

kVA
300,0-369,0

MF DN3-MF330

Diesel (Water cooled), Compact, Three Phase
300,0-369,0 kVA



Genset photograph may include optional extras

	Prime	Standby
Genset model	DN3-MF330P	DN3-MF330S
400V, 50Hz	300,0 kVA 240,0 kW	330,0 kVA 264,0 kW
440V, 60Hz	318,0 kVA 254,4 kW	369,0 kVA 295,2 kW

Ratings at 0,8pf

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	Scania	DC 12-59A (spec 10-31A)	
Number of cylinders		6 in-line	
Cubic capacity	litre (cu inch)	11,70 (714)	
Aspiration		Turbocharged	
Alternator	Newage	Stamford	
Frequency	Hz	50	60
Engine speed	rpm	1500	1800
Fuel tank capacity	litre (USgal)	820 (216,6)	820 (216,6)
Fuel consumption at full rating: Prime Standby	litre /h (USgal /h)	61,80 (16,33) 71,50 (18,89)	69,60 (18,39) 77,40 (20,45)
Heat rejection to exhaust system (max)	kW (BTU /min)	211,0 (12009)	233,0 (13261)
Heat rejection to cooling system (max)	kW (BTU /min)	167,0 (9505)	185,0 (10529)
Total radiated heat (max)	kW (BTU /min)	27,0 (1537)	28,0 (1594)
Exhaust temperature (max)	deg C (deg F)	495 (923)	441 (826)
Radiator cooling air flow with max restriction	cu m /min (cfm) mm (inch) H2O	540,0 (19070) 20,0 (0,8)	933,0 (32949) 20,0 (0,8)
Combustion air flow (max)	cu m /min (cfm)	20,30 (717)	25,40 (897)
Exhaust gas flow (max) with max allowable back pressure	cu m /min (cfm) mm (inch) H2O	53,20 (1879) 500 (19,7)	66,00 (2331) 500 (19,7)

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
300,0-369,0

MFDN3-MF330

Diesel (Water cooled), Compact, Three Phase
300,0-369,0 kVA



Genset photograph may include optional extras

Dimensions:

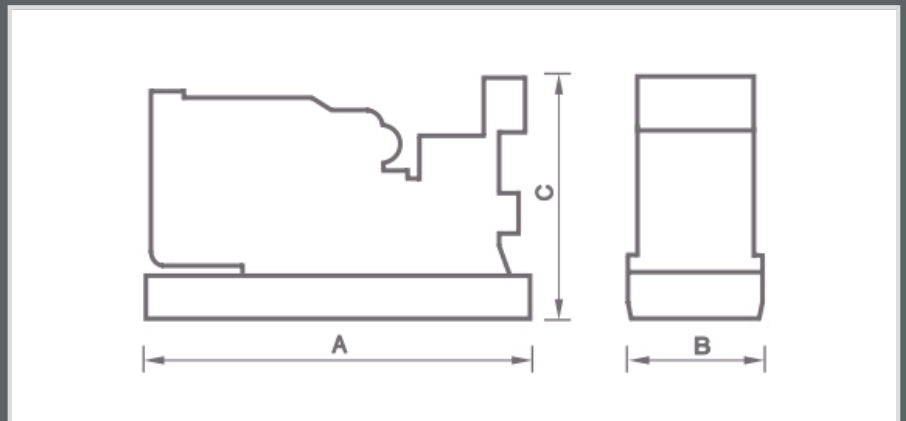
Length (A)	mm (inch)	3490 (137,4)
Width (B)	mm (inch)	1214 (47,8)
Height (C)	mm (inch)	2025 (79,7)
Max longitudinal projection (D)	mm (inch)	N/A (N/A)
Max width projection per side (E)	mm (inch)	N/A (N/A)
Maximum height total (F)	mm (inch)	N/A (N/A)

Weights:

Dry weight (with lube oil)	kg (lb)	2825 (6228)
Wet weight (with lube oil and coolant)	kg (lb)	2875 (6338)

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



Massey Ferguson Generators
1 Charlestown Drive, Craigavon, BT63 5GA, Northern Ireland, United Kingdom
Tel: +44 (0)28 3835 6000 Fax: +44 (0)28 3836 1010
Web: www.masseyferguson.com Email: sales@mfgen.co.uk

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DN3-MF330 20090730

VISION INNOVATION LEADERSHIP QUALITY RELIABILITY SUPPORT PRIDE COMMITMENT



MASSEY FERGUSON

kVA
300,0-369,0

MF DN3-MF350

Diesel (Water cooled), Compact, Three Phase
300,0-369,0 kVA



Genset photograph may include optional extras

	Prime	Standby
Genset model	DN3-MF350P	DN3-MF350S
400V, 50Hz	300,0 kVA 240,0 kW	350,0 kVA 280,0 kW
440V, 60Hz	318,0 kVA 254,4 kW	369,0 kVA 295,2 kW

