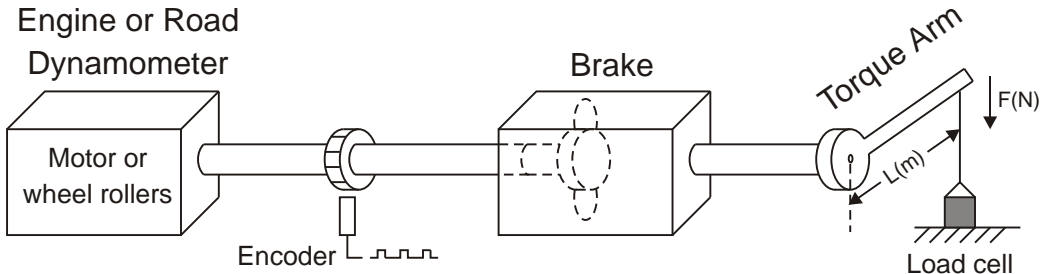


APPLICATION-DYNAMOMETER

BASIC DYNAMOMETER THEORY



$$\text{TORQUE} = F \times L \quad (\text{Nm}) \quad \text{where } F = \text{force in newtons (N)} \\ L = \text{length in meters (m)}$$

$$\text{POWER} = \frac{\text{Torque} \times \text{Rotational Speed}}{\text{Constant}}$$

$$\text{kW} = \frac{\text{Nm} \times \text{RPM}}{9549}$$

$$\text{hp} = \frac{\text{Nm} \times \text{RPM}}{7121}$$

where kW = kilowatts
Nm = newtons meters
RPM = revolutions per minute
hp = horse power

MODEL 5014 SUITABLE FOR THIS APPLICATION

GUARANTEE:

This product is guaranteed against faulty Workmanship or defective material, for a period of three years from date of delivery by INSTROTECH.

INSTROTECH undertakes to replace without charge all defective equipment which is returned to it (transportation costs prepaid) during the period of **Guarantee** provided there is no evidence that the equipment has Been abused or mishandled in any way.



INSTROTECH
INSTRUMENTATION AND PROCESS CONTROL

P O Box 418, Honeydew 2040 South Africa
21 Precision Street, Kyalasand Randburg.

Telephone: +27 11 462-1920

Telefax: +27 11 462-1958

email: info@instrotech.co.za

web: www.instrotech.co.za

