



**DIMENSIONAL TABLE:**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
51	25 ½	19 ½	48 ½	22	27	49	24.000	24	48	1 ½	4	45	22.76	42.00

- All dimensions are in inches
- All dimensions are for new OEM supplied units

**STANDARD INCLUDED OPTIONS:**

- Magnetic Pickup and 60-tooth Gear
- Constant Level Oilers

**SPECIFICATIONS**

Model Number	DM-1519-1
Construction Type	Wet Gap
Maximum Horsepower	700 Hp
Base Speed	1,400 rpm
Maximum Speed	4,500 rpm
Maximum Torque at Base Speed	2,626 ft lb
Rotor Inertia	124 lb ft <sup>2</sup>
Coolant GPM Required @ Max Hp	70 gpm
Coolant Inlet PSI (Min/Max)	55-100 psi
Coolant Inlet Temperature (Max)	90°F
Water Inlet Size	1 1/4" NPT
Water Outlet Size	4" NPT
Shipping Weight (estimate)	4400 lbs
Overhung Weight Load @ Max Speed	lbs

**OPTIONS**

Coil Specifications: 45V/18.7A; 90V/11.2A; 220V/4.36A
Shaft End (Taper or Straight), Key or Keyless
Load Cell and Linkage
Cooling Safety Package which includes the following:
- Solenoid Valve
- Y-Strainer
- Water Flow Switch
- Exit Water Temperature Switch
- Water Pressure Switch & Gauge
Calibration Arm and Standard Weight Hanger
Calibration Weights
Shaft Hub
Manual Shaft Lock
Pressurized Re-Circulating Oil System