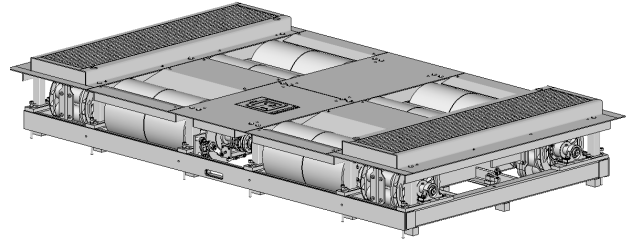


Eddy Current Chassis Dynamometers - EC-Series

Overview

Power Test EC-Series Chassis Dynamometers use air-cooled eddy current load absorbers to provide a heavy duty, cost-effective solution while eliminating the need for cooling towers, pumps, and water treatment. The EC-Series Chassis Dynamometers have been designed to fit into most existing chassis pits with minimal or no modifications necessary.



CF22EC-4B Eddy Current Brake Chassis Dynamometer Shown

The EC-Series Eddy Current Chassis Dynamometers feature:

- 20" (508 mm) diameter, dynamically balanced rolls with proprietary siped traction grooves.
- Accommodates tandem axle center-line variations from 45" (1143 mm) to 60" (1524 mm).
- Maximum speed:
 - 90 MPH (145 KPH) continuous.
 - 120 MPH (193 KPH) intermittent.
- Weight Capacity:
 - 30,000 Lbs. (13,636 kg) per axle.
- Belted design provides full machine power to a single axle.
- Centralized manifold simplifies lubrication maintenance and requires no tools.
- Above ground installation kit available.
- Power Requirements CF22EC-4:
 - 230 VAC single phase, 60 Hz, 40

Amps.

- Roll Brakes:
 - Pneumatically-actuated disc brakes.
- Available in left or right side absorber configurations for retrofits.

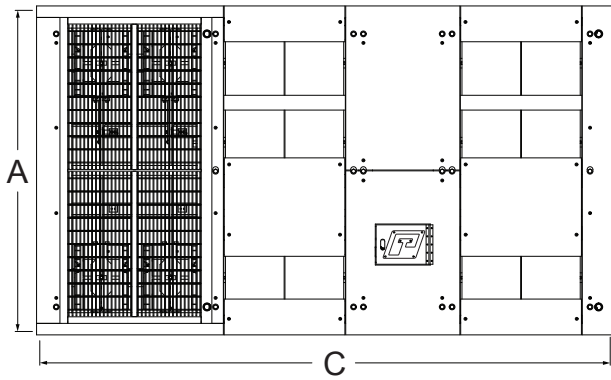
In addition, the PowerNet CD data acquisition and control system is designed to take chassis dynamometer testing to the next level. PowerNet CD utilizes a networked computer system to provide automated, repeatable vehicle tests - all controlled from a wireless hand held device that can be operated right from the driver's seat!



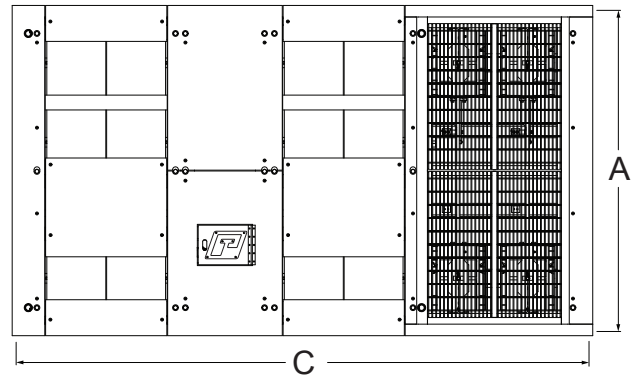
N60 W22700 Silver Spring Drive • Sussex, WI 53089 USA
phone: (262) 252-4301 • fax: (262) 246-0436
www.powertestdyno.com

Eddy Current Chassis Dynamometer - EC-Series

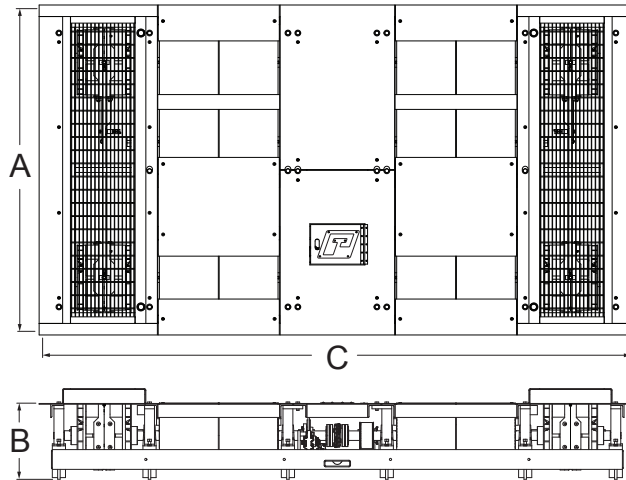
Available Configurations



CF22EC-4LB (Left Side Absorbers)



CF22EC-4RB (Right Side Absorbers)



CF22EC-4B (Split Absorbers)

