



DM-8062 / Engine Dynamometer



Example Model Shown
(Image may not depict all standard included components)

DM-8062 Eddy Current Dynamometer

Specifications

Power:	175 hp (130 kW)
Max Torque at Base Speed:	154 lb-ft (209 Nm)
Base Speed:	6,000 rpm
Max. Speed:	12,000 rpm
Construction Type:	Wet Gap
Rotor Inertia:	1.4 lb-ft ² (0.06 kg-m ²)
Coolant Required at Max. Power:	17.5 gpm (66.2 lpm)
Coolant Inlet (Min-Max):	55-100 psi (378-689 kPa)
Coolant Inlet Temperature Max:	90°F (32.2°C)
Shipping Weight (estimate):	350 lb (159 kg)
Companion Flange / Hub Pattern:	1310 - US Customary
Coil Voltage / Hot Amperage:	45V / 5.49 amps

Recommended Accessories

- Driveshaft - 1310
- Torsional Coupling - 1310
- Flywheel Adapter Plate Kit
- Driveshaft Guard
- Sub-Base Kit
- Engine Cart
- Air or Electric Starter
- Charge Air Cooler
- Water Recirculating System

Everything you need to succeed

Optional Accessories



Optional Manual
Shaft Lock



Optional Closed Loop
Cooling Center



Optional Charge
Air Cooler



Optional Driveshaft Guard



Optional Engine Cart

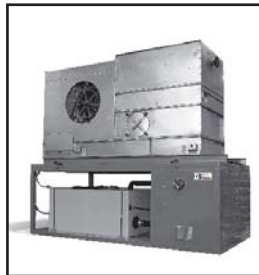
Various Facility Support Systems and Services Available



