

GX 690

Horizontal shaft gasoline (petrol) engine



Moteur à essence à arbre de prise de force horizontal

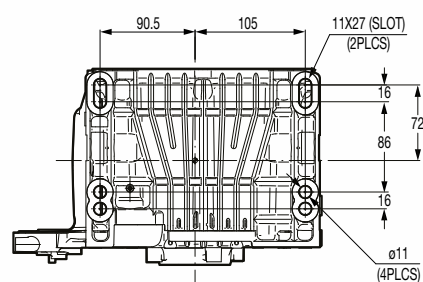
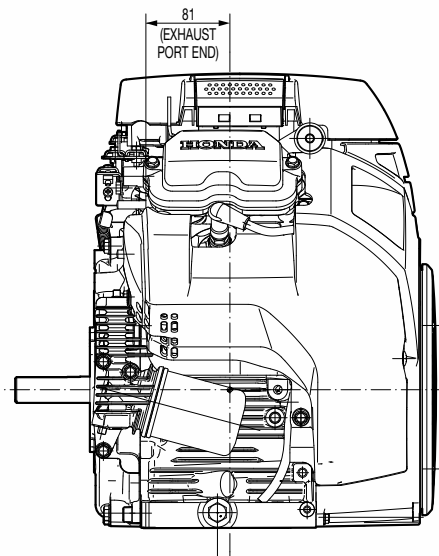
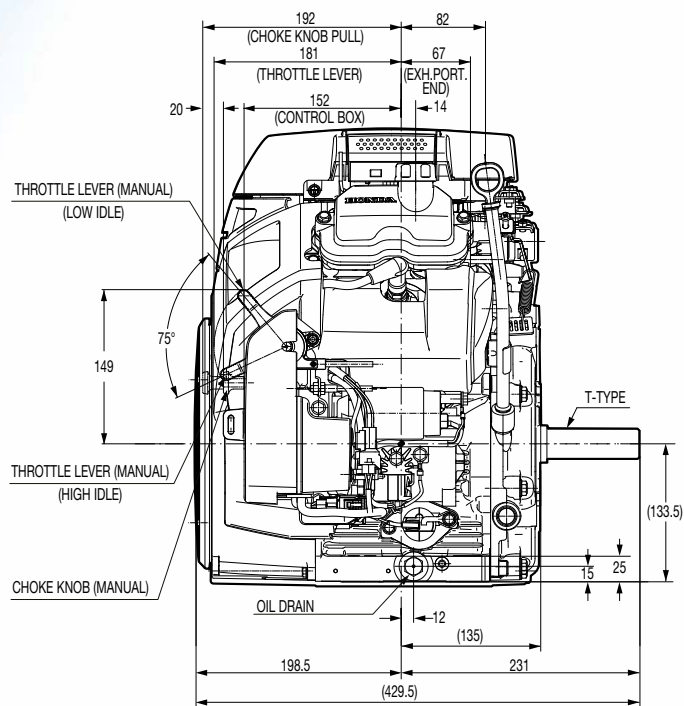
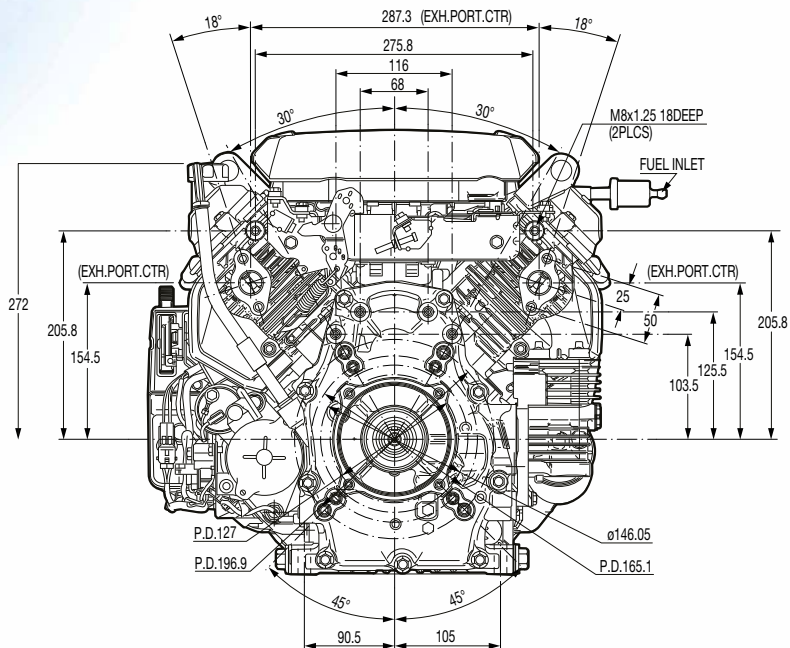
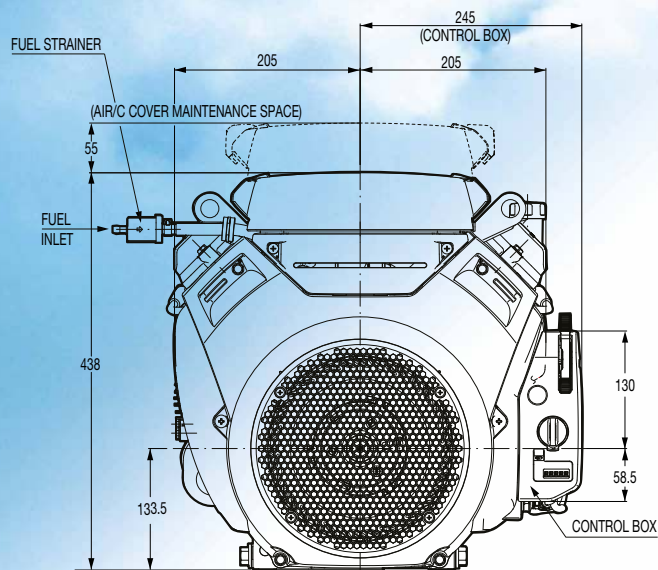
Benzinmotor mit horizontaler Kurbelwelle

