

# GX 390

*Horizontal shaft gasoline (petrol) engine*



*Moteur à essence à arbre de prise de force horizontal*

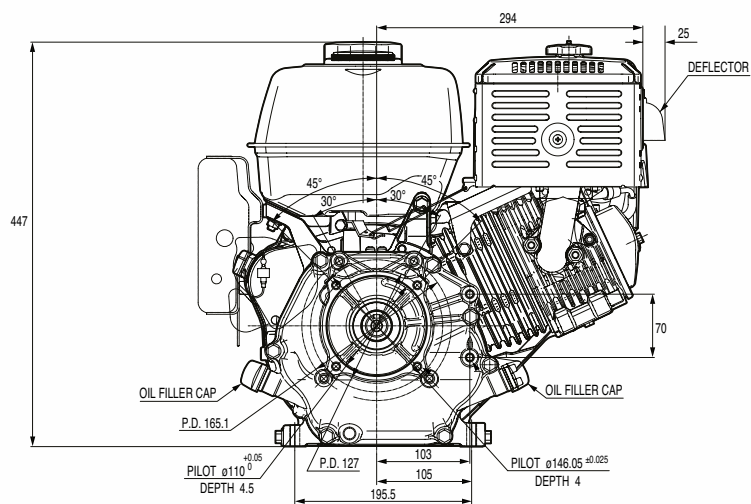
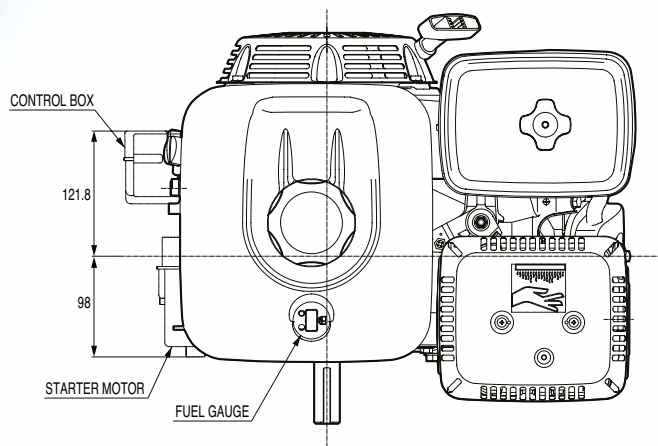
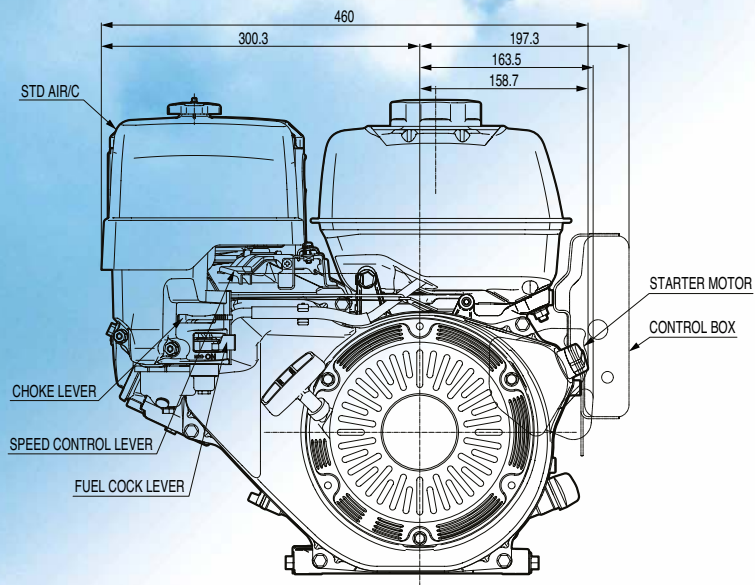
*Benzinmotor mit horizontaler Kurbelwelle*