Ratings at 0,8pf

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	Scania	DC 12-59A (spec 10-31A)	
Number of cylinders		6 in-line	
Cubic capacity	litre (cu inch)	11,70 (714)	
Aspiration		Turbocharged	
Alternator	Newage	Stamford	
Frequency	Hz	50	60
Engine speed	rpm	1500	1800
Fuel tank capacity	litre (USgal)	820 (216,6)	820 (216,6)
Fuel consumption at full rating: Prime Standby	litre /h (USgal /h)	61,80 (16,33) 71,50 (18,89)	69,60 (18,39) 77,40 (20,45)
Heat rejection to exhaust system (max)	kW (BTU /min)	211,0 (12009)	233,0 (13261)
Heat rejection to cooling system (max)	kW (BTU /min)	167,0 (9505)	185,0 (10529)
Total radiated heat (max)	kW (BTU /min)	27,0 (1537)	28,0 (1594)
Exhaust temperature (max)	deg C (deg F)	495 (923)	441 (826)
Radiator cooling air flow with max restriction	cu m /min (cfm) mm (inch) H2O	540,0 (19070) 20,0 (0,8)	933,0 (32949) 20,0 (0,8)
Combustion air flow (max)	cu m /min (cfm)	20,30 (717)	25,40 (897)
Exhaust gas flow (max) with max allowable back pressure	cu m /min (cfm) mm (inch) H2O	53,20 (1879) 500 (19,7)	66,00 (2331) 500 (19,7)

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
300,0-369,0

MF DN3-MF350

Diesel (Water cooled), Compact, Three Phase
300,0-369,0 kVA



Genset photograph may include optional extras

Dimensions:

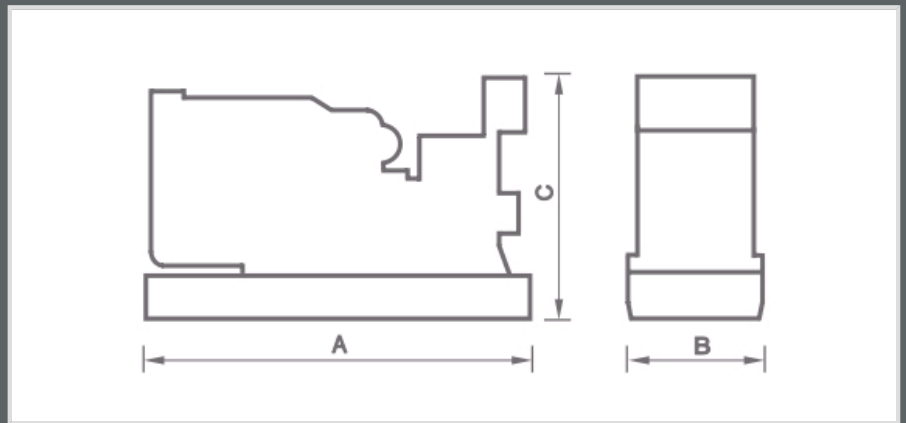
Length (A)	mm (inch)	3490 (137,4)
Width (B)	mm (inch)	1214 (47,8)
Height (C)	mm (inch)	2025 (79,7)
Max longitudinal projection (D)	mm (inch)	N/A (N/A)
Max width projection per side (E)	mm (inch)	N/A (N/A)
Maximum height total (F)	mm (inch)	N/A (N/A)

Weights:

Dry weight (with lube oil)	kg (lb)	2909 (6413)
Wet weight (with lube oil and coolant)	kg (lb)	2959 (6523)

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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1 Charlestown Drive, Craigavon, BT63 5GA, Northern Ireland, United Kingdom
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DN3-MF350 20090730

VISION INNOVATION LEADERSHIP QUALITY RELIABILITY SUPPORT PRIDE COMMITMENT



MASSEY FERGUSON

kVA
350,0-418,0

MF DN3-MF380

Diesel (Water cooled), Compact, Three Phase
350,0-418,0 kVA



Genset photograph may include optional extras

	Prime	Standby
Genset model	DN3-MF380P	DN3-MF380S
400V, 50Hz	350,0 kVA 280,0 kW	380,0 kVA 304,0 kW
440V, 60Hz	369,0 kVA 295,2 kW	418,0 kVA 334,4 kW

Ratings at 0,8pf

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	Scania	DC 12-59A (spec 10-32A)	
Number of cylinders		6 in-line	
Cubic capacity	litre (cu inch)	11,70 (714)	
Aspiration		Turbocharged	
Alternator	Newage	Stamford	
Frequency	Hz	50	60
Engine speed	rpm	1500	1800
Fuel tank capacity	litre (USgal)	820 (216,6)	820 (216,6)
Fuel consumption at full rating: Prime Standby	litre /h (USgal /h)	71,50 (18,89) 82,50 (21,80)	77,40 (20,45) 86,10 (22,75)
Heat rejection to exhaust system (max)	kW (BTU /min)	248,0 (14115)	262,0 (14912)
Heat rejection to cooling system (max)	kW (BTU /min)	192,0 (10928)	205,0 (11668)
Total radiated heat (max)	kW (BTU /min)	31,0 (1764)	31,0 (1764)
Exhaust temperature (max)	deg C (deg F)	509 (948)	460 (860)
Radiator cooling air flow with max restriction	cu m /min (cfm) mm (inch) H2O	540,0 (19070) 20,0 (0,8)	933,0 (32949) 20,0 (0,8)
Combustion air flow (max)	cu m /min (cfm)	22,90 (809)	27,10 (957)
Exhaust gas flow (max) with max allowable back pressure	cu m /min (cfm) mm (inch) H2O	59,60 (2105) 500 (19,7)	70,20 (2479) 500 (19,7)

