

GX390UT2X-VZ-X7-OH

Technical Documentation



Published on 19.10.2021

MODEL iGX 390 SPECIFICATIONS

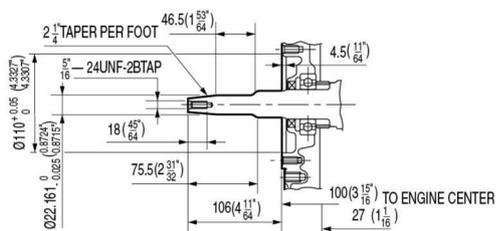
| | |
|---------------------------------|--|
| Engine type | 4-stroke single cylinder OHV petrol engine 25° inclined cylinder horizontal shaft |
| Cylinder sleeve type | Cast iron sleeve |
| Bore x Stroke | 88 x 64 mm |
| Displacement | 389 cm ³ |
| Compression ratio | 8.2 : 1 |
| Net power | 8.7 kW (11.7 HP) / 3600 rpm |
| Cont. rated power | 6.4 kW (8.6 HP) / 3000 rpm 7.0 kW (9.4 HP) / 3600 rpm |
| Max. net torque | 26.5 Nm (2.7 kgfm) / 2500 rpm |
| Fuel tank capacity | 6.1 Liter |
| Fuel cons. at cont. rated power | 3.5 L/h - 3600 rpm |
| Engine oil capacity | 1.1 Liter |
| Dimensions (L x W x H) | 409 x 484 x 448 mm |
| Dry weight | 37.0 kg |
| Lubrication system | Forced splash |
| Recommended oil | APISJ-SAE 10W30 |
| Ignition system | Digital ignition coil with variable timing, Shut off by open circuit |
| Fuel system | Float carburetor |
| Governor | Electric system STR |
| 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 |

GX390UT2X-VZ-X7-OH SPECIFICATIONS

| | |
|--------------------|---|
| Shaft type | V |
| Shaft diameter | Tap 2 1/4"/ft |
| Shaft thread | Int 5/16-24 UNF |
| PTO key type | No |
| Choke type | Auto choke |
| Throttle control | Autothrottle |
| Air cleaner | Silent |
| Oil alert | Yes |
| Electric starter | Yes |
| Charge coil | 0.9 A |
| Lamp coil | No |
| Control box | Yes |
| Reduction | No |
| Muffler | Silent |
| Fuel filter | No |
| Deflector kit | No |
| Spark arrestor | No |
| Tools assy | No |
| Washer&bolt kit | No |
| Supplied loose | None |
| RPM | Igx 2300 3000 2500 3600 |
| EU Exhaust | Yes |
| US EPA Exhaust | Yes |
| US EPA Evaporative | Yes |
| CARB Exhaust | No **US EPA approved engines can be used in California if the application is pre-empted |
| CARB Evaporative | No **US EPA approved engines can be used in California if the application is pre-empted |
| China Exhaust | No |
| Australia RCM | Yes |
| Non Certified | No |
| Remark | Igx |

