MAN V35/44G

Bore 350 mm, Stroke 440 mm			20V
Engine speed	rpm	750	720
Engine Power	kW	10,600	10,200
Frequency	Hz	50	60
Electr. GenSet power	kW	10,335	9,945

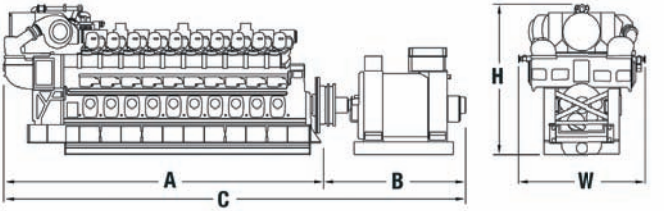
Electr. GenSet heat rate at 100% load			
SC (TA-Luft)	kJ/kWh	7,436	7,436
Electrical Efficiency	%	48.4	48.4
Combined cycle (TA-Luft)	kJ/kWh	7,554	7,554
Electrical Efficiency	%	47.7	47.7
CHP (TA-Luft)	kJ/kWh	7,508	7,508
Electrical Efficiency	%	47.9	47.9

Nominal generator eficiency: 97.5%, Methane no. ≥ 80; without pumps; 5% tolerance

Lube oil consumption	kg/h	3.7	3.7

Specific lube oil consumption 0.35g/kWh, tolerance: +20%

GenSet dimensions			
A	mm	9,564	9,564
B	mm	4,592	4,592
C	mm	14,156	14,156
W	mm	4,448	4,448
H	mm	4,500	4,500
Dry mass	t	145	145



Note: The above dimension: only reference.
The final dimensions are determined by the type of generator.

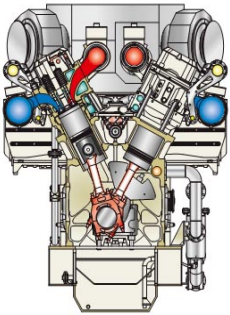
MAN V35/44G

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: 530 kW
at 720 rpm, 60 Hz: 510 kW

Cylinder cooling: Fresh water
Starting method: Compressed air



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