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
350,0-418,0

MF DN3-MF380

Diesel (Water cooled), Compact, Three Phase
350,0-418,0 kVA



Genset photograph may include optional extras

Dimensions:

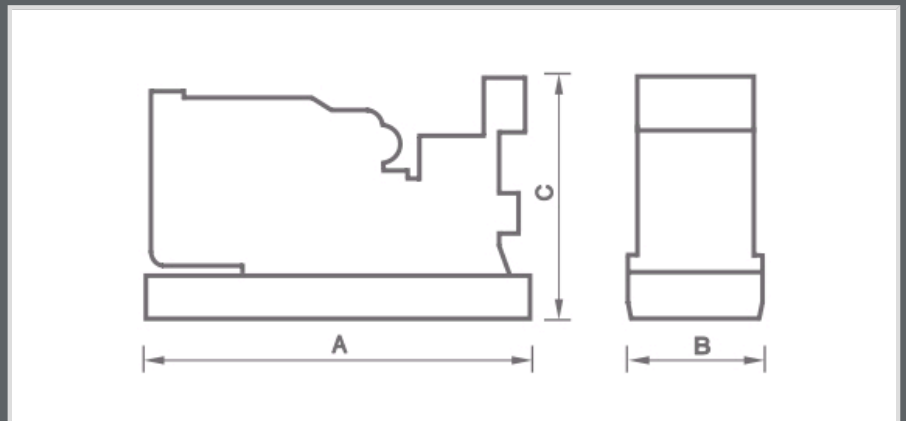
Length (A)	mm (inch)	3490 (137,4)
Width (B)	mm (inch)	1214 (47,8)
Height (C)	mm (inch)	2025 (79,7)
Max longitudinal projection (D)	mm (inch)	N/A (N/A)
Max width projection per side (E)	mm (inch)	N/A (N/A)
Maximum height total (F)	mm (inch)	N/A (N/A)

Weights:

Dry weight (with lube oil)	kg (lb)	2909 (6413)
Wet weight (with lube oil and coolant)	kg (lb)	2959 (6523)

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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1 Charlestown Drive, Craigavon, BT63 5GA, Northern Ireland, United Kingdom
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Web: www.masseyferguson.com Email: sales@mfgen.co.uk

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DN3-MF380 20090730

VISION INNOVATION LEADERSHIP QUALITY RELIABILITY SUPPORT PRIDE COMMITMENT



MASSEY FERGUSON

kVA
350,0-418,0

MF DN3-MF400

Diesel (Water cooled), Compact, Three Phase
350,0-418,0 kVA



Genset photograph may include optional extras

	Prime	Standby
Genset model	DN3-MF400P	DN3-MF400S
400V, 50Hz	350,0 kVA 280,0 kW	400,0 kVA 320,0 kW
440V, 60Hz	375,0 kVA 300,0 kW	418,0 kVA 334,4 kW

Ratings at 0,8pf

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	Scania	DC 12-59A (spec 10-32A)	
Number of cylinders		6 in-line	
Cubic capacity	litre (cu inch)	11,70 (714)	
Aspiration		Turbocharged	
Alternator	Newage	Stamford	
Frequency	Hz	50	60
Engine speed	rpm	1500	1800
Fuel tank capacity	litre (USgal)	820 (216,6)	820 (216,6)
Fuel consumption at full rating: Prime Standby	litre /h (USgal /h)	71,50 (18,89) 82,50 (21,80)	77,40 (20,45) 86,10 (22,75)
Heat rejection to exhaust system (max)	kW (BTU /min)	248,0 (14115)	262,0 (14912)
Heat rejection to cooling system (max)	kW (BTU /min)	192,0 (10928)	205,0 (11668)
Total radiated heat (max)	kW (BTU /min)	31,0 (1764)	31,0 (1764)
Exhaust temperature (max)	deg C (deg F)	509 (948)	460 (860)
Radiator cooling air flow with max restriction	cu m /min (cfm) mm (inch) H2O	540,0 (19070) 20,0 (0,8)	933,0 (32949) 20,0 (0,8)
Combustion air flow (max)	cu m /min (cfm)	22,90 (809)	27,10 (957)
Exhaust gas flow (max) with max allowable back pressure	cu m /min (cfm) mm (inch) H2O	59,60 (2105) 500 (19,7)	70,20 (2479) 500 (19,7)

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.

