

MAN V35/44G TS



Bore 350 mm, Stroke 440 mm

20V

Engine speed	rpm	750	720
Engine Power	kW	12,800	12,280
Frequency	Hz	50	60
Electr. GenSet power	kW	12,500	11,997

Electr. GenSet heat rate at 100% load

SC (TA-Luft)	kJ/kWh	7,284	7,284
Electrical Efficiency	%	49.4	49.4
Combined cycle (TA-Luft)	kJ/kWh	7,506	7,506
Electrical Efficiency	%	48	48
CHP (TA-Luft)	kJ/kWh	7,599	7,599
Electrical Efficiency	%	47.4	47.4

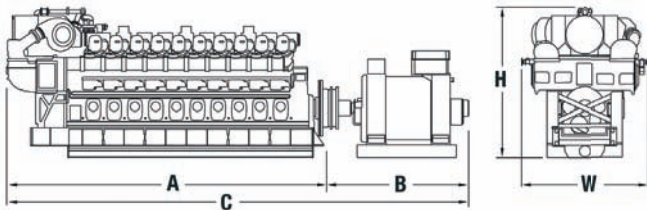
Nominal generator efficiency: 97.7%, Methane no. ≥ 80 ; without pumps; 5% tolerance

Lube oil consumption	kg/h	4.2-4.4	4.2-4.4
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Specific lube oil consumption 0.35g/kWh, tolerance: +20%

GenSet dimensions

A	mm	11,549	11,549
B	mm	4,710	4,710
C	mm	16,259	16,259
W	mm	4,925	4,925
H	mm	5,200	5,200
Dry mass	t	200	200



Note: The above dimension: only reference.

The final dimensions are determined by the type of generator.



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SOAR

Engine cycle: four-stroke

Turbocharging system: constant pressure

Number of cylinders, V-engine: 20

Bore : 350mm

Stroke: 440 mm

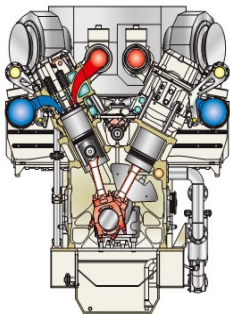
Cylinder output (MCR)

at 750 rpm, 50 Hz: 640 kW

at 720 rpm, 60 Hz: 614 kW

Cylinder cooling: Fresh water

Starting method: Compressed air



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