*Motore a benzina ad albero orizzontale*

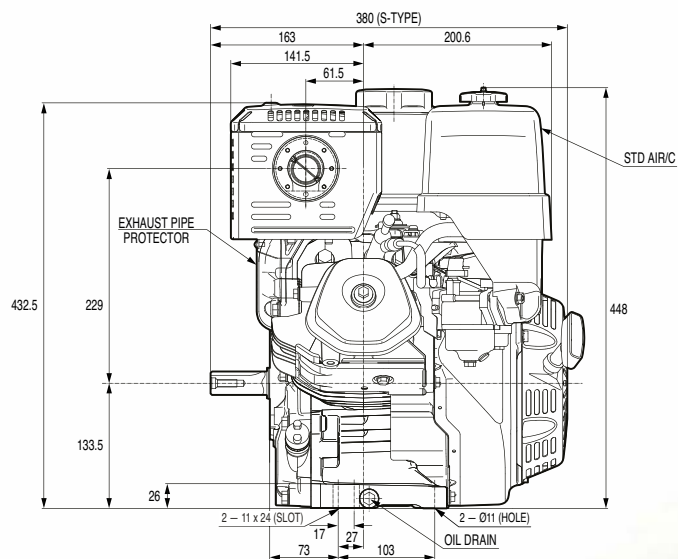
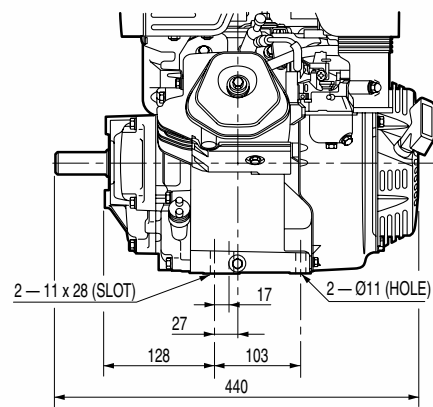
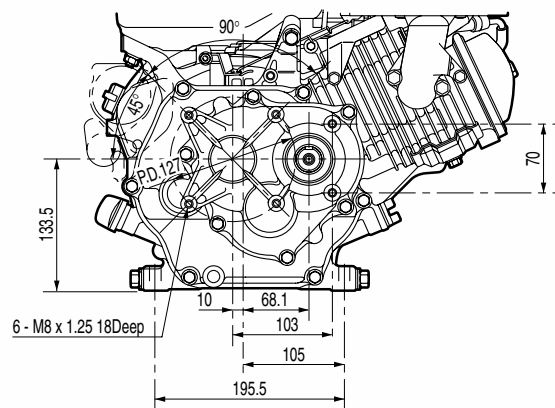
*Bensinmotor med horisontell axel*

*Benzinmotor met horizontale uitgaande as*

# GX 390



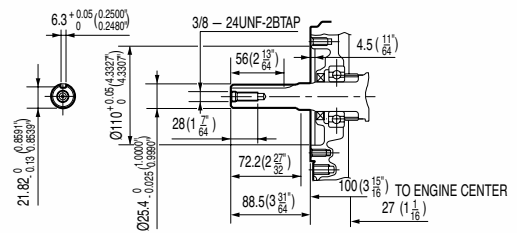
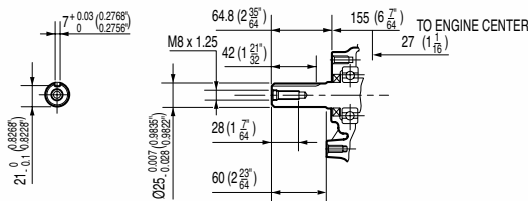
## REDUCTION TYPES



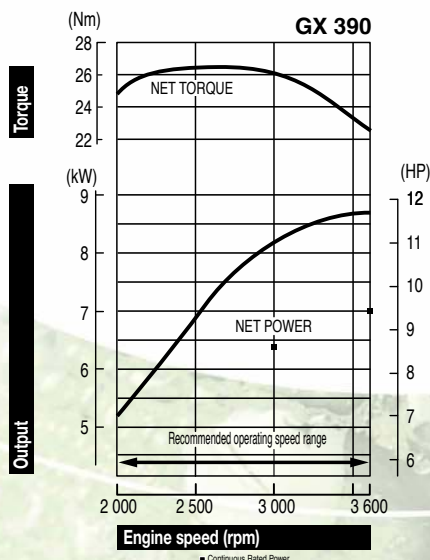
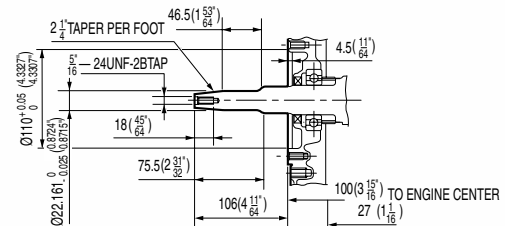
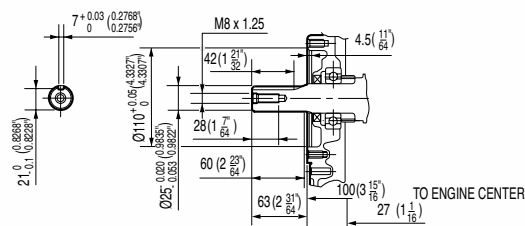
## Dimensions Unit: mm (in.)