Bulk Fuel Storage
and Distribution



Coolant Storage
and Distribution



Water
Recirculation

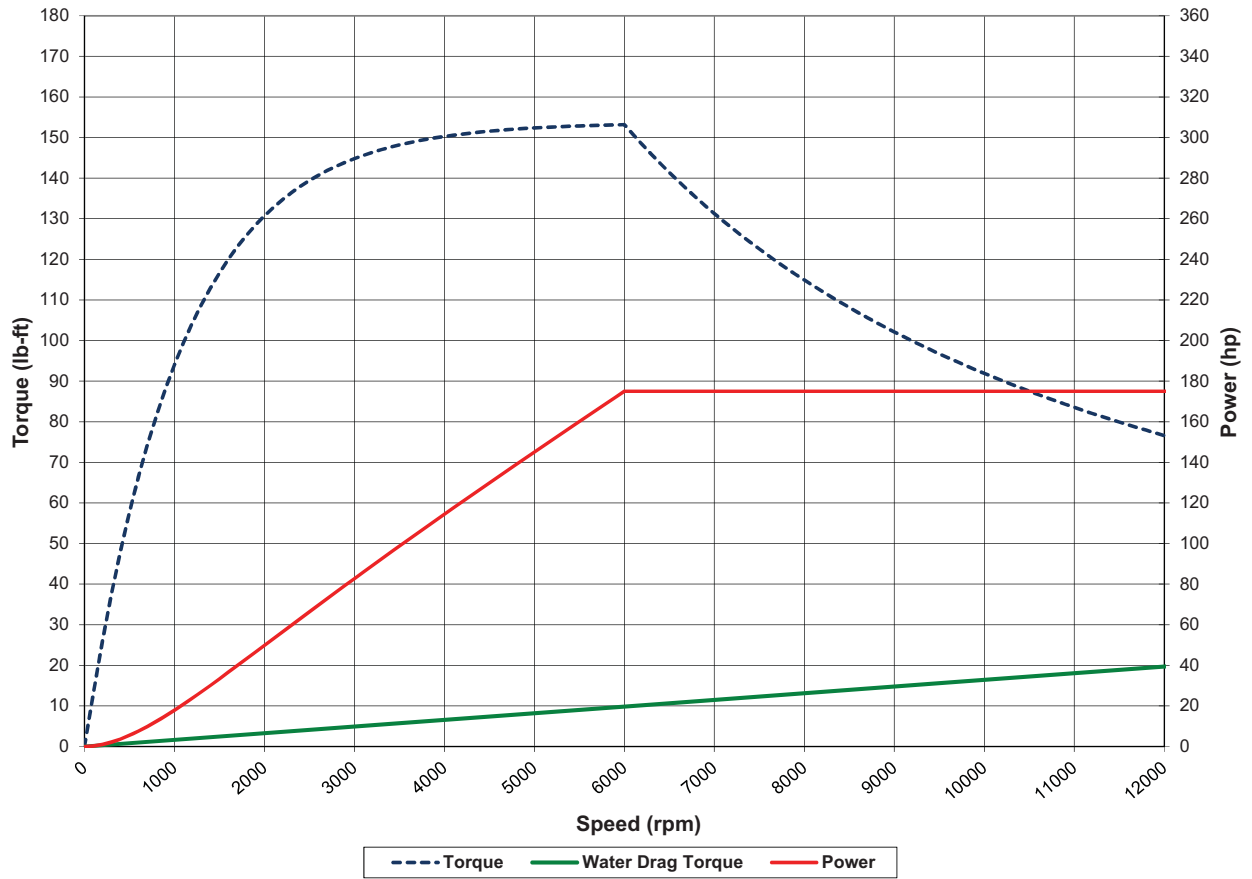


Design, Project
& Construction
Management Services

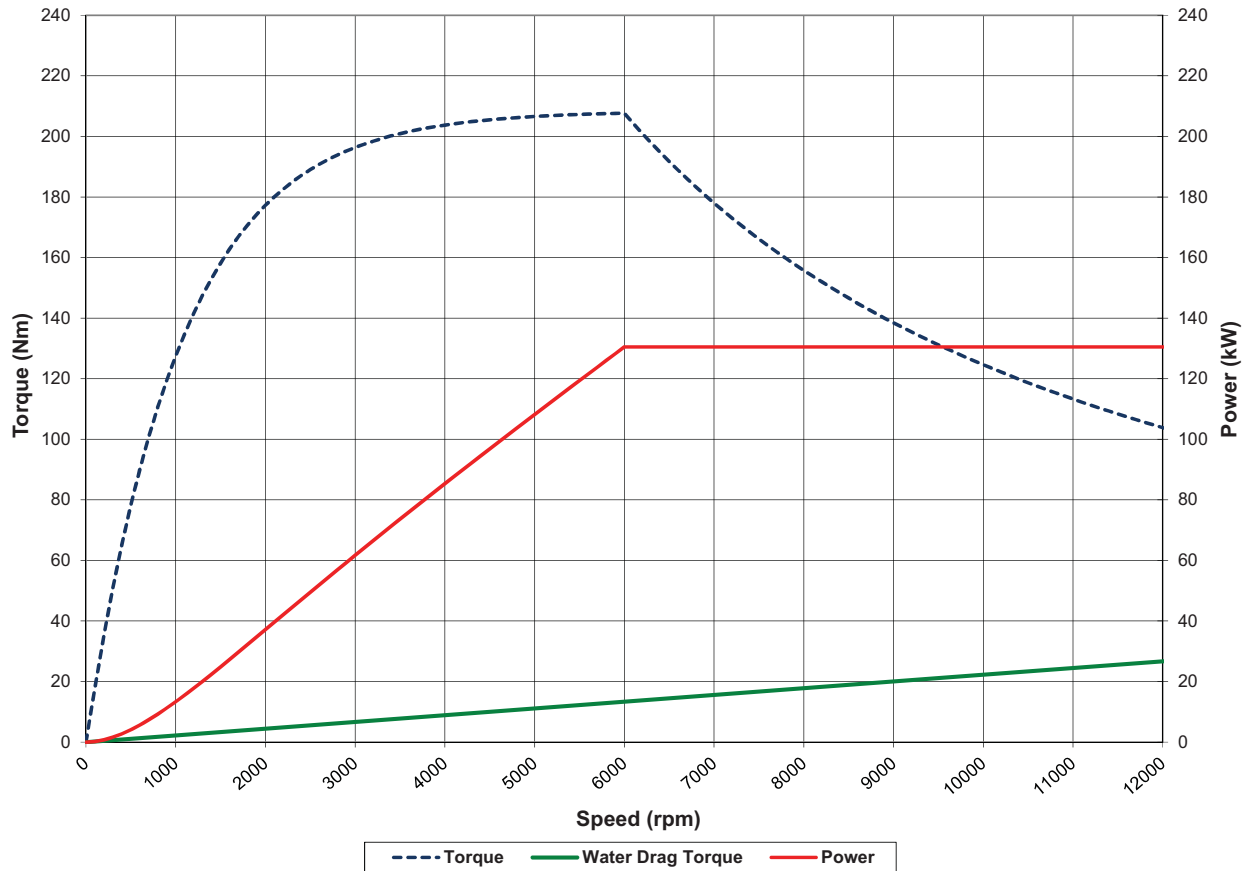


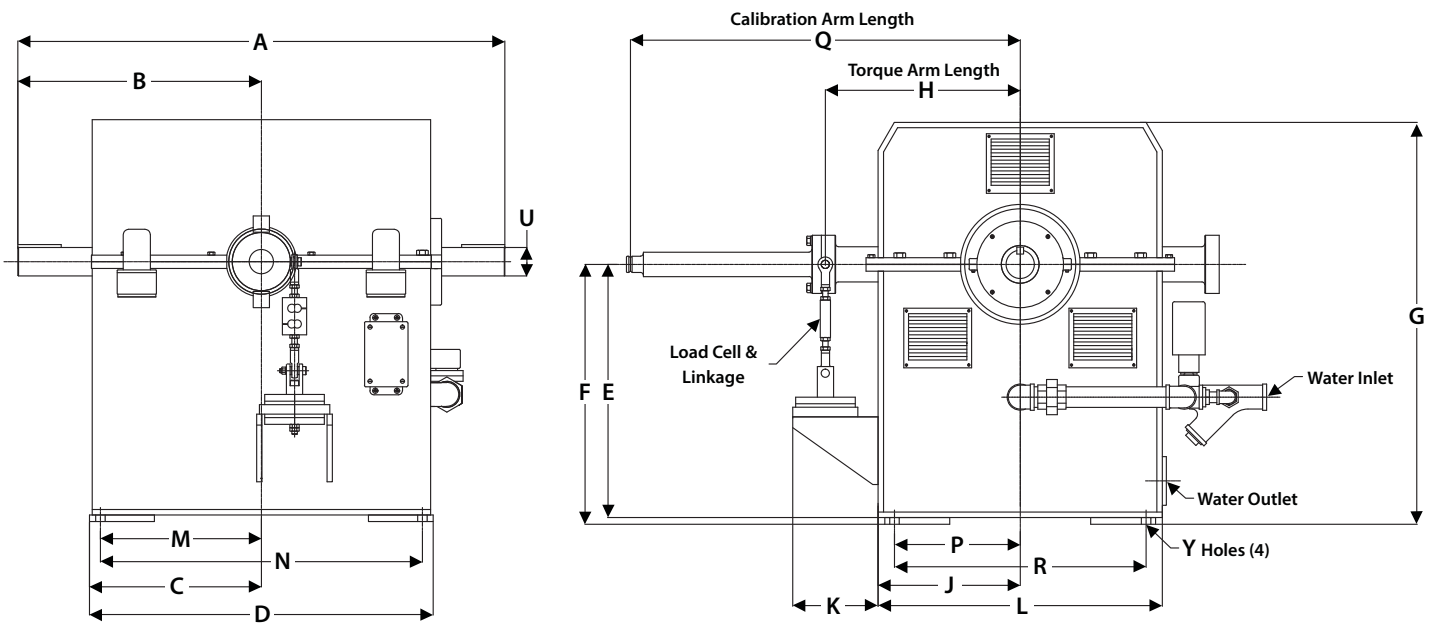
Commissioning,
Start-up & Training

DM-8062 (US Customary)



DM-8062 (S.I.)





Note: Shown without companion flange

Units	A	B	C	D	E	F	G	H	J
US Customary	26	13	9.85	19.7	12.5	13	20.75	12	7.75
S.I.	660	330	250	500	318	330	527	305	197

Units	K	L	M	N	P	Q	R	U	Y
US Customary	6	15.5	9	18	6.25	18	12.5	1.25	0.63
S.I.	152	394	229	457	159	457	318	32	16

(All dimensions are for new OEM supplied units)

Standard Included Components

- Load Cell and Linkage
- Cooling Safety Package
- Calibration Arm
- Calibration Weight Hanger
- Companion Flange / Hub Pattern 1310 - US Customary
- Shaft End Guard
- Magnetic Pickup and 60-tooth Gear
- Greased (Shielded) Bearings

Everything you need to succeed



Dyne Systems is a division of Taylor Dynamometer
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DS2357v002