Motore a benzina ad albero orizzontale

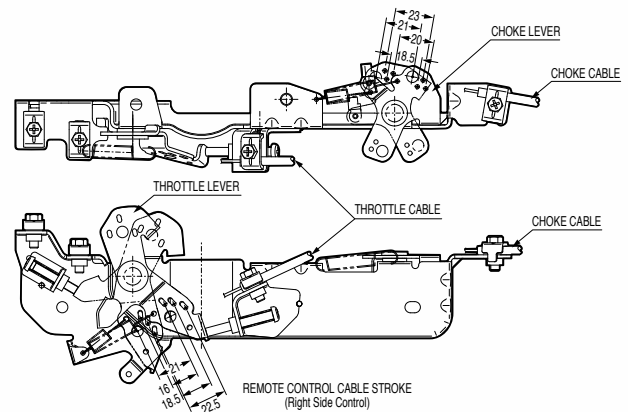
Bensinmotor med horisontell axel

Benzinemotor met horizontale uitgaande as

GX 690



STANDARD TYPE



B-TYPE

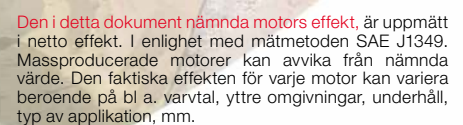
Technical drawing of the B-TYPE hydraulic cylinder. The side view shows a main body with a diameter of $\phi 110$ and a total length of 92. The piston rod has a diameter of $\phi 16.5$ and a length of 111.2. The end view shows a bore diameter of $\phi 36.5$ with a tolerance of -0.025 and a depth of 50. The cylinder is equipped with a 5/8-18UNF2B TAP and a 5/16-24UNF-2B TAP (4PLCS). The end view also shows a 3/8-16UNC-2B TAP (4PLCS) and a 7/16-14UNC-2B TAP (4PLCS). The end view dimensions include a bore diameter of $\phi 36.5$ with a tolerance of -0.025 , a depth of 50, and a total length of 92. The end view also shows a 5/8-18UNF2B TAP and a 5/16-24UNF-2B TAP (4PLCS). The end view dimensions include a bore diameter of $\phi 36.5$ with a tolerance of -0.025 , a depth of 50, and a total length of 92.