### STANDARD TYPE

### PTO SHAFT DIMENSIONS



|        |        |
|--------|--------|
| L-TYPE | Q-TYPE |
| S-TYPE | V-TYPE |



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 specified 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 operating speed of the engine in application, environmental conditions, maintenance, and other variables.

La puissance du moteur indiquée dans ce document est une puissance nette obtenue par l'essai d'un moteur de série selon la norme SAE J 1349 à une vitesse de rotation donnée. La puissance d'un autre moteur de production peut être différente de cette valeur indiquée. La puissance réelle d'un moteur installé sur une machine dépendra de différents facteurs comme la vitesse de rotation, les conditions de température, d'humidité, de pression atmosphérique, de maintenance et autres.

Die Leistungsangabe der in diesem Dokument aufgeführten Motoren ist die Netto-Leistung gemäß SAE J1349, getestet bei einer definierten Drehzahl an einem Produktionsmotor. Bei Motoren aus Serienproduktion kann der Wert abweichen. Die Leistungsabgabe in einem Fertigerät weicht, bedingt durch unterschiedliche Faktoren, wie Motordrehzahl in der Applikation, Umwelteinflüsse, Grad der Instandhaltung und andere Einflüsse ab.

La potenza indicata in questo documento, è la potenza netta rilevata su questo modello di motore in fase di produzione, ed è stata misurata secondo la procedura SAE J1349 ad un numero di giri specifico. Nella produzione di massa si possono riscontrare variazioni rispetto a questi valori. La potenza del motore installato nella macchina può dipendere da numerosi fattori, incluso il numero di giri al quale il motore è impiegato, le condizioni ambientali, dal livello di manutenzione ed altre variabili.

De bepaling van het vermogen van de motor, vermeld in dit document, is het netto vermogen getest op een productiemotor en gemeten in overeenstemming met SAE J1349 aan een specifieke t/min. Motoren van massaproductie kunnen van deze waarde variëren. Het werkelijke vermogen van de geïnstalleerde motor in het eindproduct kan afwijken, afhankelijk van talrijke factoren, zoals de operationele snelheid van de motor in een applicatie, omgevingsfactoren, onderhoud en andere variabelen.

Den i detta dokument nämnda motors effekt, är uppmätt i netto effekt. I enlighet med mätmetoden SAE J1349. Massproducerade motorer kan avvika från nämnda värde. Den faktiska effekten för varje motor kan variera beroende på bl a. varvtal, yttre omgivningar, underhåll, typ av applikation, mm.

# Specifications

| Model                           | GX 390                                                                                           |
|---------------------------------|--------------------------------------------------------------------------------------------------|
| Engine type                     | Air cooled 4-stroke OHV petrol engine, 25° inclined cylinder, horizontal shaft, cast iron sleeve |
| Bore x stroke                   | 88 x 64 mm                                                                                       |
| Displacement                    | 389 cm <sup>3</sup>                                                                              |
| Compression ratio               | 8.2 : 1                                                                                          |
| Net power                       | 8.7 kW (11.7 HP) / 3 600 rpm                                                                     |
| Cont. rated power               | 6.4 kW (8.6 HP) / 3 000 rpm<br>7.0 kW (9.4 HP) / 3 600 rpm                                       |
| Max. net torque                 | 26.5 Nm / 2.7 kgfm / 2 500 rpm                                                                   |
| Ignition system                 | Digital CDI with variable ignition timing                                                        |
| Starting system                 | Recoil starter (electric start optional)                                                         |
| Fuel tank capacity              | 6.1 l                                                                                            |
| Fuel cons. at cont. rated power | 3.5 L/hr - 3 600 rpm                                                                             |
| Engine oil capacity             | 1.1 l                                                                                            |
| Dimensions (L x W x H)          | 406 x 460 x 448 mm                                                                               |
| Dry weight                      | 31,7 kg                                                                                          |

