

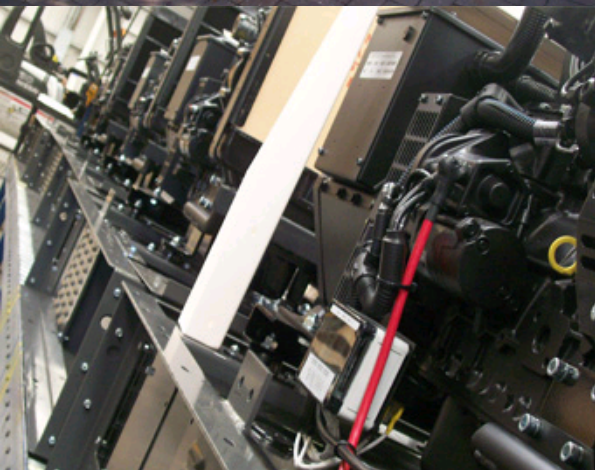
kVA  
12,3-14,7

# MF DN5-MF17

**Diesel (Water cooled), Compact, Single Phase**  
12,3-14,7 kVA



26.03.2009 16:08



Genset photograph may include optional extras

	Prime	Standby
Genset model	DN5-MF17P	DN5-MF17S
220-240V, 50Hz	12,3 kVA 12,3 kW	13,0 kVA 13,0 kW
220/110V, 60Hz	13,8 kVA 13,8 kW	14,7 kVA 14,7 kW

Ratings at 1,0pf

**Prime** This rating is for the supply of continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation on the annual hours of operation and 10% overload power can be supplied for one hour in twelve hours.

**Standby** This rating is for the supply of continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted.

Engine model	Deutz	D2009L03	
Number of cylinders		3 in-line	
Cubic capacity	litre (cu inch)	1,72 (105)	
Aspiration		Natural	
Alternator	Newage	Stamford	
Frequency	Hz	50	60
Engine speed	rpm	1500	1800
Fuel tank capacity	litre (USgal)	100 (26,4)	100 (26,4)
Fuel consumption at full rating: Prime Standby	litre /h (USgal /h)	4,04 (1,07) 4,15 (1,10)	4,70 (1,24) 5,41 (1,43)
Heat rejection to exhaust system (max)	kW (BTU /min)	13,8 (785)	15,2 (865)
Heat rejection to cooling system (max)	kW (BTU /min)	10,7 (609)	13,0 (740)
Total radiated heat (max)	kW (BTU /min)	7,3 (415)	10,2 (581)
Exhaust temperature (max)	deg C (deg F)	482 (900)	564 (1047)
Radiator cooling air flow with max restriction	cu m /min (cfm) mm (inch) H2O	4,5 (159) 15,0 (0,6)	8,8 (311) 15,0 (0,6)
Combustion air flow (max)	cu m /min (cfm)	1,06 (37)	1,29 (46)
Exhaust gas flow (max) with max allowable back pressure	cu m /min (cfm)	2,74 (97)	3,68 (130)
	mm (inch) H2O	203 (8,0)	305 (12,0)

Note: Standard reference conditions: 25deg C (77deg F) air inlet temperature, 152.4m (500feet) above sea level, 60% relative humidity. All engine performance data based on the above mentioned maximum continuous ratings. Fuel consumption data at full load for diesel fuel with specific gravity of 0.85 and conforming to BS2869: 1998, class A2.