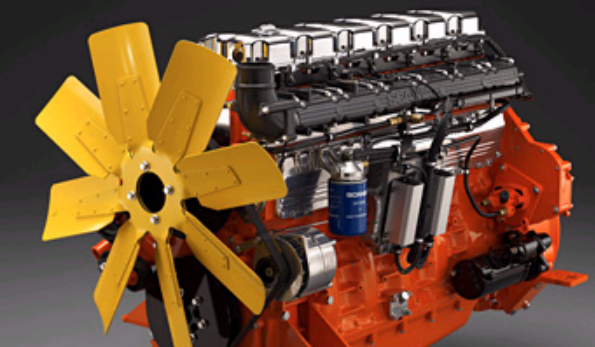
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kVA
350,0-418,0

MF DN3-MF400

Diesel (Water cooled), Compact, Three Phase
350,0-418,0 kVA



Genset photograph may include optional extras

Dimensions:

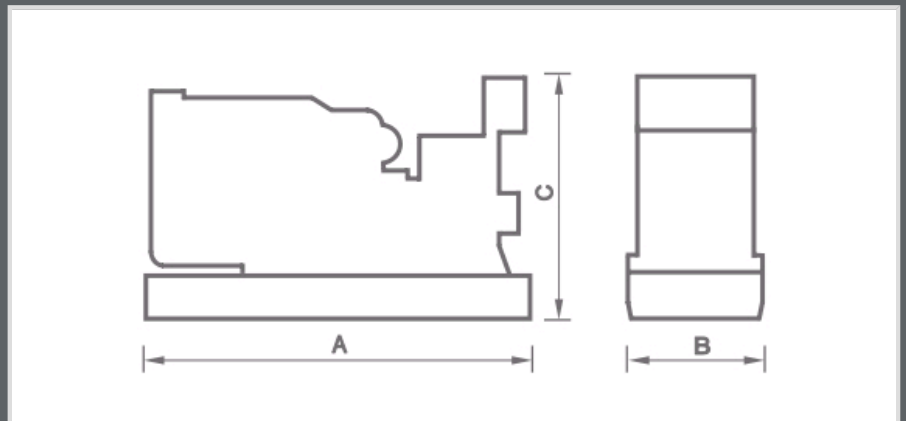
Length (A)	mm (inch)	3490 (137,4)
Width (B)	mm (inch)	1214 (47,8)
Height (C)	mm (inch)	2025 (79,7)
Max longitudinal projection (D)	mm (inch)	N/A (N/A)
Max width projection per side (E)	mm (inch)	N/A (N/A)
Maximum height total (F)	mm (inch)	N/A (N/A)

Weights:

Dry weight (with lube oil)	kg (lb)	3045 (6713)
Wet weight (with lube oil and coolant)	kg (lb)	3095 (6823)

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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DN3-MF400 20090730

VISION INNOVATION LEADERSHIP QUALITY RELIABILITY SUPPORT PRIDE COMMITMENT



MASSEY FERGUSON

kVA
400,0-443,8

MF DN3-MF440

Diesel (Water cooled), Compact, Three Phase
400,0-443,8 kVA



Genset photograph may include optional extras

	Prime	Standby
Genset model	DN3-MF440P	DN3-MF440S
400V, 50Hz	400,0 kVA 320,0 kW	440,0 kVA 352,0 kW
440V, 60Hz	406,2 kVA 325,0 kW	443,8 kVA 355,0 kW

Ratings at 0,8pf

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	Scania	DC 12-59A (spec 10-33A)	
Number of cylinders		6 in-line	
Cubic capacity	litre (cu inch)	11,70 (714)	
Aspiration		Turbocharged	
Alternator	Newage	Stamford	
Frequency	Hz	50	60
Engine speed	rpm	1500	1800
Fuel tank capacity	litre (USgal)	820 (216,6)	820 (216,6)
Fuel consumption at full rating: Prime			
Standby	litre /h (USgal /h)	82,40 (21,77) 96,00 (25,36)	88,70 (23,43) 96,00 (25,36)
Heat rejection to exhaust system (max)	kW (BTU /min)	296,0 (16847)	298,0 (16961)
Heat rejection to cooling system (max)	kW (BTU /min)	229,0 (13034)	230,0 (13090)
Total radiated heat (max)	kW (BTU /min)	36,0 (2049)	35,0 (1992)
Exhaust temperature (max)	deg C (deg F)	537 (999)	489 (912)
Radiator cooling air flow with max restriction	cu m /min (cfm) mm (inch) H2O	540,0 (19070) 20,0 (0,8)	933,0 (32949) 20,0 (0,8)
Combustion air flow (max)	cu m /min (cfm)	25,40 (897)	28,80 (1017)
Exhaust gas flow (max) with max allowable back pressure	cu m /min (cfm) mm (inch) H2O	70,00 (2472) 500 (19,7)	75,60 (2670) 500 (19,7)

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
400,0-443,8

MF DN3-MF440

Diesel (Water cooled), Compact, Three Phase
400,0-443,8 kVA



Genset photograph may include optional extras

Dimensions:

