

# **TECHNICAL SPECIFICATIONS**

# ENGINE

## Rotax 1630 ACE - 130

| ENGINE                        |  | Rotax 1630 ACE - 130                             |
|-------------------------------|--|--------------------------------------------------|
| Engine type                   |  | 4-stroke, Single Over Head Camshaft (SOHC)       |
| Declared Power <sup>(1)</sup> |  | 100 kW @ 6000 RPM                                |
| Induction                     |  | Naturally-Aspirated                              |
| Number of cylinders           |  | 3                                                |
| Number of valves              |  | 12 valves with hydraulic lifters (no adjustment) |
| Bore                          |  | 100 mm (3.9 in)                                  |
| Stroke                        |  | 69.2 mm (2.7 in)                                 |
| Displacement                  |  | 1 630.5 cm <sup>3</sup> (99.5 in <sup>3</sup> )  |
| Compression ratio             |  | 11:1                                             |

| FUEL SYSTEM                 |                                                                                                                  |
|-----------------------------|------------------------------------------------------------------------------------------------------------------|
| Fuel injection type         | Multipoint fuel injection with iTC (intelligent Throttle Control). Single throttle body (60 mm) with an actuator |
| Idle speed (not adjustable) | 1800 ± 50 RPM                                                                                                    |

| ELECTRICAL SYSTEM         |      |                                           |
|---------------------------|------|-------------------------------------------|
| Ignition system type      |      | IDI (Inductive Discharge Ignition)        |
| Spark plug <sup>(2)</sup> | Type | NGK, DCPR8E with solid post or equivalent |
|                           | Gap  | 0.80 to 0.90 mm (.031 to .035 in)         |

| LUBRICATION               |                     |                    |
|---------------------------|---------------------|--------------------|
| Engine oil <sup>(3)</sup> | Recommended XPS oil | 5W40 synthetic oil |

| LUBRICATION |                                                 |                        |                                                                                                                                                                                                                                                                                                                                           |
|-------------|-------------------------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             | Alternate oil if XPS products are not available |                        | Use a <b>4-stroke SAE motorcycle engine oil compatible with wet clutches</b> meeting or exceeding the following lubricant industry specifications.<br>Always check the API service label certification on the oil container, it must contain at least one of the indicated standards.<br><b>API service classification SN or JASO-MA2</b> |
|             |                                                 |                        | 3 l<br>(3.2 qt (liq.,US))                                                                                                                                                                                                                                                                                                                 |
|             | Capacity                                        | Oil change with filter |                                                                                                                                                                                                                                                                                                                                           |
|             |                                                 | Total                  | 5 l<br>(5.3 qt (liq.,US))                                                                                                                                                                                                                                                                                                                 |

- (1)

Declared power as per ISO 8665 at propeller-shaft.
- (2)

NOTICE

Do not attempt to adjust gap on this spark plug.
- (3)

Refer to *Engine Oil* for detailed information.

# VEHICLE

## GTX PRO 130

| Cooling System |                                  |                                                                                                                    |
|----------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Type           |                                  | Closed-loop cooling system (CLCS)                                                                                  |
| Coolant        | Recommended                      | Ethylene glycol-water (50 - 50 ratio)                                                                              |
|                | Alternative, or if not available | Use a coolant that meets or exceeds ASTM D3306<br>NAPS free (Nitrite, Amine, Phosphate, Silicate)<br>Non 2-EH Acid |
|                | Capacity                         | 5.4 l<br>(5.7 qt(liq.,US))                                                                                         |

| Fuel System   |                                           |                                                       |
|---------------|-------------------------------------------|-------------------------------------------------------|
| Fuel pump     |                                           | In-tank electrical                                    |
| Fuel          | Type                                      | Regular unleaded<br>Refer to <i>Fuel Requirements</i> |
|               | Octane rating                             | 87 Pump Posted AKI (RON+MON)/2<br>or<br>91 (RON) E10  |
| Tank capacity | Full                                      | 70 l (18.5 gal(liq. US))                              |
|               | Reserve (from low level signal - approx.) | 14 l (3.7 gal(liq. US))                               |

| Electrical System |                                                                                                  |
|-------------------|--------------------------------------------------------------------------------------------------|
| Battery           | 12 V, 18 Ah                                                                                      |
| Fuses             | Refer to Sub chapter <i>Fuse and Relay description</i> or to the fuse box cover on your vehicle. |

| Propulsion        |                   |
|-------------------|-------------------|
| Propulsion system | Sea-Doo® jet pump |

|              |          |                                                                      |
|--------------|----------|----------------------------------------------------------------------|
| Jet pump     | Type     | Axial flow, single stage.<br>Large hub with double row ball bearings |
|              | Material | Aluminum                                                             |
| Impeller     |          | Stainless steel                                                      |
| Transmission | Type     | Direct drive                                                         |

| Weight and Loading Capacity                                   |                            |
|---------------------------------------------------------------|----------------------------|
| Dry weight<br>(No oil, no coolant, no fuel, with accessories) | 355 kg (782 lb)            |
| Number of passenger (driver incl.)                            | 3                          |
| Load limit (passenger(s) and luggage, including accessories)  | 273 kg<br>(600 lb)         |
| Storage capacity                                              | 98.9 l (26.1 gal(liq.,US)) |

| Dimensions     |                   |
|----------------|-------------------|
| Overall length | 345 cm (135.8 in) |
| Overall width  | 125 cm (49.2 in)  |
| Overall height | 114 cm (44.9 in)  |

**NOTE:**

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