

A-45-01

# **Bulletin on Electric Motor Performance Data Request Form**

API BULLETIN 11L5 (BUL 11L5)  
FIRST EDITION, OCTOBER 1, 1990

**American Petroleum Institute**  
1220 L Street, Northwest  
Washington, DC 20005



**Issued by  
AMERICAN PETROLEUM INSTITUTE  
Production Department**

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# AMERICAN PETROLEUM INSTITUTE ELECTRIC MOTOR PERFORMANCE DATA REQUEST FORM

Manufacturer \_\_\_\_\_ Description \_\_\_\_\_

Size/HP \_\_\_\_\_ Mode \_\_\_\_\_ NEMA Rating \_\_\_\_\_ Frame \_\_\_\_\_

Voltage \_\_\_\_\_ Phases \_\_\_\_\_ Frequency (hz) \_\_\_\_\_

Model No. \_\_\_\_\_ Service Factor \_\_\_\_\_ Enclosure \_\_\_\_\_

Locked rotor torque (in-lbs) \_\_\_\_\_ Locked rotor current (amps) \_\_\_\_\_

Stator temp. at full load (deg°C) \_\_\_\_\_ Ambient temp. during test (deg°C) \_\_\_\_\_

Class insulation \_\_\_\_\_ Minimum slow down speed (rpm) \_\_\_\_\_

Rotor and shaft inertia (lb ft-ft) \_\_\_\_\_

Breakdown torque (in-lb) \_\_\_\_\_ Breakdown speed (rpm) \_\_\_\_\_  
(if applicable) (if applicable)

Pull up torque (in-lb) \_\_\_\_\_ Pull up speed (rpm) \_\_\_\_\_  
(if applicable) (if applicable)

Measurement at	Speed rpm	Torque in-lbs	Current amps	Power Factor %/100
110% of synchronous speed	_____	_____	_____	_____
105% of synchronous speed	_____	_____	_____	_____
Synchronous speed	_____	_____	_____	_____
25% of full load torque	_____	_____	_____	_____
50% of full load torque	_____	_____	_____	_____
75% of full load torque	_____	_____	_____	_____
Full load torque	_____	_____	_____	_____
125% of full load torque*	_____	_____	_____	_____
150% of full load torque*	_____	_____	_____	_____
175% of full load torque*	_____	_____	_____	_____
200% of full load torque*	_____	_____	_____	_____

\*Or terminate when minimum slow down speed or breakdown torque speed is reached.

☐ Typical Data

☐ Test Data

Test date \_\_\_\_\_ Approved by \_\_\_\_\_

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