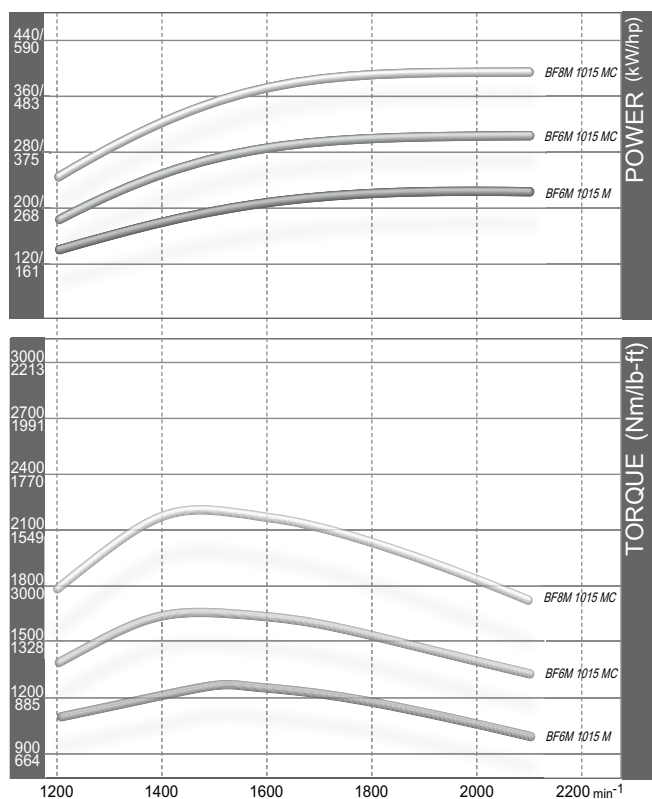


Torque curve

Power group A

2100 min⁻¹/rpm

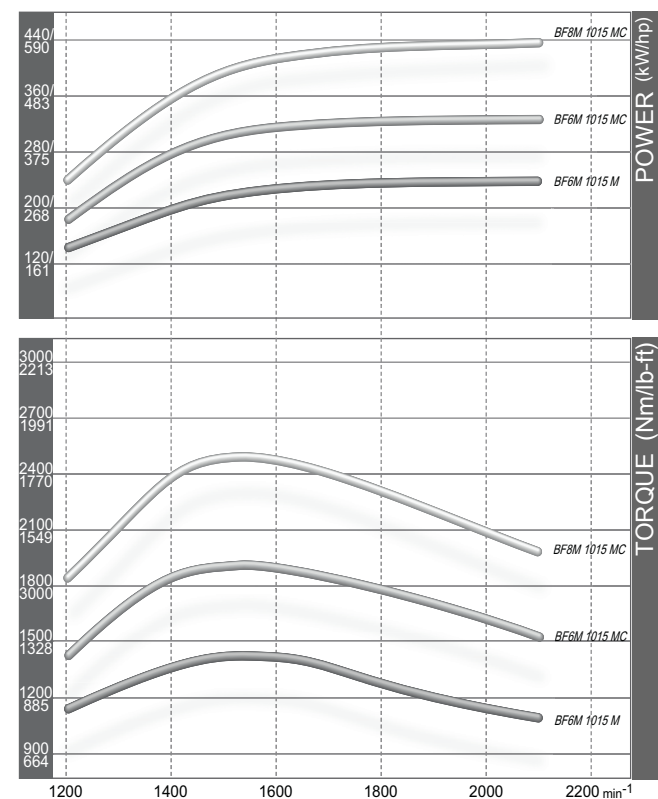
BF6M1015 M | BF6M1015 MC | BF8M1015 MC



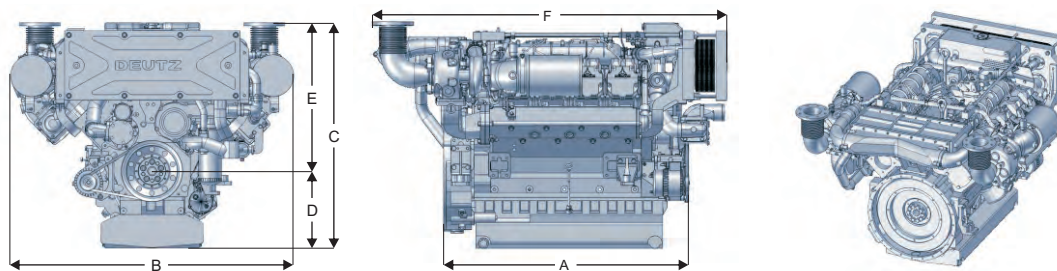
Power group B

2100 min⁻¹/rpm

BF6M1015 M | BF6M1015 MC | BF8M1015 MC

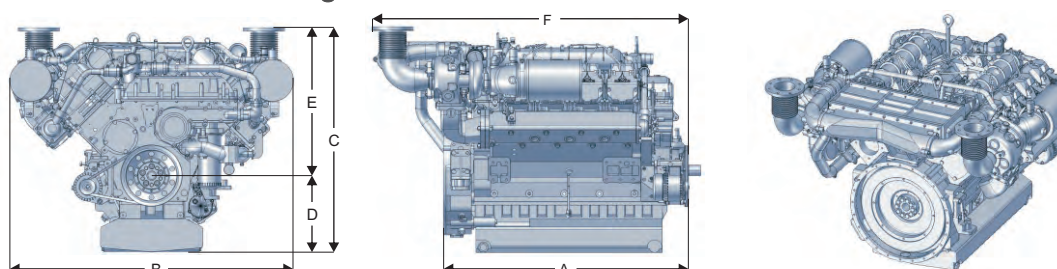


Dimensions - raw water cooling



		A		B		C		D		E		F		Weight	
BF 6M 1015 M	mm in	980	38.6	1316	51.8	1159	45.6	462	18.2	697	27.4	1379	54.3	1080 kg	2381 lb
BF 6M 1015 MC	mm in	980	38.6	1316	51.8	1138	44.8	443	17.4	695	27.4	1482	58.3	1180 kg	2601 lb
BF 8M 1015 MC	mm in	1150	45.3	1334	52.5	1057	41.6	360	14.2	697	27.4	1650	65.0	1380 kg	3042 lb

Dimensions - keel cooling



		A		B		C		D		E		F		Weight	
BF 6M 1015 M	mm in	980 38.6	1316 51.8	1139 44.8	462 18.2	677 26.7	1050 41.3	1020 kg	2249 lb						
BF 6M 1015 MC	mm in	980 38.6	1316 51.8	1139 44.8	462 18.2	677 26.7	1375 54.1	1110 kg	2447 lb						
BF 8M 1015 MC	mm in	1150 45.3	1334 52.5	1061 41.8	360 14.2	701 27.6	1540 60.6	1310 kg	2888 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.

