



DM-8060HS / Engine Dynamometer



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

DM-8060HS Eddy Current Dynamometer

Specifications

Power:	75 hp (56 kW)
Max Torque at Base Speed:	116 lb-ft (157 Nm)
Base Speed:	3,400 rpm
Max. Speed:	16,000 rpm
Construction Type:	Dry Gap
Rotor Inertia:	1.4 lb-ft ² (0.06 kg-m ²)
Coolant Required at Max. Power:	7.5 gpm (28.4 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 / 3.22 amps

Recommended Accessories

- Driveshaft - 1310
- Torsional Coupling - 1310
- Flywheel Adapter Plate Kit
- Driveshaft Guard
- Sub-Base Kit
- Air or Electric Starter
- Water Recirculating System
- T-slot Table
- Calibration Weights

Everything you need to succeed

Optional Accessories



Optional Manual Shaft Lock



Optional Automatic Day Tank



Optional Calibration Weights



Optional Driveshaft Guard



Optional T-Slot Table

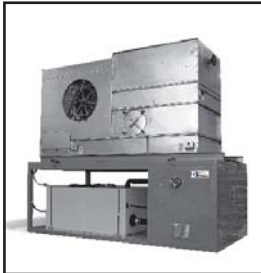
Various Facility Support Systems and Services Available



