

# 9 Series

715kVA – 3340kVA



Diesel generating sets worldwide



Please Note: Above photos may not relate directly to accompanying datasheet model

# DN3-AJ3340-9M-SAA Diesel (Water cooled), Compact, Three Phase

	Prime	Standby
Genset Model	DN3-AJ3340P	DN3-AJ3340S
380V, 50Hz	3030kVA (2424kW)	3336kVA (2669kW)
400V, 50Hz	3030kVA (2424kW)	3339kVA (2671kW)
415V, 50Hz	3027kVA (2422kW)	3339kVA (2671kW)



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.

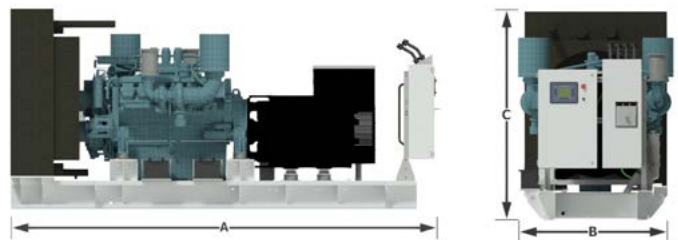
**Standby:** This rating is for the supply of continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted.

Engine	MTU	20V4000G63L
Number of cylinders		20
Cubic capacity	litre (cu inch)	95.4
Aspiration		Turbocharged
Alternator	European	Stamford
Frequency	Hz	50
Engine Speed	rpm	1500
Fuel tank capacity (standard)	litre (USgal)	N/A
Fuel consumption at full rating:		
110%	litre / h	650.5
100%	litre / h	591.1
75%	litre / h	464.3
50%	litre / h	307.0
Heat rejection to exhaust system (max)	KW (BTU / min)	2061 (117302)
Heat rejection to cooling system (max)	KW (BTU / min)	1550 (88218)
Total radiated heat (max)	KW (BTU / min)	105 (5976)
Exhaust temperature (max)	deg C (deg F)	560 (1040)
Radiator cooling air flow with max restriction	cu m / min (cfm)	2256 (79671)
	mm (inch) H <sub>2</sub> O	20 (0.8)
Combustion air flow (max)	cu m / min (cfm)	198 (6992)
Exhaust gas flow (max) with max allowable back pressure	cu m / min (cfm)	528(18646)
	mm (inch) H <sub>2</sub> O	866 (34.1)

Note: Standard reference conditions: 25deg C (77deg F) air inlet temperature, 152.4, (500 feet) 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. TBA - To be advised. N/A - Not applicable.

## Dimensions:

Length (A) including circuit breaker	mm	8363
Length (A) excluding circuit breaker	mm	6860
Width (B)	mm	2450
Height (C)	mm	3084



## Weights:

Dry weight (with lube oil)	kg	21044
Wet weight (with lube oil and coolant)	kg	21600

## Sound Pressure levels:

Not Applicable	dB(A)	N/A
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In line with our policy of continuous development, we reserve the right to change specification without notice. We have made every effort to provide accurate information. However we are not responsible for errors or omissions.

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