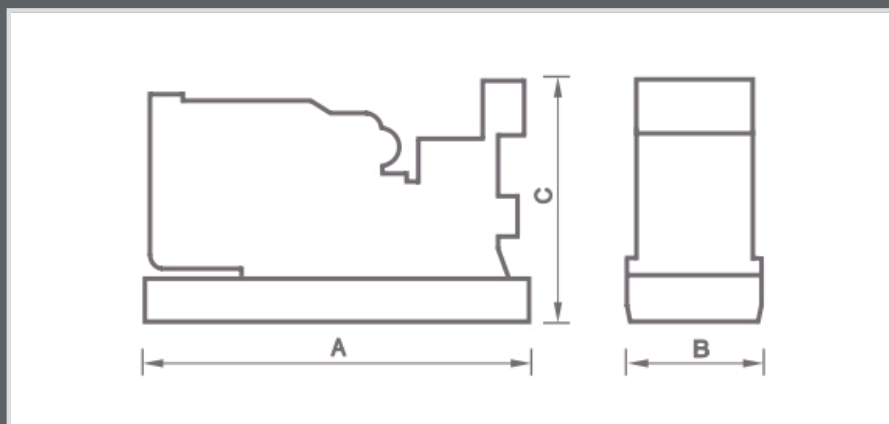
Length (A)	mm (inch)	3490 (137,4)
Width (B)	mm (inch)	1214 (47,8)
Height (C)	mm (inch)	2025 (79,7)
Max longitudinal projection (D)	mm (inch)	N/A (N/A)
Max width projection per side (E)	mm (inch)	N/A (N/A)
Maximum height total (F)	mm (inch)	N/A (N/A)

Weights:

Dry weight (with lube oil)	kg (lb)	3045 (6713)
Wet weight (with lube oil and coolant)	kg (lb)	3095 (6823)

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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DN3-MF440 20090730

VISION INNOVATION LEADERSHIP QUALITY RELIABILITY SUPPORT PRIDE COMMITMENT



MASSEY FERGUSON

kVA
400,0-443,8

MF DN3-MF450

Diesel (Water cooled), Compact, Three Phase
400,0-443,8 kVA



Genset photograph may include optional extras

	Prime	Standby
Genset model	DN3-MF450P	DN3-MF450S
400V, 50Hz	400,0 kVA 320,0 kW	450,0 kVA 360,0 kW
440V, 60Hz	406,2 kVA 325,0 kW	443,8 kVA 355,0 kW

Ratings at 0,8pf

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	Scania	DC 12-59A (spec 10-33A)	
Number of cylinders		6 in-line	
Cubic capacity	litre (cu inch)	11,70 (714)	
Aspiration		Turbocharged	
Alternator	Newage	Stamford	
Frequency	Hz	50	60
Engine speed	rpm	1500	1800
Fuel tank capacity	litre (USgal)	820 (216,6)	820 (216,6)
Fuel consumption at full rating: Prime			
Standby	litre /h (USgal /h)	82,40 (21,77) 96,00 (25,36)	88,70 (23,43) 96,00 (25,36)
Heat rejection to exhaust system (max)	kW (BTU /min)	296,0 (16847)	298,0 (16961)
Heat rejection to cooling system (max)	kW (BTU /min)	229,0 (13034)	230,0 (13090)
Total radiated heat (max)	kW (BTU /min)	36,0 (2049)	35,0 (1992)
Exhaust temperature (max)	deg C (deg F)	537 (999)	489 (912)
Radiator cooling air flow with max restriction	cu m /min (cfm) mm (inch) H2O	540,0 (19070) 20,0 (0,8)	933,0 (32949) 20,0 (0,8)
Combustion air flow (max)	cu m /min (cfm)	25,40 (897)	28,80 (1017)
Exhaust gas flow (max) with max allowable back pressure	cu m /min (cfm) mm (inch) H2O	70,00 (2472) 500 (19,7)	75,60 (2670) 500 (19,7)

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
400,0-443,8

MF DN3-MF450

Diesel (Water cooled), Compact, Three Phase
400,0-443,8 kVA



Genset photograph may include optional extras

Dimensions:

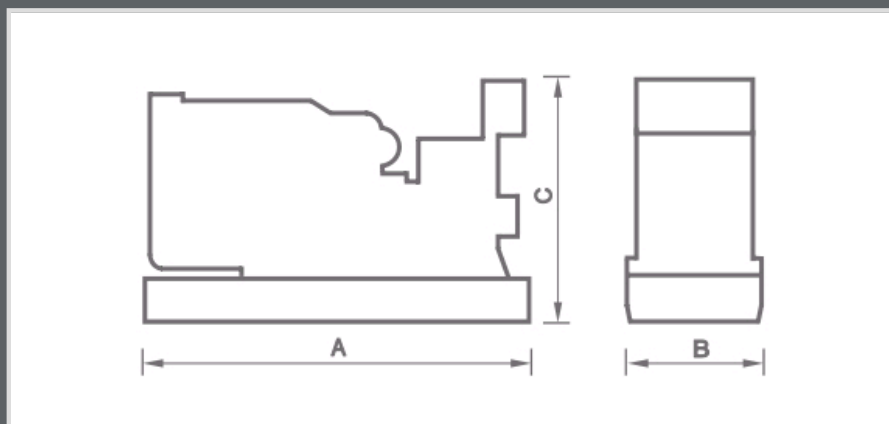
Length (A)	mm (inch)	3490 (137,4)
Width (B)	mm (inch)	1214 (47,8)
Height (C)	mm (inch)	2025 (79,7)
Max longitudinal projection (D)	mm (inch)	N/A (N/A)
Max width projection per side (E)	mm (inch)	N/A (N/A)
Maximum height total (F)	mm (inch)	N/A (N/A)