Bulk Fuel Storage and Distribution



Coolant Storage and Distribution



Water Recirculation

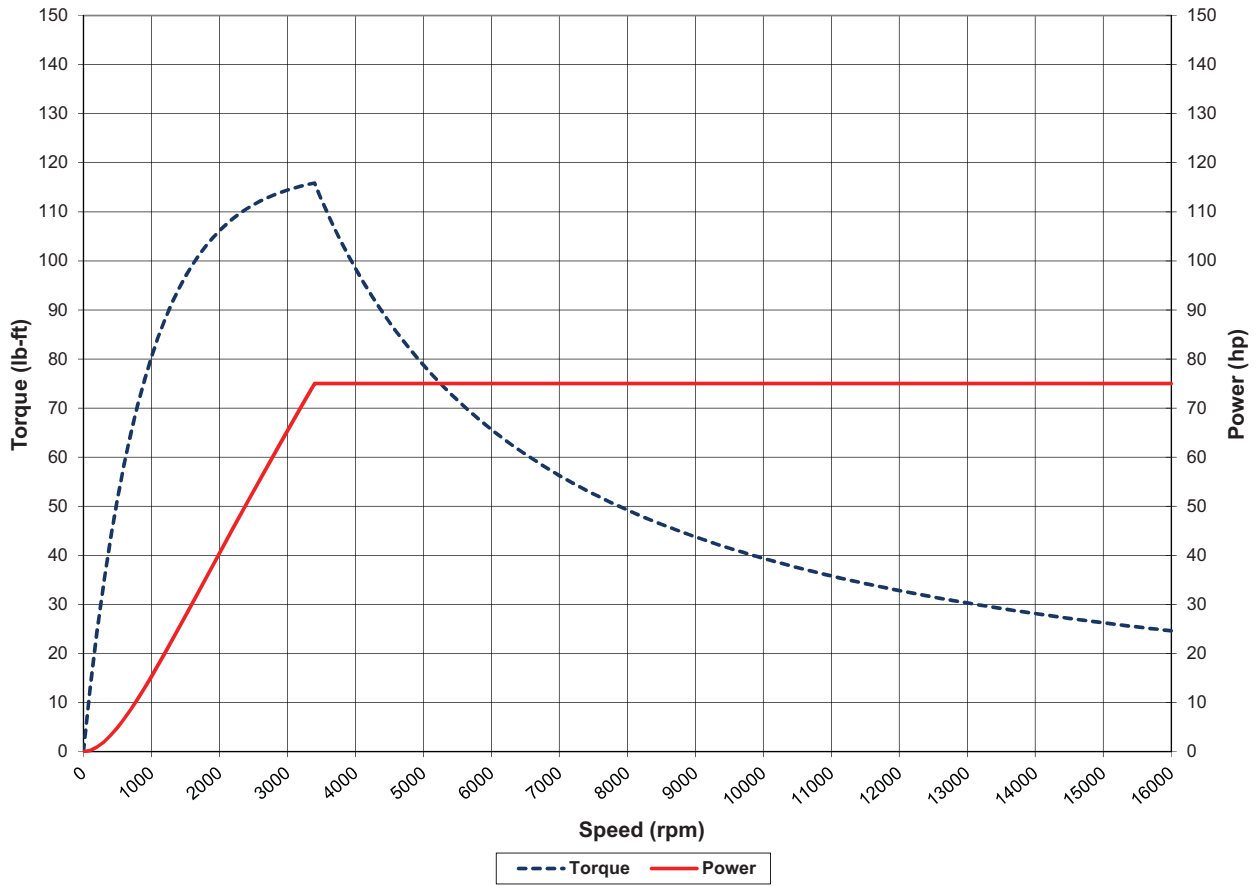


Design, Project & Construction Management Services

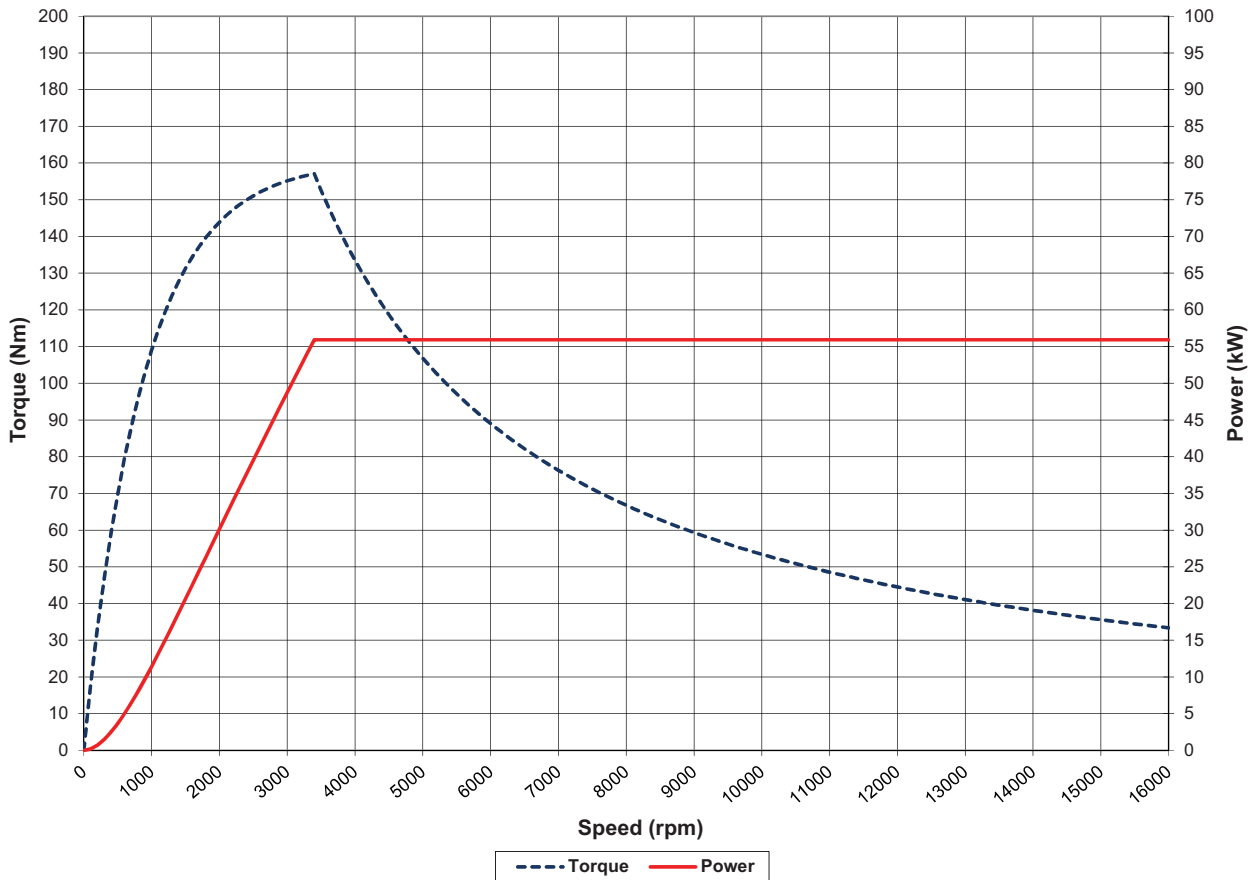


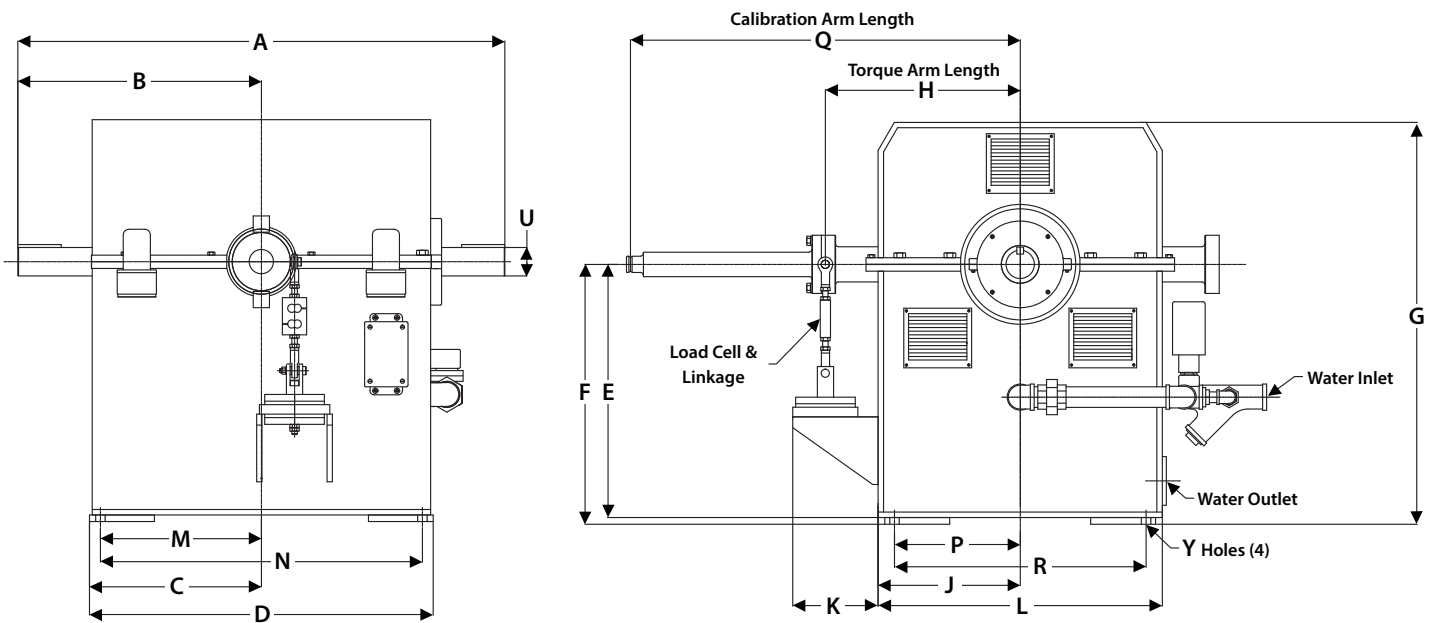
Commissioning, Start-up & Training

DM-8060HS (US Customary)



DM-8060HS (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 Precision (Sealed) Bearings

Everything you need to succeed



Dyne Systems is a division of Taylor Dynamometer
 W209 N17391 Industrial Dr., Jackson, WI 53037
 (800) 657-0726 www.dynesystems.com

DS2355v002