VISION INNOVATION LEADERSHIP QUALITY RELIABILITY SUPPORT PRIDE COMMITMENT



MASSEY FERGUSON

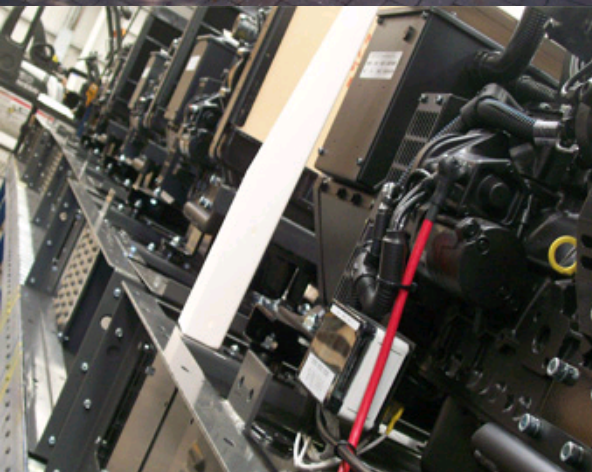
kVA  
12,3-14,7

# MFDN5-MF17

**Diesel (Water cooled), Compact, Single Phase**  
12,3-14,7 kVA



26.03.2009 16:08



Genset photograph may include optional extras

**Dimensions:**

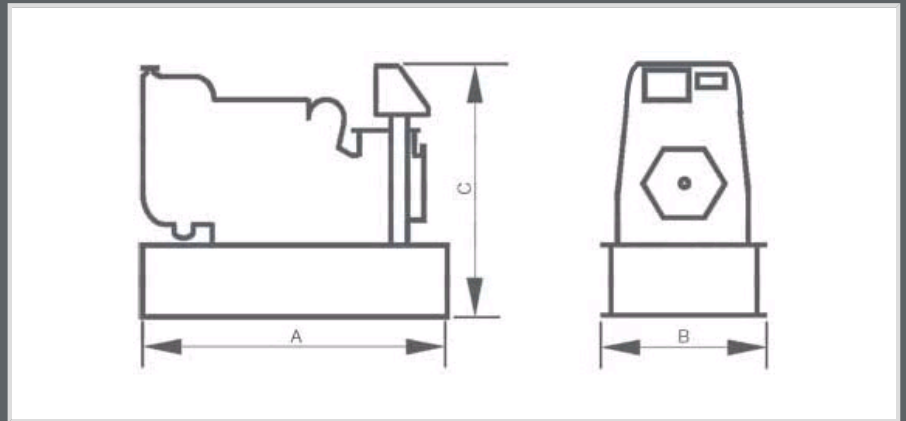
Length (A)	mm (inch)	1325 (52,2)
Width (B)	mm (inch)	720 (28,3)
Height (C)	mm (inch)	1100 (43,3)
Max longitudinal projection (D)	mm (inch)	1945 (76,6)
Max width projection per side (E)	mm (inch)	507 (20,0)
Maximum height total (F)	mm (inch)	547 (21,5)

**Weights:**

Dry weight (with lube oil)	kg (lb)	450 (992)
Wet weight (with lube oil and coolant)	kg (lb)	475 (1047)

**Sound pressure levels:**

		50Hz 1500rpm	60Hz 1800rpm
15m, 75% load	dB(A)	N/A	N/A
15m, 100% load	dB(A)	N/A	N/A
7m, 75% load	dB(A)	N/A	N/A
7m, 100% load	dB(A)	N/A	N/A
1m, 75% load	dB(A)	N/A	N/A
1m, 100% load	dB(A)	N/A	N/A



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DN5-MF17 20090730

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**MASSEY FERGUSON**

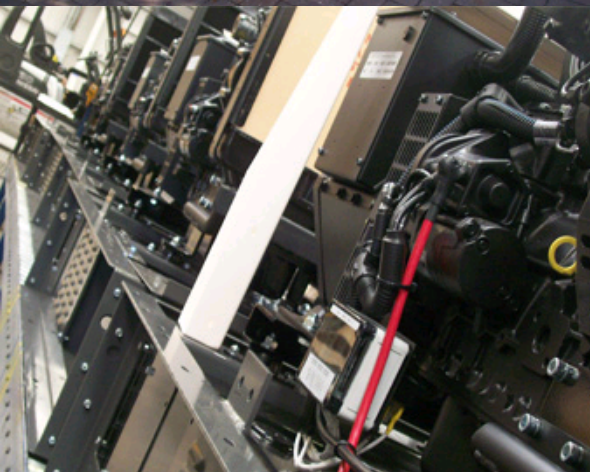
kVA  
16,0-18,9

# MF DN5-MF22

**Diesel (Water cooled), Compact, Single Phase**  
16,0-18,9 kVA



26.03.2009 16:08



Genset photograph may include optional extras

	Prime	Standby
Genset model	DN5-MF22P	DN5-MF22S
220-240V, 50Hz	16,0 kVA 16,0 kW	17,5 kVA 17,5 kW
220/110V, 60Hz	17,7 kVA 17,7 kW	18,9 kVA 18,9 kW

Ratings at 1,0pf

**Prime** This rating is for the supply of continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation on the annual hours of operation and 10% overload power can be supplied for one hour in twelve hours.