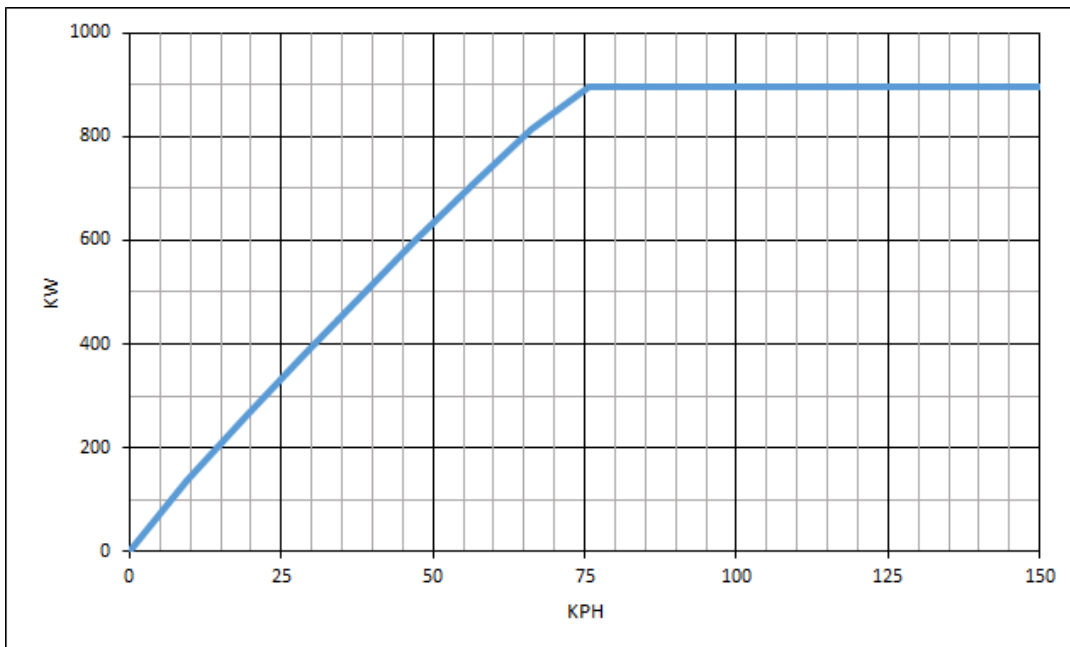
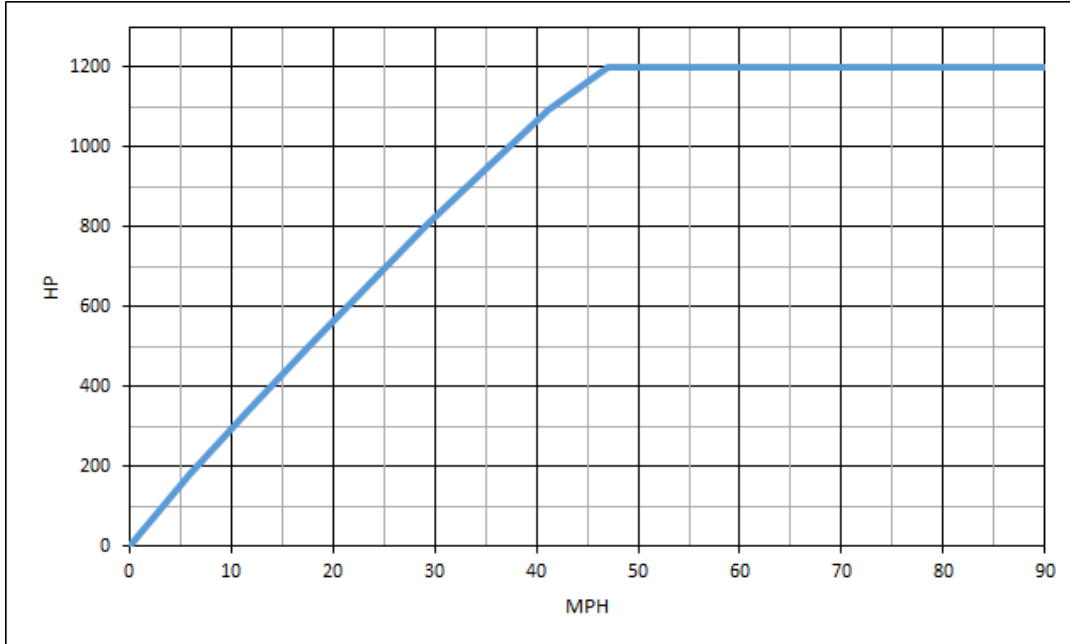
Description	Part #	Pit Dimensions* - inches (mm)			Weight lbs (kg)
		A	B**	C	
CF22EC-4L	21496	97 1/8 (2,467)	23 (584)	173 (4,394)	13,315 (6,039)
CF22EC-4	21495	97 1/8 (2,467)	23 (584)	178 (4,521)	13,600 (6,168)
CF22EC-4R	21467	97 1/8 (2,467)	23 (584)	173 (4,394)	13,315 (6,039)

* Dimensions shown are for reference only, refer to appropriate Power Test room layout drawings.

** Required Pit Depth.

Eddy Current Chassis Dynamometer - EC-Series

Cold Power Absorption Curves



Run Time At Specified Load			
Power HP (KW)	Run Time (minutes)	Power HP (KW)	Run Time (minutes)
400 (298) and below	Continuous	500 (373)	25
		600 (447)	10



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Eddy Current Chassis Dynamometer - EC-Series

Typical Chassis Dynamometer Room Layout

- Refer to applicable Power Test room layout drawings. Layout shown is for reference only.
- Power Test partners with our customers to develop a customized room layout, contact your Power Test representative for assistants in developing your test cell.