Weights:

Dry weight (with lube oil)	kg (lb)	3045 (6713)
Wet weight (with lube oil and coolant)	kg (lb)	3095 (6823)

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



Massey Ferguson Generators
1 Charlestown Drive, Craigavon, BT63 5GA, Northern Ireland, United Kingdom
Tel: +44 (0)28 3835 6000 Fax: +44 (0)28 3836 1010
Web: www.masseyferguson.com Email: sales@mfgen.co.uk

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DN3-MF450 20090730

VISION INNOVATION LEADERSHIP QUALITY RELIABILITY SUPPORT PRIDE COMMITMENT



MASSEY FERGUSON

kVA
450,0-500,0

MF DN3-MF500

Diesel (Water cooled), Compact, Three Phase
450,0-500,0 kVA



Genset photograph may include optional extras

	Prime	Standby
Genset model	DN3-MF500P	DN3-MF500S
400V, 50Hz	450,0 kVA 360,0 kW	500,0 kVA 400,0 kW
440V, 60Hz	450,0 kVA 360,0 kW	500,0 kVA 400,0 kW

Ratings at 0,8pf

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	Scania	DC 12-59A (spec 10-34A)	DC 12-52A (spec 10-30A)
Number of cylinders		6 in-line	6 in-line
Cubic capacity	litre (cu inch)	11,70 (714)	11,70 (714)
Aspiration		Turbocharged	Turbocharged
Alternator	Newage	Stamford	Stamford
Frequency	Hz	50	60
Engine speed	rpm	1500	1800
Fuel tank capacity	litre (USgal)	820 (216,6)	820 (216,6)
Fuel consumption at full rating: Prime Standby	litre /h (USgal /h)	94,40 (24,94) 102,30 (27,03)	94,30 (24,91) 103,70 (27,40)
Heat rejection to exhaust system (max)	kW (BTU /min)	307,0 (17473)	307,0 (17473)
Heat rejection to cooling system (max)	kW (BTU /min)	174,0 (9903)	174,0 (9903)
Total radiated heat (max)	kW (BTU /min)	39,0 (2220)	38,0 (2163)
Exhaust temperature (max)	deg C (deg F)	578 (1072)	494 (921)
Radiator cooling air flow with max restriction	cu m /min (cfm) mm (inch) H2O	540,0 (19070) 20,0 (0,8)	933,0 (32949) 20,0 (0,8)
Combustion air flow (max)	cu m /min (cfm)	26,70 (943)	28,30 (999)
Exhaust gas flow (max) with max allowable back pressure	cu m /min (cfm) mm (inch) H2O	72,40 (2557) 500 (19,7)	76,80 (2712) 500 (19,7)

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
450,0-500,0

MF DN3-MF500

Diesel (Water cooled), Compact, Three Phase
450,0-500,0 kVA



Genset photograph may include optional extras

Dimensions:

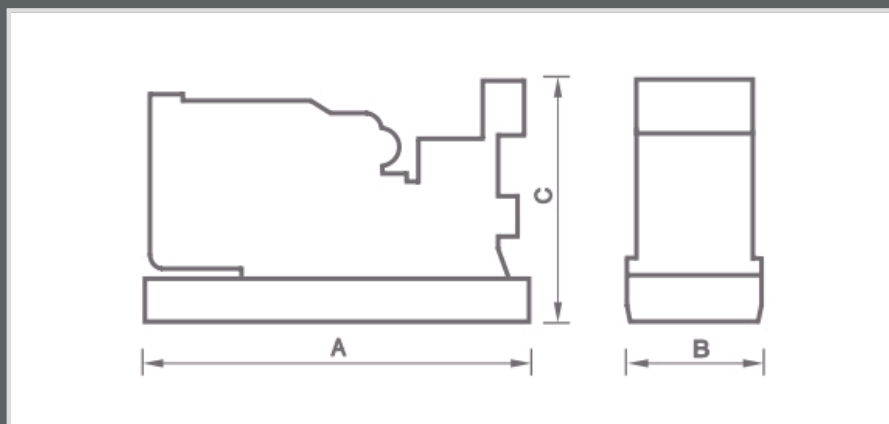
Length (A)	mm (inch)	3600 (141,7)
Width (B)	mm (inch)	1214 (47,8)
Height (C)	mm (inch)	2025 (79,7)
Max longitudinal projection (D)	mm (inch)	N/A (N/A)
Max width projection per side (E)	mm (inch)	N/A (N/A)
Maximum height total (F)	mm (inch)	N/A (N/A)

