

GX100RT-KR-AM-SD

Technical Documentation



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MODEL GX100 SPECIFICATIONS

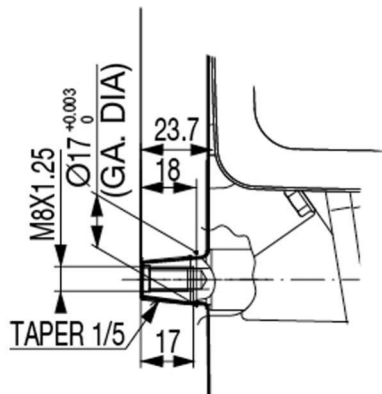
Engine type	4-stroke single cylinder OHC petrol engine horizontal shaft
Cylinder sleeve type	Cast iron sleeve
Bore x Stroke	56 x 40 mm
Displacement	98 cm ³
Compression ratio	8.5 : 1
Net power	2.1 kW (2.8 HP) / 3600 rpm
Cont. rated power	1.7 kW (2.3 HP) / 3600 rpm
Max. net torque	5.7 Nm (0.58 kgfm) / 3600 rpm
Starter	Recoil
Ignition system	Transistorised
Fuel cons. at cont. rated power	0.88 L/h - 3600 rpm
Engine oil capacity	0.4 Liter
Dimensions (L x W x H)	254 x 316 x 290 mm
Lubrication system	Forced splash
Recommended oil	APISJ-SAE 10W30
Ignition system	Ignition coil with fixed timing, Shut off by connecting the primary coil to ground
Fuel system	Membrane carburator
Governor	Mechanical centrifugal
Allowed ambient temperature	Between -15°C and +40°C
Allowed altitude	Between 0 and 1500 m, above 1500 m replace the main jet
Maximum inclination	Maximum 20° in every direction
PTO shaft rotation	Counterclockwise from PTO side

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Shaft type	K
Shaft diameter	17 mm tapered
Shaft thread	Int M8 x 1,25
PTO key type	No
PTO type	Tapered short
Choke type	Lever
Throttle control	Remote cable
Start/stop switch	Yes
Air cleaner	No
Carburetor	Diaphragm
Fuel tank	No
Flange type	No flange
Oil alert	No
Fan cover	Steel fan cover/recoil
Muffler	PTO side exhaust
Deflector kit	No
Spark arrestor	No
Supplied loose	Wrench
RPM	4500 +/-150
EU Exhaust	Yes
US EPA Exhaust	Yes
US EPA Evaporative	No
CARB Exhaust	Yes
CARB Evaporative	No
China Exhaust	No
Australia RCM	Yes
Non Certified	No

