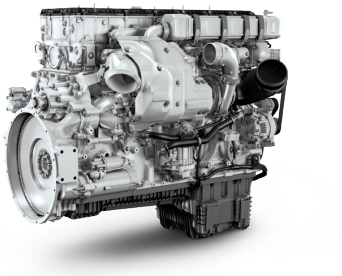
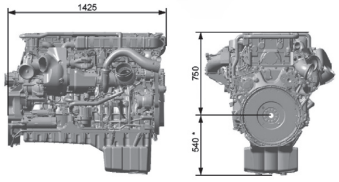
# DIESEL 6R 1500/OM 473

## for off-highway applications with EPA Tier 4 certification






| Engine | Dimensions (LxWxH) mm (in) | Mass, dry kg (lbs) |
|---|---|---|
| 6R 1500 C | 1425 x 1005 x 1290 (56.1 x 39.6 x 50.8) | 1235 (2723) [1] |

All dimensions are approximate, for complete information refer to the installation drawing.
1) DIN 70020

| Engine | | |
|---|---|---|
| Bore/stroke | mm (in) | 139/171 (5.5/6.7) |
| Cylinder configuration | | 6 inline |
| Displacement, total | l (cu in) | 15.6 (952) |
| Fuel specification | | DIN EN 590, ASTM D975 (DF1, DF2) |

manufactured by

customized by

Optional equipment and finishing shown. Standard may vary.

| | Rated power | | | Peak torque | | | Fuel consumpt. at rated power | Fuel consumpt. at peak torque |
|---|---|---|---|---|---|---|---|---|
| Engine type | kW | bhp | rpm | Nm | lb-ft | rpm | g/kWh | g/kWh |
| 6R 1500 C30 | 400 | 536 | 1700 | 2600 | 1918 | 1300 | 198 | 187 |
| 6R 1500 C50 | 430 | 577 | 1700 | 2750 | 2028 | 1300 | 198 | 187 |
| 6R 1500 C60 | 460 | 617 | 1700 | 2900 | 2139 | 1300 | 198 | 187 |

Ratings acc. to ECE R 120
Emissions: EPA Nonroad T4 (40CFR1039)
EU Nonroad St IV (97/68/EG) Compliant
UN ECE R96 Emission Flex Package (EFP)

A Rolls-Royce solution

| Standard equipment |
| --- |
| 24 Volt starter |
| 28 Volt alternator, 100 A |
| Common rail injection system |
| Electronic engine management |
| Electronic interface module |
| Turbo charging air to air cooling |
| High pressure EGR system |
| One-box aftertreatment system with SCR incl. muffler |
| Closed crankcase ventilation |
| SAE 1 flywheel housing |

| Optional equipment |
| --- |
| Exhaust brake system |
| Aux REPTO |
| Air compressor |
| AC compressor |
| Flex engine mounts |
| Elevated fan drive |
| Cooling fan |

Reference conditions:
> Intake temperature: 25°C (77°F)
> Charge air temperature: 40°C
> Altitude: 200 m (656 ft)
> Air intake restriction: 25 mbar
Subject to change without notice. Customization possible. Engines illustrated in this document may feature options not fitted as standard to standard engine.

Subject to change. | 3235111 | Edition 01/24 | BMC 2024-11.



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