

# INDUCTION MOTOR



Induction Motors are the "workhorses" of the industrial world, designed to convert electrical energy into mechanical power through electromagnetic induction. Renowned for their simple, rugged construction and high reliability, these motors power everything from small centrifugal pumps to massive industrial compressors without the need for complex brushes or commutators.

## Construction features

<b>Stator Body</b>	Cast Iron (CI)
<b>Stator Winding</b>	High-grade electrolytic Copper
<b>Shaft</b>	Carbon Steel or Stainless Steel
<b>Bearings</b>	Anti-friction Ball/Roller Bearing
<b>Cooling</b>	Totally Enclosed Fan Cooled
<b>Protection</b>	Weather and dust protection