



Strong and easy maintenance engines.

The 229 Series is composed by robust engines that highlight themselves for presenting durability, simple maintenance and low cost, besides the power and trust that characterize the products which take the MWM brand.

T e c h n i c a l i t y

- 3, 4 and 6 cylinders, respectively 3.0, 3.9 and 5.9 liters;
 - natural aspirations, turbo and turbo aftercooler versions;
 - mechanical fuel injection;
 - individual cylinder heads;
 - removable humid liners;
 - accessories moved by belt.
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VEHICULAR

Engine Model		D229-3	D229-4	TD 229-EC-4	D 229-6
Aspiration Type		Natural	Natural	Turbo	Natural
Disposition / Cylinders		L 3	L 4	L 4	L 6
Bore x Stroke	mm	102 x 120			
Displacement	litros	2,94	3,92	3,92	5,88
Compression Ratio		17:01	17:01	16:01	17:01
Rated Power	kW(cv)	47(64)	66(90)	90(122)	99(134)
Max. Rated Speed	rpm	2.800	3.000	2.800	2.800
Peak Torque	Nm	186	274	363	382
Peak Torque Speed	rpm	1600	1500	1600	1600

Dry Weight	kg	336	395	418	506
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DIMENSIONS (mm)	D229-3	D229-4	TD229-EC-4	D229-6
Height	822	854	992	992
Length	818	921	1444	1444
Width	663	730	699	699

* NA = Natural Aspirated

* TD = Turbo



STATIONARY

Engine Model			D229-3	D229-4	D229-4	TD229-EC-4	D229-6	TD229-EC-6
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Aspiration Type			Natural	Natural	Natural	Turbo	Natural	Turbo
Disposition / Cylinders			3	4	4	4	6	6
Bore x Stroke	mm		102 x 120					
Displacement	litros		2,94	3,92	3,92	3,92	5,88	5,88
Compression Ratio			17:01	17:01	17:01	17:01	17:01	15,9:1
	A 1500	kW(cv)	27(37)	36(49)	-	-	55(75)	74(101)
		kVA	28	39			61	83
Rated Power	A 1800	kW(cv)	33(45)	44(60)	-	-	66(90)	92(125)
		kVA	35	48			73	103
	A 2500	kW(cv)	37(50)	49(67)	66(90) / 3000	74(100) / 2300	74(100)	104(141)
		Torque	150 / 2000	178 / 1600	274 / 1600	372 / 1500	298 / 2000	463 / 1600
	A 1500	kW(cv)	30(41)	40(54)	-	-	61(83)	81(110)
		kVA	31	43			67	91
	A 1800	kW(cv)	37(50)	49(67)	-	-	73(99)	101(137)
Max. Power locked		kVA	40	54			81	114
	A 2500	kW(cv)	40(55)	54(73)	73(99) / 3000	81(110) / 2300	81(110)	114(155)

		Torque	150 / 2000	178 / 1600	274 / 1600	372 / 1500	298 / 2000	463 / 1600
Dry Weight	kg		370	445	445	445	570	620

DIMENSIONS (mm)	D229-3	D229-4	D229-4	D229-4	D229-6	TD229-EC-6
Height	907	938	938	-	1059	1134
Length	964	1092	1092	-	1351	1420
Width	680	680	680	-	680	680

(Dimensions with radiator)

* TD = Turbo

The Kva output power has feature instruction aiming the efficiency of generators manufacturer specifications



MARINE

Engine model		D229-3	D229-4	D229-6	TD229-6	TBD229-EC-6
Aspiration Type		Natural	Natural	Natural	Turbo	Turbo Aftercooler
Disposition / Cylinders		3	4	6	6	6
Bore x Stroke	mm	102 x 120				
Displacement	litros	2,94	3,92	5,88	5,88	5,88
Compression Ratio		17:01	17:01	17:01	15,9:1	15,9:1
Rated Power	kW(cv)	38(51)	54(73)	81(110)	97(132)	134(182)
Rated Speed	rpm	2.500				
Max. Power locked	kW(cv)	41(56)	59(80)	88(120)	107(145)	147(200)
Peak Torque Speed	rpm	2500				
Dry Weight	kg	365	445	570	625	635

DIMENSIONS (mm)	D229-3	D229-4	D229-6	TD229-6	TBD229-EC-6
Height	813	844	838	846	878
Length	811	939	1195	1195	1195
Width	680	680	680	680	680

* NA = Natural Aspirated

* TD = Turbo

* TBD = Turbo Aftercooler



AGRICULTURAL

Engine Model	D229-3	D229-4	D229-4	TD 229-EC-4	D229-6	TD 229-EC-6	TD 229-EC-6
Aspiration Type	Natural	Natural	Natural	Turbo	Natural	Turbo	Turbo

Disposition / Cylinders		3	4	4	4	6	6	6
Bore x Stroke	mm	102 x 120						
Displacement	litros	2,94	3,92	3,92	3,92	5,88	5,88	5,88
Compression Ratio		17:01	17:01	17:01	15,9:1	17:01	15,9:1	15,9:1
Rated Power	kW(cv)	46(62)	54(75)	60(81)	74(100)	93(126)	107(145)	118(160)
Rated Speed	rpm	2.400	2.300	2.300	2.300	2.500	2.300	2.300
Peak Torque	Nm	196	252	271	372	402	510	559
Peak Torque Speed	rpm	1400	1400	1400	1400	1400	1500	1500
Dry Weight	kg	320	380	380	410	535	586	586

DIMENSIONS (mm)	D229-3	D229-4	D229-4	TD 229-EC-4	D229-6	TD 229-EC-6	TD 229-EC-6
Height	860	847	847	956	1135	1135	1135
Length	782	910	910	900	1135	1135	1135
Width	540	540	540	540	600	600	600

* NA = Natural Aspirated

* TD = Turbo

MWM doesn't market its products directly to the customer, please seek our Authorized Distributor.

The factory advises a previous consultation to the MWM Authorized Network about the described engines. MWM

Motores Diesel Ltda. reserves the right of changing the technical specifications of its products without previous warning, due to its constant technological progresses.