ILLUSTRATIONS GX390UT2X-VZ-X7-OH

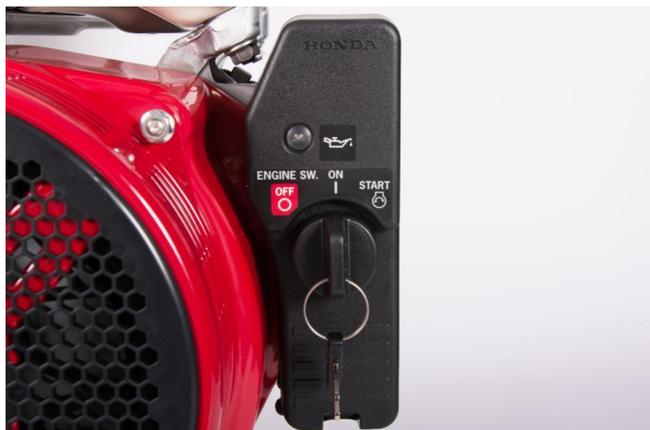
Shaft type



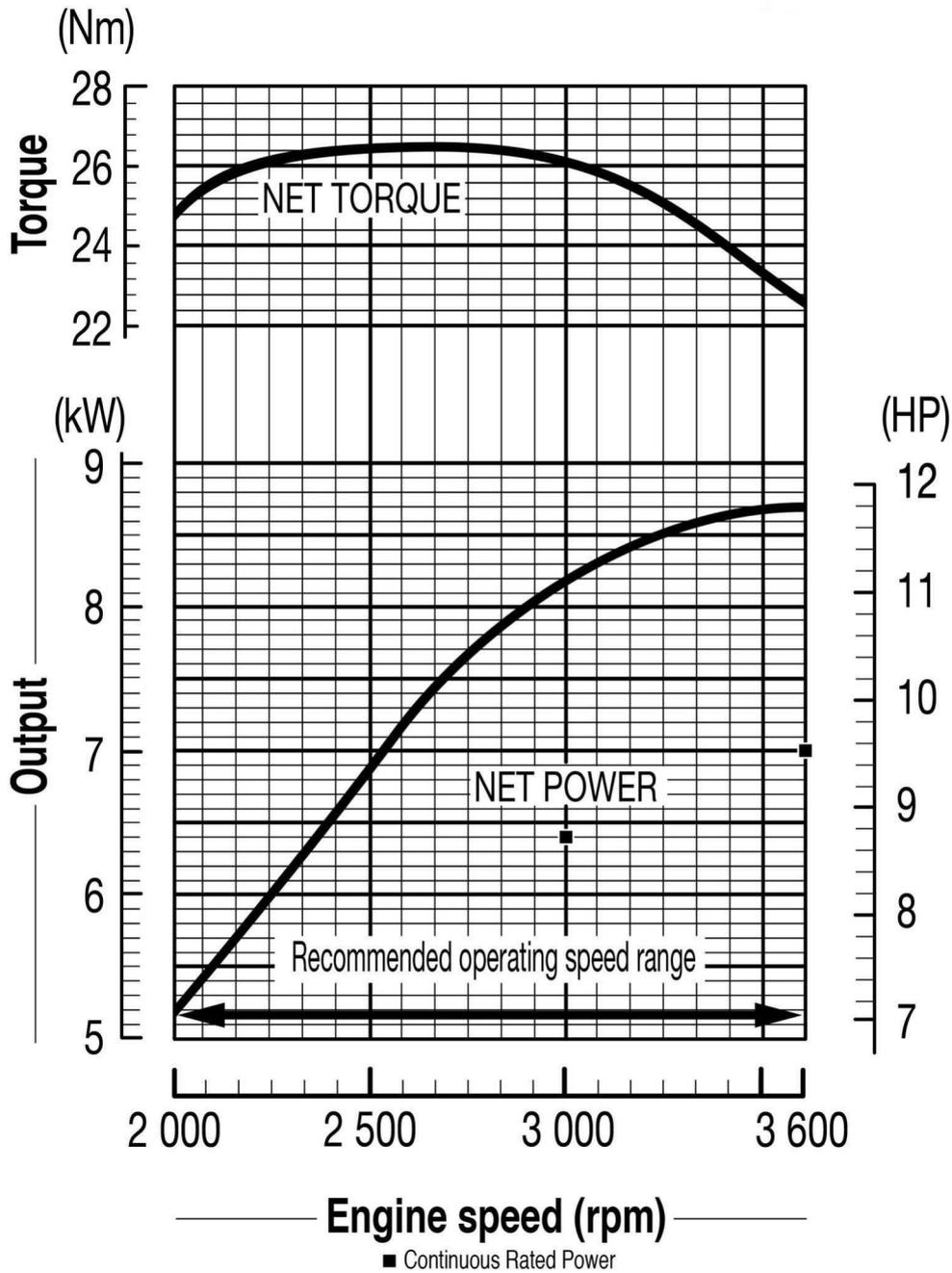
Air cleaner



Start / stop

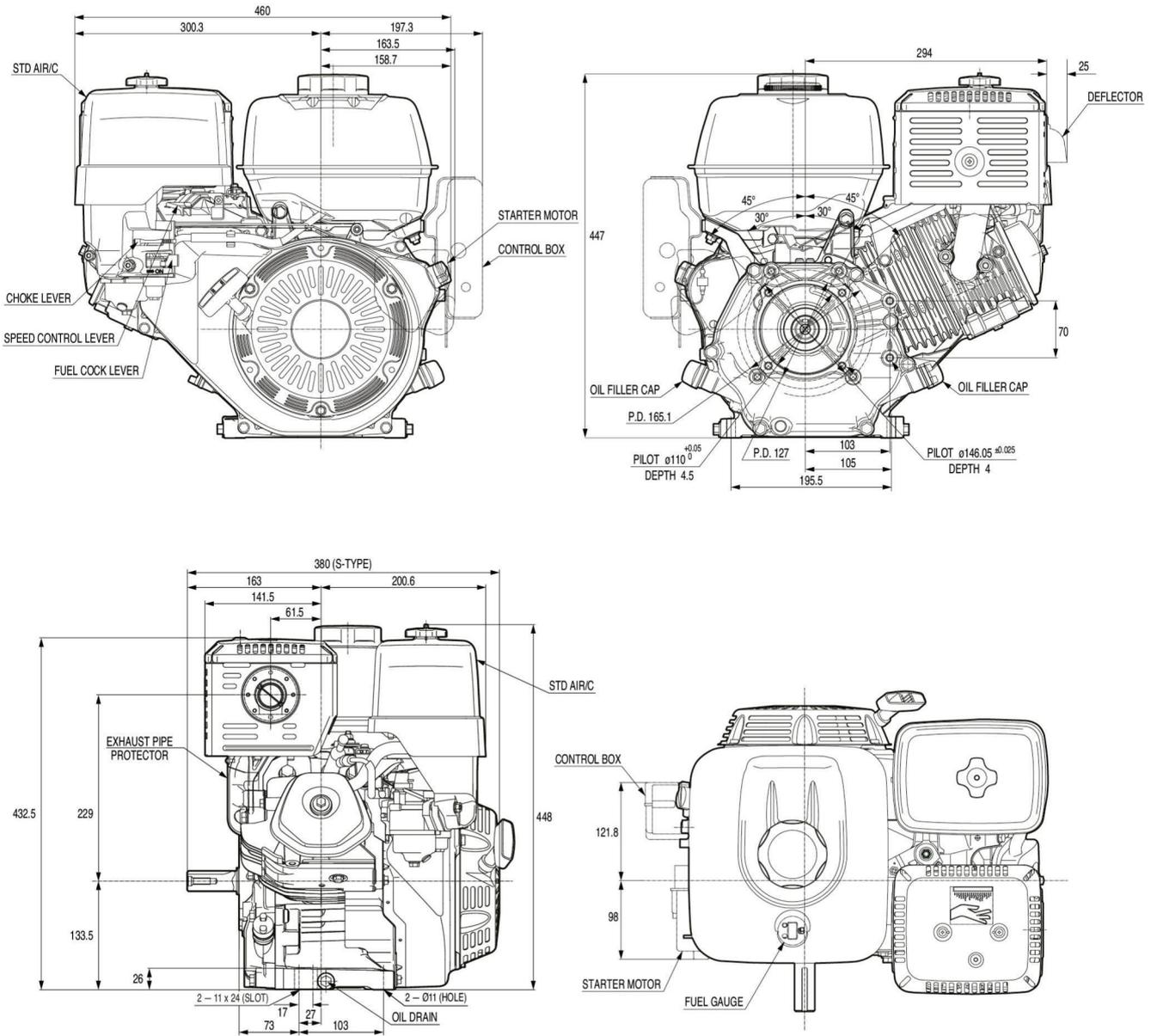


POWER CURVE GX390



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 GX390



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



At your service ...

Over 700 Honda Engine Specialists all over Europe for maintenance and repair of your Honda engine offering:



Repair workshop



Warranty handling



Spare parts retail outlet



Replacement engines

Visit our website www.honda-engines-eu.com and find your local Honda Engine Specialist, the correct spare parts for your engine at the online spare parts catalogue, and much more information on the Honda engines.

Warranty period for GX390

| | |
|--------------------|-----------|
| 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.

All content of this document (text, pictures, images, graphs, etc) is owned by Honda and its affiliates, and is protected by copyright law. It is prohibited to copy, modify, reproduce, distribute, sell or publish the material for commercial use or gain without Honda's written permission. Honda reserves the right to modify the content without any prior notice. All efforts are made to keep the information up-to-date and accurate. The images in the document are the real images of the specific engine unless mentioned otherwise. Honda is not responsible for any damage caused to third parties through the incorrect or incomplete use, direct or indirect, of information from this document. The accessories included in the document are not supplied with the engine and need to be ordered separately.