

Motor Losses Analysis Worksheet

Motor Information

Motor Name / ID

Location

Rated Power (kW / HP)

Rated Voltage (V)

Rated Speed (RPM)

Rated Efficiency (%)

Other Notes

Test Measurements

Parameter	Measured Value	Unit
Supply Voltage		V
Line Current		A
Input Power		kW
Speed		RPM
Output Power		kW
Ambient Temperature		°C

Losses Breakdown

Loss Type	Calculated Value	Unit
Stator Loss		W
Rotor Loss		W
Iron Loss		W

Windage & Friction Loss		W
Stray Load Loss		W
Total Loss		W

Analysis & Observations

Comments / Recommendations