ILLUSTRATIONS GX100RT-KR-AM-SD

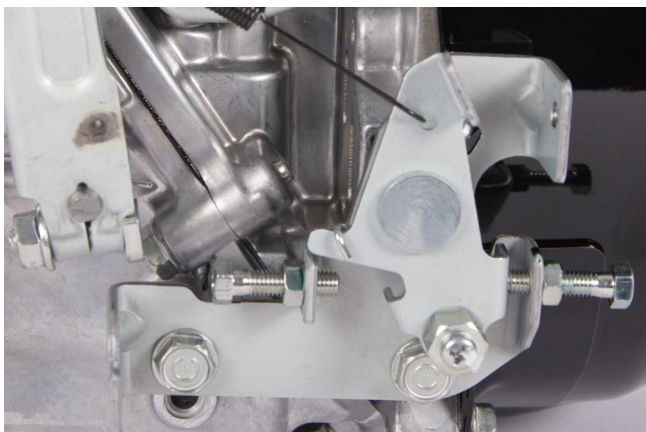
Shaft type



Choke type



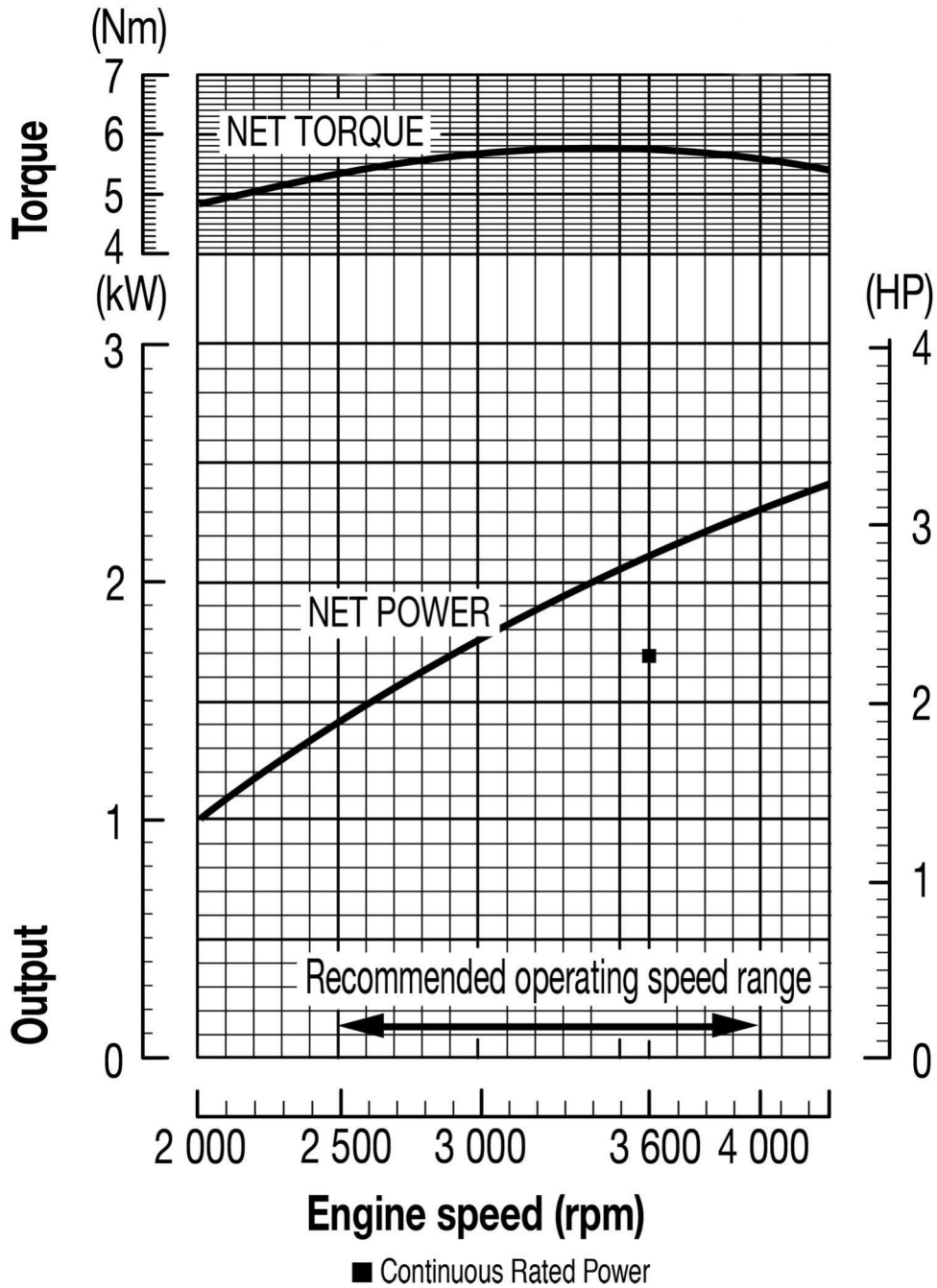
Throttle control



Start/stop switch

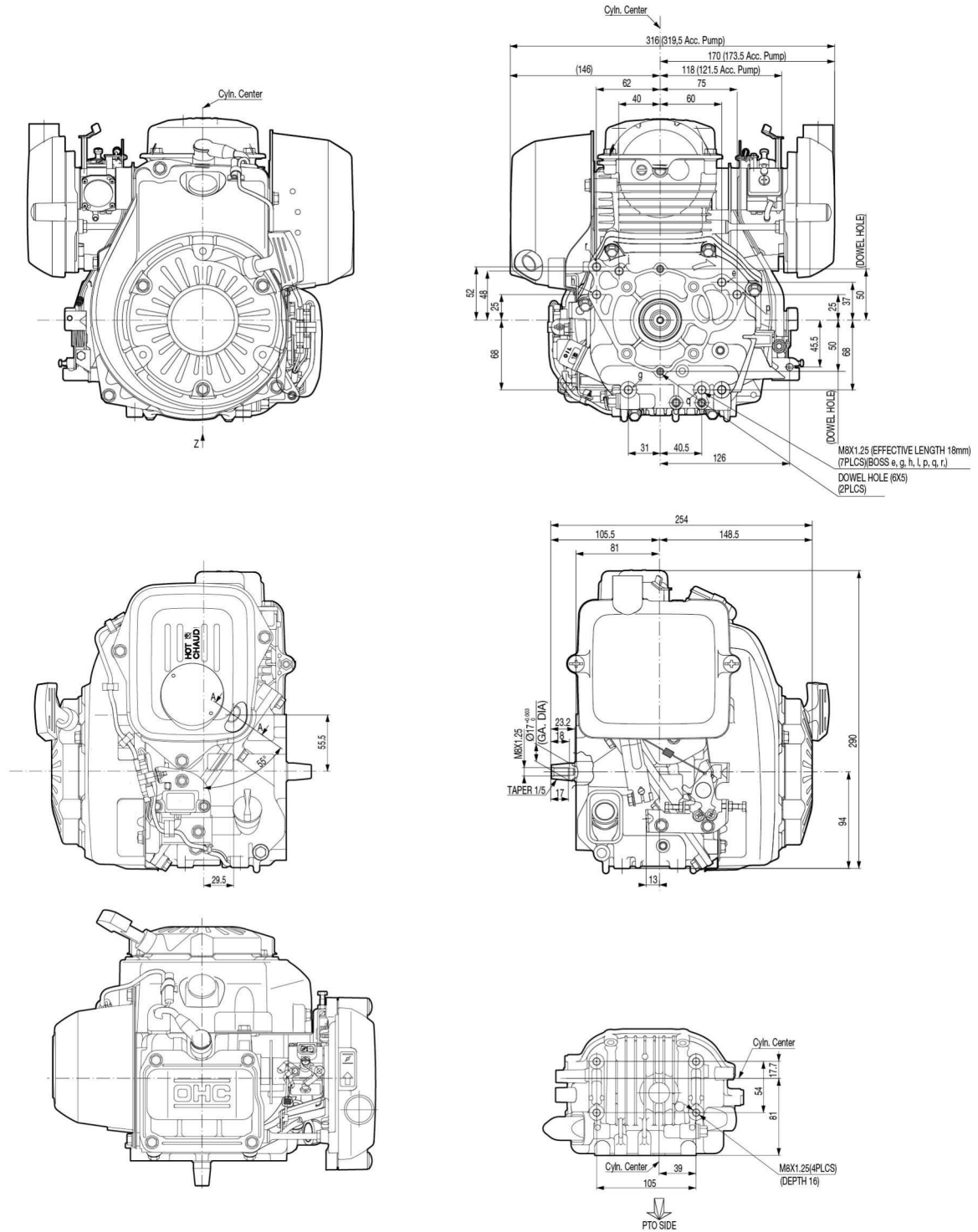


POWER CURVE GX100



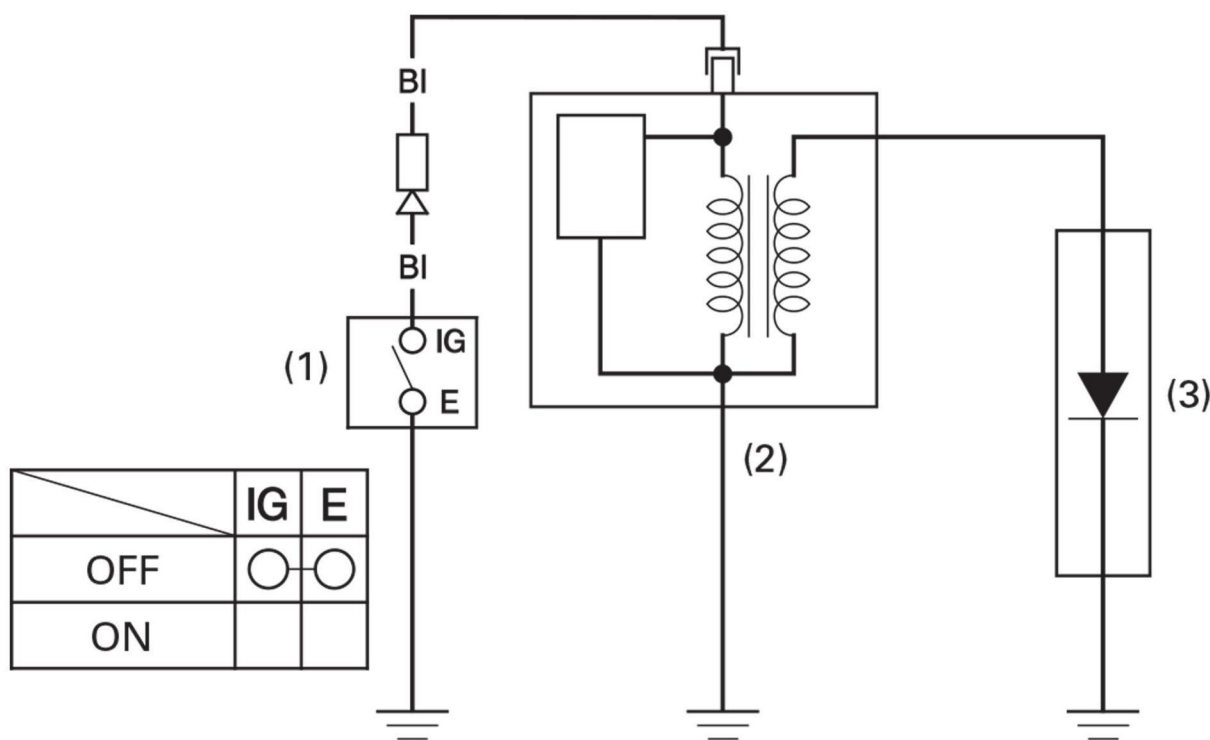
The power rating of the engine indicated in this document is the net power tested on a production engine for the engine model and measured in accordance with SAE J1349 at a specific rpm. Mass production engines may vary from this value. Actual power output for the engine installed in the final machine will vary depending on numerous factors, including the operation speed of the engine in application, environmental conditions, maintenance, and other variables.

TECHNICAL DRAWING GX100



