



GO POWER SYSTEMS

MODEL SPECIFICATIONS

- 100 HP Maximum Power
- 60 lb-ft Maximum Torque
- 14,000 rpm Maximum Speed
- Bidirectional absorption

TECHNICAL SPECIFICATIONS

- Absorption Type: Water Brake
- Construction: High strength aluminum alloy
- Shaft: Hardened stainless steel
- Bearings: Greased ball & roller
- Lubrication: Greased bearing
- Operating range: 14,000 rpm continuous with oil mist
- Rotation Direction: Bidirectional
- Torque Sensor: Strain gauge load cell (0-30mv)
- Speed Sensor: 60-tooth gear with inductive pulse pickup

WATER REQUIREMENTS

- Inlet: 1/2 in. (13 mm) diameter
10 gpm-US flow @ 100 HP
- Outlet: 1/2 in. (13 mm) gravity drain to atmosphere
- Dynamic pressure: 35 psi (2.50 bar)

DIMENSIONS

- Width: 11 in.
- Height: 11 in.
- Depth: 8 in.
- Weight: 26 lbs.

BENEFITS

- Portable—ultra light weight
- Horizontal and vertical output shaft adaptation
- Long service-life
- Reliable
- Cost effective

Fact Sheet:

D100 Small Engine Portable Dynamometer

Ideal for use with 'go-cart' and outboard marine engines, as well as industrial durability testing for engines and components.



The Go Power D100
Small Engine Dyno

100 HP (75 kW) Maximum Power

- High-strength aluminum alloy
- Hardened stainless steel shaft
- Reliable & rugged
- Ultra light weight
- Portable
- Cost effective



Power – Torque Curve

The **D100** dynamometer is constructed of high-strength aluminum alloy. The lightweight compact unit can be operated from a typical water supply for use anywhere. Its extreme versatility makes it ideal for use with 'go-cart' and outboard marine engines, as well as industrial durability testing for engines and components. Its design is based on Go Power Systems' other portable water brake dynamometers that have proven their ruggedness and reliability for over 50 years in thousands of installations worldwide.

In addition, it is compatible with our complete line of digital consoles and state-of-the-art computer instrument and control systems. This unique modular design provides maximum flexibility and allows you to put together a system that exactly fits your needs. This expandable, modular approach allows you to add to your system as your testing requirements grow.

CONTACT

Go Power Systems

A Froude Company

41123 Jo Drive

Novi, MI 48375

248.579.4295

info@gopowersystems.com

www.gopowersystems.com

www.froudedyno.com



Torque
(lb-ft) (Nm)

Power
(kW) (Bhp)