Weights:

Dry weight (with lube oil)	kg (lb)	3720 (8201)
Wet weight (with lube oil and coolant)	kg (lb)	3780 (8333)

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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1 Charlestown Drive, Craigavon, BT63 5GA, Northern Ireland, United Kingdom
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DN3-MF500 20090730

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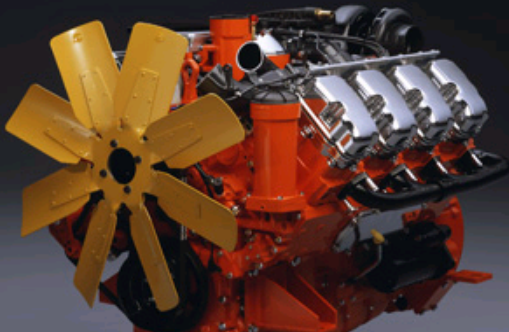


MASSEY FERGUSON

kVA
500,0-550,0

MF DN3-MF550

Diesel (Water cooled), Compact, Three Phase
500,0-550,0 kVA



Genset photograph may include optional extras

	Prime	Standby
Genset model	DN3-MF550P	DN3-MF550S
400V, 50Hz	500,0 kVA 400,0 kW	550,0 kVA 440,0 kW
440V, 60Hz	500,0 kVA 400,0 kW	550,0 kVA 440,0 kW

Ratings at 0,8pf

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	Scania	DC16-45A (spec 10-26)	
Number of cylinders		V8	
Cubic capacity	litre (cu inch)	15,60 (952)	
Aspiration		Turbocharged	
Alternator	Newage	Stamford	
Frequency	Hz	50	60
Engine speed	rpm	1500	1800
Fuel tank capacity	litre (USgal)	820 (216,6)	820 (216,6)
Fuel consumption at full rating: Prime			
Standby	litre /h (USgal /h)	100,30 (26,50) 111,70 (29,51)	100,60 (26,58) 113,10 (29,88)
Heat rejection to exhaust system (max)	kW (BTU /min)	338,0 (19237)	339,0 (19294)
Heat rejection to cooling system (max)	kW (BTU /min)	290,0 (16505)	302,0 (17188)
Total radiated heat (max)	kW (BTU /min)	41,0 (2334)	38,0 (2163)
Exhaust temperature (max)	deg C (deg F)	484 (903)	431 (808)
Radiator cooling air flow with max restriction	cu m /min (cfm) mm (inch) H2O	588,0 (20765) 20,0 (0,8)	1016,0 (35880) 20,0 (0,8)
Combustion air flow (max)	cu m /min (cfm)	33,10 (1169)	38,10 (1346)
Exhaust gas flow (max) with max allowable back pressure	cu m /min (cfm) mm (inch) H2O	87,20 (3079) 500 (19,7)	100,00 (3532) 500 (19,7)

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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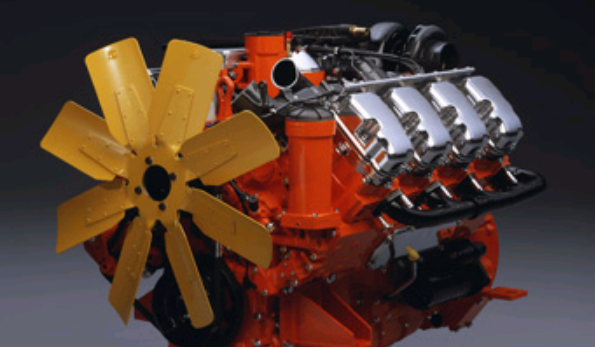


MASSEY FERGUSON

kVA
500,0-550,0

MF DN3-MF550

Diesel (Water cooled), Compact, Three Phase
500,0-550,0 kVA



Genset photograph may include optional extras

Dimensions:

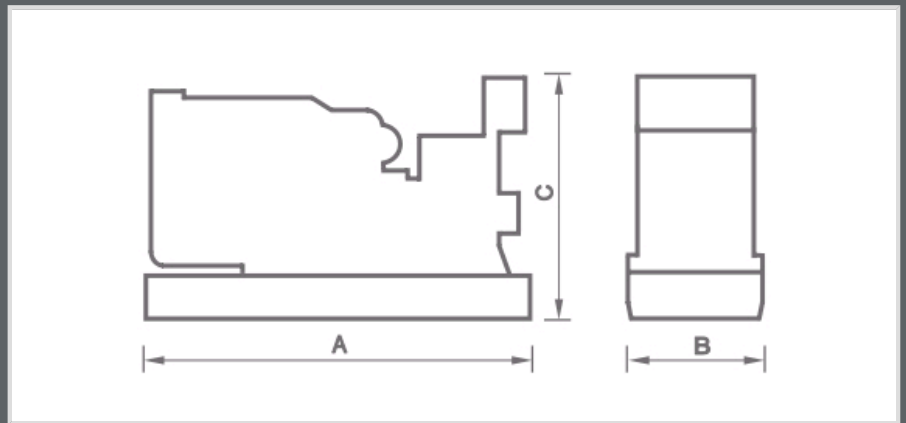
Length (A)	mm (inch)	3710 (146,1)
Width (B)	mm (inch)	1167 (45,9)
Height (C)	mm (inch)	2113 (83,2)
Max longitudinal projection (D)	mm (inch)	N/A (N/A)
Max width projection per side (E)	mm (inch)	N/A (N/A)
Maximum height total (F)	mm (inch)	N/A (N/A)