**Standby** This rating is for the supply of continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted.

Engine model	Lister Petter	LPWT4	
Number of cylinders		4 in-line	
Cubic capacity	litre (cu inch)	1,86 (114)	
Aspiration		Turbocharged	
Alternator	Newage	Stamford	
Frequency	Hz	50	60
Engine speed	rpm	1500	1800
Fuel tank capacity	litre (USgal)	100 (26,4)	100 (26,4)
Fuel consumption at full rating: Prime Standby	litre /h (USgal /h)	5,23 (1,38) 5,78 (1,53)	6,38 (1,69) 7,02 (1,85)
Heat rejection to exhaust system (max)	kW (BTU /min)	14,6 (831)	17,5 (996)
Heat rejection to cooling system (max)	kW (BTU /min)	16,4 (933)	19,7 (1121)
Total radiated heat (max)	kW (BTU /min)	6,8 (387)	10,4 (592)
Exhaust temperature (max)	deg C (deg F)	420 (788)	440 (824)
Radiator cooling air flow with max restriction	cu m /min (cfm) mm (inch) H2O	7,1 (251) 15,0 (0,6)	24,8 (876) 15,0 (0,6)
Combustion air flow (max)	cu m /min (cfm)	1,78 (63)	2,30 (81)
Exhaust gas flow (max) with max allowable back pressure	cu m /min (cfm) mm (inch) H2O	5,20 (184) 510 (20,1)	7,00 (247) 510 (20,1)

Note: Standard reference conditions: 25deg C (77deg F) air inlet temperature, 152.4m (500feet) above sea level, 60% relative humidity. All engine performance data based on the above mentioned maximum continuous ratings. Fuel consumption data at full load for diesel fuel with specific gravity of 0.85 and conforming to BS2869: 1998, class A2.

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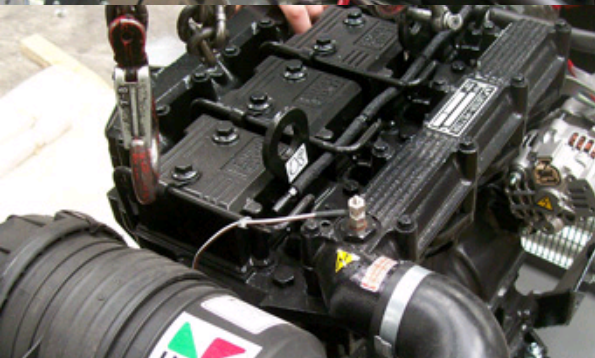
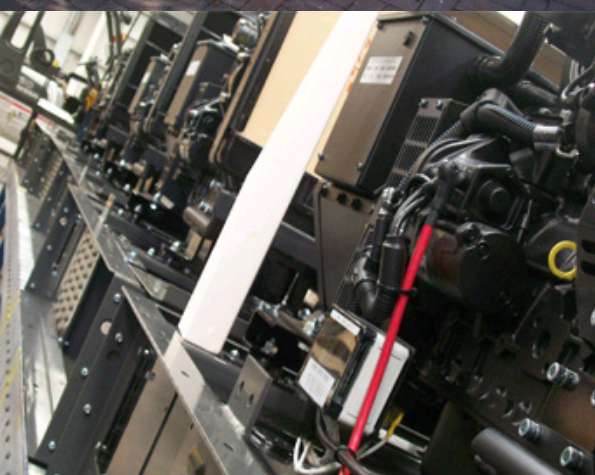


