

無
C2.8

無
C13

無
3616

無
C18 China NR4
(<560kW)

Power Rating

Maximum Power	55 kW	388 kW	4920 kW	470 kW
Maximum Torque	380 Nm @ 1360 rpm	2381 Nm @ 1400 rpm	48390 Nm @ 820 rpm	2953 Nm @ 1300 rpm
Rated Speed	2200 - 2400 rpm	1800-2100 rpm	800-1000 rpm	1800-2000
Minimum Power	50 kW	287 kW	4160 kW	429 kW

Emission Standards

Emissions	U.S. EPA & CARB Tier 4 Final, EU Stage V	U.S. EPA Tier 4 Final	Non-Certified	China Nonroad Stage IV
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General

Engine Configuration	In-Line 4	In-Line 6	V 16, 4-Stroke-Cycle Diesel	In-Line 6
Bore	90 mm	130 mm	280 mm	145 mm
Stroke	110 mm	157 mm	300 mm	183 mm
Displacement	2.8 l	12.5 l	295.6 l	18.1 l
Compression Ratio	17.0:1	17.0:1	-	16.0:1
Aspiration	Turbocharged (T) and Turbocharged-Aftercooled (TA)	Turbocharged-Aftercooled (TA)	Turbocharged Aftercooled	Turbocharged-Aftercooled (TA)
Combustion System	Direct Injection	Direct Injection	-	Direct Injection
Rotation from Flywheel End	Counterclockwise	Counterclockwise	Counterclockwise	Counterclockwise
Aftertreatment	DOC+DPF	DOC+DPF+SCR	-	DOC or DOC+DPF+SCR

Engine Dimensions - Approximate

Length	633 mm	854 mm	5482 mm	854 mm
Width	543 mm	287 mm	1704 mm	287 mm
Height	786 mm	551 mm	3231 mm	551 mm

Weight - Net Dry - Basic
Operating Engine Without
Optional Attachments

340 kg

1143 kg

29950 kg

1717 kg