# Spécifications techniques

| Modèle                                       | GX 390                                                                                                                                        |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Type du moteur                               | Moteur à essence monocylindre 4 temps OHV, refroidissement à air, cyl. incliné 25°, arbre de prise de force horizontal, cyl. chemisé en fonte |
| Alésage x course                             | 88 x 64 mm                                                                                                                                    |
| Cylindrée                                    | 389 cm <sup>3</sup>                                                                                                                           |
| Taux de compression                          | 8.2 : 1                                                                                                                                       |
| Puissance nette                              | 8.7 kW (11.7 HP) / 3 600 tr/mn                                                                                                                |
| Puissance en service continu                 | 6.4 kW (8.6 HP) / 3 000 tr/mn<br>7.0 kW (9.4 HP) / 3 600 tr/mn                                                                                |
| Couple maximum                               | 26.5 Nm / 2.7 kgfm / 2 500 tr/mn                                                                                                              |
| Système d'allumage                           | CDI numérique avec allumage à avance variable                                                                                                 |
| Système de démarrage                         | Lanceur à rappel (démarreur électrique en option)                                                                                             |
| Cap. du réservoir d'ess.                     | 6.1 l                                                                                                                                         |
| Consommation de carburant en service continu | 3.5 litre(s)/heure - 3 600 tr/mn                                                                                                              |
| Capacité d'huile moteur                      | 1.1 l                                                                                                                                         |
| Dimensions (L x l x H)                       | 406 x 460 x 448 mm                                                                                                                            |
| Poids à sec                                  | 31,7 kg                                                                                                                                       |

# Spezifikationen

| Modell                            | GX 390                                                                                                               |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Motortyp                          | Luftgekühlter 1-Zylinder 4-Takt OHV Benzinmotor, um 25° geneigter Zylinder, horizontale Kurbelwelle, Gußeisen Buchse |
| Bohrung x Hub                     | 88 x 64 mm                                                                                                           |
| Hubraum                           | 389 cm <sup>3</sup>                                                                                                  |
| Verdichtung                       | 8.2 : 1                                                                                                              |
| Netto-Leistung                    | 8.7 kW (11.7 HP) / 3 600 min <sup>-1</sup>                                                                           |
| Max. Dauerleistung                | 6.4 kW (8.6 HP) / 3 000 min <sup>-1</sup><br>7.0 kW (9.4 HP) / 3 600 min <sup>-1</sup>                               |
| Max. Netto-Drehmoment             | 26.5 Nm / 2.7 kgfm / 2 500 min <sup>-1</sup>                                                                         |
| Zündsystem                        | Digitale CDI-Zündung mit variablem Zündzeitpunkt                                                                     |
| Starter                           | Seilzugstarter (Elektrostart Sonderausstattung)                                                                      |
| Tankinhalt                        | 6.1 Liter                                                                                                            |
| Benzinverbrauch bei Dauerleistung | 3.5 L/h - 3 600 min <sup>-1</sup>                                                                                    |
| Motorölkapazität                  | 1.1 Liter                                                                                                            |
| Maße (L x B x H)                  | 406 x 460 x 448 mm                                                                                                   |
| Trockengewicht                    | 31,7 kg                                                                                                              |