Weights:

Dry weight (with lube oil)	kg (lb)	3720 (8201)
Wet weight (with lube oil and coolant)	kg (lb)	3780 (8333)

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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1 Charlestown Drive, Craigavon, BT63 5GA, Northern Ireland, United Kingdom
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DN3-MF550 20090730

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kVA
550,0-593,8

MF DN3-MF600

Diesel (Water cooled), Compact, Three Phase
550,0-593,8 kVA



Genset photograph may include optional extras

	Prime	Standby
Genset model	DN3-MF600P	DN3-MF600S
400V, 50Hz	550,0 kVA 440,0 kW	600,0 kVA 480,0 kW
440V, 60Hz	537,5 kVA 430,0 kW	593,8 kVA 475,0 kW

Ratings at 0,8pf

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	Scania	DC16-44A (spec 10-27)	
Number of cylinders		V8	
Cubic capacity	litre (cu inch)	15,60 (952)	
Aspiration		Turbocharged	
Alternator	Newage	Stamford	
Frequency	Hz	50	60
Engine speed	rpm	1500	1800
Fuel tank capacity	litre (USgal)	820 (216,6)	820 (216,6)
Fuel consumption at full rating: Prime			
Standby	litre /h (USgal /h)	110,30 (29,14) 120,60 (31,86)	110,90 (29,30) 120,60 (31,86)
Heat rejection to exhaust system (max)	kW (BTU /min)	382,0 (21742)	376,0 (21400)
Heat rejection to cooling system (max)	kW (BTU /min)	196,0 (11155)	197,0 (11212)
Total radiated heat (max)	kW (BTU /min)	43,0 (2447)	40,0 (2277)
Exhaust temperature (max)	deg C (deg F)	530 (986)	471 (880)
Radiator cooling air flow with max restriction	cu m /min (cfm) mm (inch) H2O	588,0 (20765) 20,0 (0,8)	510,0 (18011) 20,0 (0,8)
Combustion air flow (max)	cu m /min (cfm)	33,30 (1176)	38,30 (1353)
Exhaust gas flow (max) with max allowable back pressure	cu m /min (cfm) mm (inch) H2O	92,10 (3253) 500 (19,7)	105,30 (3719) 500 (19,7)

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
550,0-593,8

MF DN3-MF600

Diesel (Water cooled), Compact, Three Phase
550,0-593,8 kVA



Genset photograph may include optional extras

Dimensions:

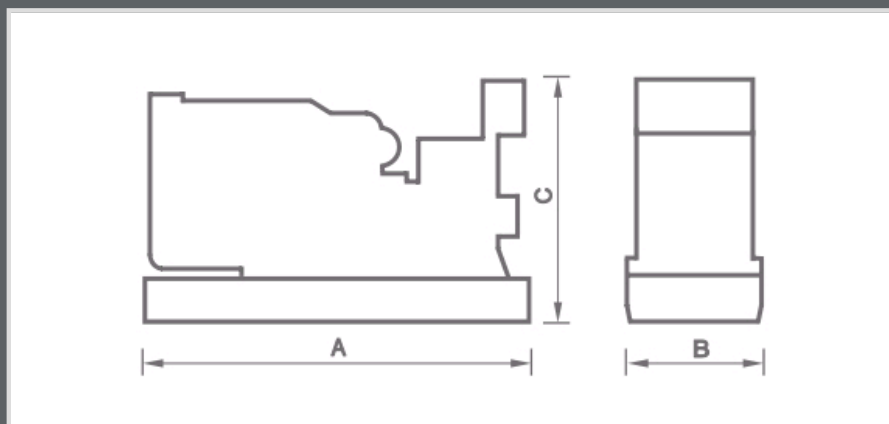
Length (A)	mm (inch)	3710 (146,1)
Width (B)	mm (inch)	1167 (45,9)
Height (C)	mm (inch)	2113 (83,2)
Max longitudinal projection (D)	mm (inch)	N/A (N/A)
Max width projection per side (E)	mm (inch)	N/A (N/A)
Maximum height total (F)	mm (inch)	N/A (N/A)

Weights:

Dry weight (with lube oil)	kg (lb)	3720 (8201)
Wet weight (with lube oil and coolant)	kg (lb)	3780 (8333)

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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Tel: +44 (0)28 3835 6000 Fax: +44 (0)28 3836 1010
Web: www.masseyferguson.com Email: sales@mfgen.co.uk

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