T-TYPE

Technical drawing of the T-TYPE hydraulic cylinder. The side view shows a main body with a diameter of $\phi 110$ and a total length of 70. The piston rod has a diameter of $\phi 11.5$ and a length of 90. The end view shows a bore diameter of $\phi 28.575$ with a tolerance of -0.025 and a depth of 49. The cylinder is equipped with a 7/16-20UNF2B TAP and a 5/16-24UNF-2B TAP (4PLCS). The end view also shows a 3/8-16UNC-2B TAP (4PLCS) and a 7/16-14UNC-2B TAP (4PLCS). The end view dimensions include a bore diameter of $\phi 28.575$ with a tolerance of -0.025 , a depth of 49, and a total length of 70. The end view also shows a 7/16-20UNF2B TAP and a 5/16-24UNF-2B TAP (4PLCS). The end view dimensions include a bore diameter of $\phi 28.575$ with a tolerance of -0.025 , a depth of 49, and a total length of 70.

V-TYPE

Technical drawing of the V-TYPE hydraulic cylinder. The side view shows a main body with a diameter of $\phi 110$ and a total length of 84.3. The piston rod has a diameter of $\phi 8.5$ and a length of 25. The end view shows a bore diameter of $\phi 35$ with a tolerance of -0.003 and a depth of 8.2. The cylinder is equipped with a 5/16-24UNF2B TAP and a 5/16-24UNF-2B TAP (4PLCS). The end view also shows a 3/8-16UNC-2B TAP (4PLCS) and a 7/16-14UNC-2B TAP (4PLCS). The end view dimensions include a bore diameter of $\phi 35$ with a tolerance of -0.003 , a depth of 8.2, and a total length of 84.3. The end view also shows a 5/16-24UNF2B TAP and a 5/16-24UNF-2B TAP (4PLCS). The end view dimensions include a bore diameter of $\phi 35$ with a tolerance of -0.003 , a depth of 8.2, and a total length of 84.3.



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Specifications

Model	GX 690
Engine type	Air cooled 4-stroke OHV petrol engine, 90° V-twin design, horizontal shaft
Bore x stroke	2 / 78 x 72 mm
Displacement	688 cm ³
Compression ratio	9.3 : 1
Net power	16.5 kW (22.1 HP) / 3 600 rpm
Cont. rated power	11.5 kW (15.4 HP) / 3 000 rpm 13.0 kW (17.4 HP) / 3 600 rpm
Max. net torque	48.3 Nm / 4.93 kgfm / 2 500 rpm
Ignition system	Digital CDI with variable ignition timing
Carburetor	2-barrel carburetor, fuel cut solenoid
Lubrication	Full-pressure
Starting system	Electric starter
Fuel cons. at cont. rated power	6.7 L/hr - 3 600 rpm
Engine oil capacity	1.9 l
Dimensions (L x W x H)	429 x 410 x 438 mm (T-Type)
Dry weight	44.6 kg

Spezifikationen

Modell	GX 690
Motortyp	Luftgekühlter 2-Zylinder 4-Takt OHV Benzinmotor, 90° V-Twin, horizontale Kurbelwelle
Bohrung x Hub	2 / 78 x 72 mm
Hubraum	688 cm ³
Verdichtung	9.3 : 1
Netto-Leistung	16.5 kW (22.1 HP) / 3 600 min ⁻¹
Max. Dauerleistung	11.5 kW (15.4 HP) / 3 000 min ⁻¹ 13.0 kW (17.4 HP) / 3 600 min ⁻¹
Max. Netto-Drehmoment	48.3 Nm / 4.93 kgfm / 2 500 min ⁻¹
Zündung	Digitale CDI-Zündung mit variabler Zündeneinstellung
Vergaser	Doppelvergaser, Magnetventil
Schmierung	Volldruck
Starter	Elektrostart
Benzinverbrauch bei Dauerleistung	6.7 L/h - 3 600 min ⁻¹
Motorölkapazität	1.9 Liter
Maße (L x B x H)	429 x 410 x 438 mm (T-Typ)
Trockengewicht	44.6 kg