# Dati tecnici

| Tipo                                              | GX 390                                                                                                                                            |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Tipo di motore                                    | Motore monocilindrico OHV ad albero orizzontale, ciclo otto, 4 tempi, cilindro inclinato di 25° raffreddamento ad aria forzata, cilindri in ghisa |
| Alesaggio x corsa                                 | 88 x 64 mm                                                                                                                                        |
| Cilindrata                                        | 389 cm <sup>3</sup>                                                                                                                               |
| Rapporto di compressione                          | 8.2 : 1                                                                                                                                           |
| Potenza netta                                     | 8.7 kW (11.7 HP) / 3 600 giri/min                                                                                                                 |
| Potenza nominale continua                         | 6.4 kW (8.6 HP) / 3 000 giri/min<br>7.0 kW (9.4 HP) / 3 600 giri/min                                                                              |
| Coppia massima                                    | 26.5 Nm / 2.7 kgfm / 2 500 giri/min                                                                                                               |
| Accensione                                        | Digital CDI con anticipo accensione variabile                                                                                                     |
| Avviamento                                        | Autoavvolgente (elettrico opzionale)                                                                                                              |
| Capacità serbatoio                                | 6.1 Litri                                                                                                                                         |
| Consumo di combustibile alla potenza continuativa | 3.5 Litri/ora - 3 600 giri/min                                                                                                                    |
| Capacità coppa olio                               | 1.1 Litri                                                                                                                                         |
| Dimensioni (Lu x La x A)                          | 406 x 460 x 448 mm                                                                                                                                |
| Peso a secco                                      | 31,7 kg                                                                                                                                           |

# Specifications

| Model                                         | GX 390                                                                                                          |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Motortype                                     | Luchtgekoelde 4-takt OHV benzinemotor, 25° hellende cilinder, horizontale uitgaande as, gietijzeren cylinderbus |
| Boring x slag                                 | 88 x 64 mm                                                                                                      |
| Cilinderinhoud                                | 389 cm <sup>3</sup>                                                                                             |
| Compressie                                    | 8.2 : 1                                                                                                         |
| Netto vermogen                                | 8.7 kW (11.7 HP) / 3 600 t/min                                                                                  |
| Continu nominaal vermogen                     | 6.4 kW (8.6 HP) / 3 000 t/min<br>7.0 kW (9.4 HP) / 3 600 t/min                                                  |
| Max. netto koppel                             | 26.5 Nm / 2.7 kgfm / 2 500 t/min                                                                                |
| Ontsteking                                    | Digitale CDI met variabel ontstekingsstijdstip                                                                  |
| Startsysteem                                  | Repeteerstarter (electrische start optioneel)                                                                   |
| Tankinhoud                                    | 6.1 Liter                                                                                                       |
| Brandstofverbruik aan cont. nominaal vermogen | 3.5 l/u - 3 600 t/min                                                                                           |
| Motoroliecapaciteit                           | 1.1 Liter                                                                                                       |
| Afmetingen (L x B x H)                        | 406 x 460 x 448 mm                                                                                              |
| Drooggewicht                                  | 31,7 kg                                                                                                         |

# Spezifikationen

| Modell                                         | GX 390                                                                                                                  |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Motortyp                                       | Luftkyld 4-takts bensinmotor med överliggande ventiler, 25° lutande cylinder, Horisontal axel, cylinderfoder i gjutjärn |
| Cylinderdiameter x slaglängd                   | 88 x 64 mm                                                                                                              |
| Slagvolym                                      | 389 cm <sup>3</sup>                                                                                                     |
| Kompressionsförhållande                        | 8.2 : 1                                                                                                                 |
| Netto effekt                                   | 8.7 kW (11.7 HP) / 3 600 varv per minut                                                                                 |
| Rek. kontinuerlig effekt                       | 6.4 kW (8.6 HP) / 3 000 varv per minut<br>7.0 kW (9.4 HP) / 3 600 varv per minut                                        |
| Max. netto vridmoment                          | 26.5 Nm / 2.7 kgfm / 2 500 varv per minut                                                                               |
| Tändsystem                                     | Digital CDI med variabel tändning                                                                                       |
| Startsystem                                    | Startapparat (elektrisk start som tillval)                                                                              |
| Tankvolym                                      | 6.1 Liter                                                                                                               |
| Bränsleförbrukning vid kontinuerlig märkeffekt | 3.5 L/tim - 3 600 varv per minut                                                                                        |
| Oljevolym                                      | 1.1 Liter                                                                                                               |
| Dimensioner (L x B x H)                        | 406 x 460 x 448 mm                                                                                                      |
| Torrvikt                                       | 31,7 kg                                                                                                                 |

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All specifications are subject to change without notice. Les caractéristiques techniques peuvent être modifiées à tout moment et sans préavis. Specificatienerna kan ändras utan föregående meddelande.

Le specifiche sono soggette a cambiamento senza preavviso. Die Spezifikationen können ohne Vorankündigung geändert werden. Alle technische specificaties kunnen op elk ogenblik en zonder kennisgeving gewijzigd worden.

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