MASSEY FERGUSON

kVA  
16,0-18,9

# MF DN5-MF22

**Diesel (Water cooled), Compact, Single Phase**  
16,0-18,9 kVA



Genset photograph may include optional extras

**Dimensions:**

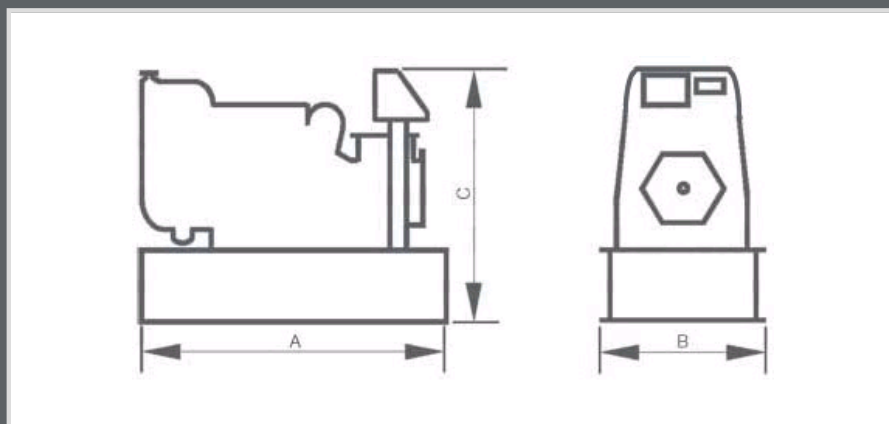
Length (A)	mm (inch)	1325 (52,2)
Width (B)	mm (inch)	720 (28,3)
Height (C)	mm (inch)	1100 (43,3)
Max longitudinal projection (D)	mm (inch)	N/A (N/A)
Max width projection per side (E)	mm (inch)	N/A (N/A)
Maximum height total (F)	mm (inch)	N/A (N/A)

**Weights:**

Dry weight (with lube oil)	kg (lb)	500 (1102)
Wet weight (with lube oil and coolant)	kg (lb)	525 (1157)

**Sound pressure levels:**

		50Hz 1500rpm	60Hz 1800rpm
15m, 75% load	dB(A)	N/A	N/A
15m, 100% load	dB(A)	N/A	N/A
7m, 75% load	dB(A)	N/A	N/A
7m, 100% load	dB(A)	N/A	N/A
1m, 75% load	dB(A)	N/A	N/A
1m, 100% load	dB(A)	N/A	N/A



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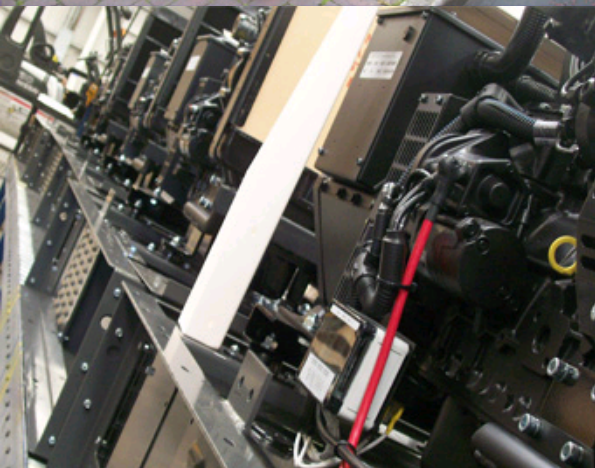


**MASSEY FERGUSON**

kVA  
22,7-25,5

# MF DN5-MF33

**Diesel (Water cooled), Compact, Single Phase**  
**22,7-25,5 kVA**



Genset photograph may include optional extras

	Prime	Standby
Genset model	DN5 -MF33P	DN5 -MF33S
220-240V, 50Hz	22,7 kVA 22,7 kW	24,3 kVA 24,3 kW
220/110V, 60Hz	23,9 kVA 23,9 kW	25,5 kVA 25,5 kW

Ratings at 1,0pf

**Prime** This rating is for the supply of continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation on the annual hours of operation and 10% overload power can be supplied for one hour in twelve hours.

**Standby** This rating is for the supply of continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted.

Engine model	Deutz	TD2009L04	
Number of cylinders		4 in-line	
Cubic capacity	litre (cu inch)	2,30 (140)	
Aspiration		Turbocharged	
Alternator	Newage	Stamford	
Frequency	Hz	50	60
Engine speed	rpm	1500	1800
Fuel tank capacity	litre (USgal)	100 (26,4)	100 (26,4)
Fuel consumption at full rating: Prime Standby	litre /h (USgal /h)	6,55 (1,73) 7,42 (1,96)	8,06 (2,13) 9,05 (2,39)
Heat rejection to exhaust system (max)	kW (BTU /min)	17,7 (1007)	25,4 (1446)
Heat rejection to cooling system (max)	kW (BTU /min)	15,2 (865)	18,3 (1042)
Total radiated heat (max)	kW (BTU /min)	8,5 (484)	12,5 (711)
Exhaust temperature (max)	deg C (deg F)	550 (1022)	549 (1020)
Radiator cooling air flow with max restriction	cu m /min (cfm) mm (inch) H2O	N/A (N/A) 15,0 (0,6)	TBA (TBA) 15,0 (0,6)
Combustion air flow (max)	cu m /min (cfm)	2,09 (74)	2,68 (95)
Exhaust gas flow (max) with max allowable back pressure	cu m /min (cfm) mm (inch) H2O	5,87 (207) 203 (8,0)	7,52 (266) 305 (12,0)

