

# MNWX150 BG/E Motor BB6GN

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## Gas Engine Technical Data

Principle:	4-stroke Otto gas engine
No. of cylinders:	6 -cylinder in L-form
Engine cooling:	coolant be to circulated by engine water pump
Lubrication:	Pressure lubrication by gear-drive pump, with oil filter and lube oil cooler.
Spark plugs:	Special spark plug for industrial gas engines
Starter motor:	24V - 6kW
Battery capacity:	180 Ah, 24V

## Gas-Motor BB6GN MNWY150 BG/EG

ENGINE DATA		50HZ
Dated speed	rpm	1500
ISO standard power	kW	180
Configuration		L-engine
No. of cylinders		6
Bore	mm	112
Stroke	mm	132
Displacement	L	7.8
Direction of rotation looking on flywheel		counter clockwise
Flywheel housing		SAE 2 <sup>f</sup>
No. of teeth	Z	108
Compression ratio	$\epsilon$	11
Mean effective pressure	bar	9.2
Mean piston speed	m/s	6.6
Lube oil consumption	g/kWh	$\leq 0.2$
Lube oil filling quantity min./max	L	25/22
Lube oil temperature	°C	$\leq 120$
Coolant filling quantity	L	23
max. operating pressure	bar	99
Water flow rate of the water pump (@1500 rpm)	L/min	298
min/max. suction pressure (GAS)	mbar	40/60
max. exhaust back pressure	mbar	50
Engine width	mm	1271
Engine length	mm	799
Engine height	mm	1034
Engine weight, dry	kg	730