Specificaties

Model	GX 690
Motortype	Luchtgekoelde 4-takt OHV benzinmotor, 90° v-twin, horizontale uitgaande as
Boring x slag	2 / 78 x 72 mm
Cilinderinhoud	688 cm ³
Compressie	9.3 : 1
Netto vermogen	16.5 kW (22.1 HP) / 3 600 t/min
Continu nominaal vermogen	11.5 kW (15.4 HP) / 3 000 t/min 13.0 kW (17.4 HP) / 3 600 t/min
Max. netto koppel	48.3 Nm / 4.93 kgfm / 2 500 t/min
Ontstekingssysteem	Digitale CDI met variabel ontstekingsstijdstip
Carburator	Dubbele carburator, brandstofafsluitende elektromagneet
Smering	Voldruk
Startsysteem	Electrische start
Brandstofverbruik aan cont. nominaal vermogen	6.7 l/u - 3 600 t/min
Motoroliecapaciteit	1.9 Liter
Afmetingen (L x B x H)	429 x 410 x 438 mm (T-Type)
Drooggewicht	44.6 kg

Spécifications techniques

Modèle	GX 690
Type du moteur	Moteur à essence bicylindre 4 temps OHV, refroidissement à air, cyl. en V à 90°, arbre de prise de force horizontal, cyl. chemisé en fonte
Alésage x course	2 / 78 x 72 mm
Cylindrée	688 cm ³
Taux de compression	9.3 : 1
Puissance nette	16.5 kW (22.1 HP) / 3 600 tr/mn
Puissance en service continu	11.5 kW (15.4 HP) / 3 000 tr/mn 13.0 kW (17.4 HP) / 3 600 tr/mn
Couple maximum	48.3 Nm / 4.93 kgfm / 2 500 tr/mn
Système d'allumage	Allumage digital CDI avec avance variable
Carburateur	Carburateur double corps avec électrovanne de coupure de carburant
Lubrication	Sous pression d'huile
Système de démarrage	Démarreur électrique
Consommation de carburant en service continu	6.7 litre(s)/heure - 3 600 tr/mn
Capacité d'huile moteur	1.9 l
Dimensions (L x l x H)	429 x 410 x 438 mm (Typ-T)
Poids à sec	44.6 kg

Dati tecnici

Tipo	GX 690
Tipo di motore	Motore bicilindrico OHV ad albero orizzontale ciclo otto, 4 tempi, cilindri disposti a V di 90° raffreddamento ad aria forzata
Alesaggio x corsa	2 / 78 x 72 mm
Cilindrata	688 cm ³
Rapporto di compressione	9.3 : 1
Potenza netta	16.5 kW (22.1 HP) / 3 600 giri/min
Potenza nominale continua	11.5 kW (15.4 HP) / 3 000 giri/min 13.0 kW (17.4 HP) / 3 600 giri/min
Coppia massima	48.3 Nm / 4.93 kgfm / 2 500 giri/min
Impianto di accensione	Digital CDI con anticipo accensione variabile
Carburatore	Carburatore a doppio corpo, solenoide interruzione erogazione carburante
Lubrificazione	Forzata
Avviamento	Elettrico
Consumo di combustibile alla potenza continuativa	6.7 Litri/ora - 3 600 giri/min
Capacità coppa olio	1.9 Litri
Dimensioni (Lu x La x A)	429 x 410 x 438 mm (T-Tipo)
Peso a secco	44.6 kg

Spekifikationer

Modell	GX 690
Motortyp	Luftkyld 4-takts bensinmotor med överliggande ventil, 90° V-twin design, Horizontal axel
Cylinderdiameter x slaglängd	2 / 78 x 72 mm
Slagvolym	688 cm ³
Kompressionsförhållande	9.3 : 1
Netto effekt	16.5 kW (22.1 HP) / 3 600 varv per minut
Rek. kontinuerlig effekt	11.5 kW (15.4 HP) / 3 000 varv per minut 13.0 kW (17.4 HP) / 3 600 varv per minut
Max. netto vridmoment	48.3 Nm / 4.93 kgfm / 2 500 varv per minut
Tändsystem	Digitalstyrt elektroniskt tändsystem, CDI
Förgasare	2 ports förgasare, bränslesolenoid
Smörjning	Fullt tryck
Startsystem	Elektrisk start
Bränsleförbrukning vid kontinuerlig märkeffekt	6.7 L/tim - 3 600 varv per minut
Oljevolym	1.9 Liter
Dimensioner (L x B x H)	429 x 410 x 438 mm (T-Typ)
Torrvikt	44.6 kg

All specifications are subject to change without notice.
Les caractéristiques techniques peuvent être modifiées à tout moment et sans préavis.
Spécifikationen 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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