Note: Standard reference conditions: 25deg C (77deg F) air inlet temperature, 152.4m (500feet) above sea level, 60% relative humidity. All engine performance data based on the above mentioned maximum continuous ratings. Fuel consumption data at full load for diesel fuel with specific gravity of 0.85 and conforming to BS2869: 1998, class A2.

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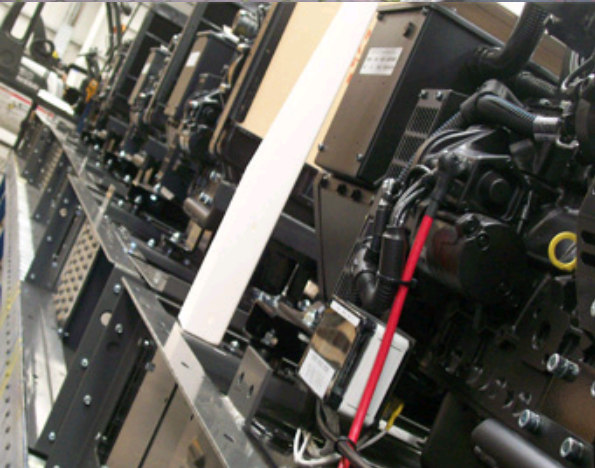


MASSEY FERGUSON

kVA  
22,7-25,5

# MFDN5-MF33

**Diesel (Water cooled), Compact, Single Phase**  
22,7-25,5 kVA



Genset photograph may include optional extras

**Dimensions:**

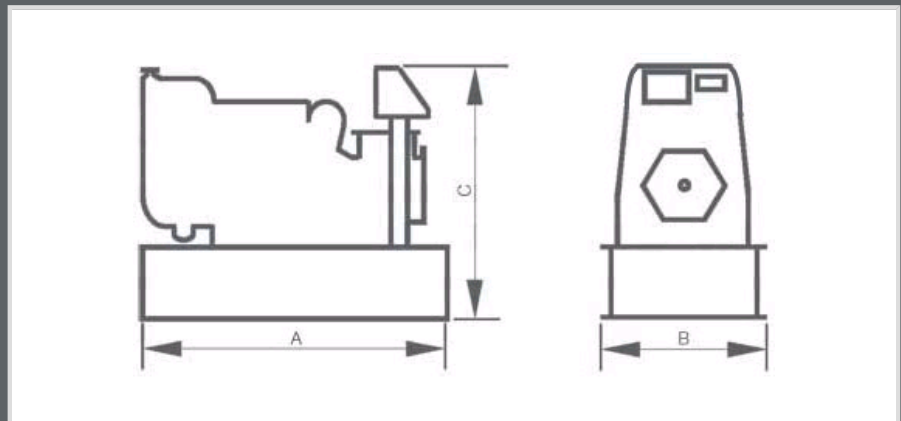
Length (A)	mm (inch)	1356 (53,4)
Width (B)	mm (inch)	720 (28,3)
Height (C)	mm (inch)	1128 (44,4)
Max longitudinal projection (D)	mm (inch)	1947 (76,7)
Max width projection per side (E)	mm (inch)	509 (20,0)
Maximum height total (F)	mm (inch)	549 (21,6)

**Weights:**

Dry weight (with lube oil)	kg (lb)	575 (1268)
Wet weight (with lube oil and coolant)	kg (lb)	600 (1323)

**Sound pressure levels:**

		50Hz 1500rpm	60Hz 1800rpm
15m, 75% load	dB(A)	N/A	N/A
15m, 100% load	dB(A)	N/A	N/A
7m, 75% load	dB(A)	N/A	N/A
7m, 100% load	dB(A)	N/A	N/A
1m, 75% load	dB(A)	N/A	N/A
1m, 100% load	dB(A)	N/A	N/A



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