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Marketing Information

MWM® Gas Engines under CATERPILLAR® Brand

In 2011, MWM[®] was acquired by CATERPILLAR[®]. In the meantime, CATERPILLAR[®] has also included the MWM[®] engines manufactured in Mannheim in its own engine portfolio and offers them under its own brand, the typical yellow paintwork and its own type designations.

The following table shows the comparison between the MWM[®] and the corresponding CATERPILLAR[®] engine models:

MWM [®] Engine Model	Output @ 50 Hz	Management System	CATERPILLAR [®] Engine Model	Output @ 50 Hz	Management System
TCG 2016 Series			CG132 Series		
TCG 2016 V08 C	400 kW _{el}	TEM	CG132-8	400 kW _{el}	TEM
TCG 2016 V12 C_515	515 kW _{el}	TEM	CG132-12	515 kW _{el}	TEM
TCG 2016 V12 C	600 kW _{el}	TEM	CG132-12	600 kW _{el}	TEM
TCG 2016 V16 C	800 kW _{el}	TEM	CG132-16	800 kW _{el}	TEM
TCG 3016 Series			CG132B Series		
TCG 3016 V08	400 kW _{el}	TPEM ¹⁾	CG132B-8	400 kW _{el}	TPEM 1)
TCG 3016 V12	600 kW _{el}	TPEM 1)	CG132B-12	600 kW _{el}	TPEM 1)
TCG 3016 V16	800 kW _{el}	TPEM ¹⁾	CG132B-16	800 kW _{el}	TPEM 1)
TCG 3016 V16S	1.000 kW _{el}	TPEM 1)	CG132B-16	1.000 kW _{el}	TPEM 1)
TCG 2020 Series			CG170 Series		
TCG 2020 V12 1.0	1.000 kW _{el}	TEM			
TCG 2020 V12 K1	1.000 kW _{el}	TEM			
TCG 2020 V12 K	1.125 kW _{el}	TEM			
TCG 2020 V12	1.200 kW _{el}	TEM	CG170-12	1.200 kW _{el}	TEM
TCG 2020 V16 K	1.500 kW _{el}	TEM			
TCG 2020 V16	1.560 kW _{el}	TEM	CG170-16	1.560 kW _{el}	TEM
TCG 2020 V20	2.000 kW _{el}	TEM	CG170-20	2.000 kW _{el}	TEM
TCG 2020 V20 (HE)	2.000 kW _{el}	TEM			
TCG 3020 Series			CG170B Series		
TCG 3020 V20	2.300 kW _{el}	TPEM ¹⁾	CG170B-20	2.300 kW _{el}	TPEM ¹⁾
TCG 2032 Series			CG260 Series		
TCG 2032 V12	3.333 kW _{el}	TEM	CG260-12	3.333 kW _{el}	TEM
TCG 2032 V16	4.300 kW _{el}	TEM			
TCG 2032B V16	4.500 kW _{el}	TEM	CG260-16	4.500 kW _{el}	TEM

¹⁾ TPEM (Total Plant & Energy Management) is based on CATERRPILLAR'S ADEM A4 system and is the successor of the originally used TEM (Total Electronic Management). It finds application on the latest engine series at MWM[®] and CATERPILLAR[®]. Please note that the MIC4-ZS ignition controller is not compatible with TPEM!

MOTORTECH GmbH

Hogrevestr. 21-23 29223 Celle, Germany Phone: +49 5141 - 93 99 0 Fax: +49 5141 - 93 99 99 www.motortech.de motortech.de

MOTORTECH AMERICAS, LLC 1400 Dealers Avenue, Suite A New Orleans, LA 70123 Phone: +1 504 355 4212 Fax: +1 504 355 4217 www.motortechamericas.com info@motortechamericas.com

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