These technical drawings are the standard drawings, depending on the specifications of the engine the dimensions can deviate from the standard dimensions.

WIRING DIAGRAM GX100



- (1) ENGINE SWITCH
- (2) IGNITION COIL
- (3) SPARK PLUG

- (4) OIL ALERT UNIT
- (5) OIL LEVEL SWITCH

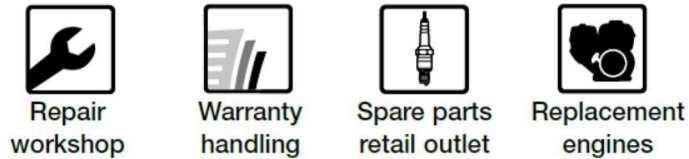
BI	Black	Br	Brown
Y	Yellow	O	Orange
Bu	Blue	Lb	Light blue
G	Green	Lg	Light green
R	Red	P	Pink
W	White	Gr	Gray

The standard wiring diagram is included in this document. Depending on the specifications of the engine the wiring diagram can deviate from the standard one.



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Warranty period for GX100

Non-commercial use	36 months
Commercial use	36 months
Karting	3 months



These warranty conditions are valid for following countries:

Austria, Belgium, Croatia, Cyprus, the Czech Republic, Denmark, Finland, France, Germany, Gibraltar, Greece, Hungary, Iceland, Ireland, Italy, Luxemburg, the Netherlands, Norway, Poland, Portugal, Slovakia, Spain, Sweden, Switzerland, Bulgaria, Latvia, Estonia, Lithuania, Malta, Romania, Slovenia, the Canary Islands, the UK, Turkey, Russia and Macedonia.

Other warranty conditions for Belarus and Serbia.

For countries, which are not listed, please consult with the European Engine Centre after sales service department in order to check the availability of a Honda distributor and the applied warranty conditions.

The invoice of the machine must be used to prove the date of purchase.

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