

# There's Nothing Quite Like It, Experience a **TM21-G** Motor.



TMEiC's Compact,  
High Performance  
TM21-G Motors are Built for:

## **INDUSTRY**

**Petrochemical**

**Utilities**

**Mining**

**Metals**

**Paper**

**Water Treatment**

**Cement**





**TMEiC**  
We drive industry

## TM21-G Medium Voltage Induction Motors

### Durable & Low Maintenance

The TM21-G Series provides superior reliability, quality and performance for the manufacturing and processing needs of future generations. All motors in this class-leading series are highly efficient, have a small footprint, comply with major international standards and require minimal maintenance. These performance, size and reliability advantages contribute to ensuring that TMEiC has a motor that delivers a great solution for your most demanding needs.

#### Applications

- ◆ Centrifugal Pumps, Fans, Compressors

#### Standard Features

- ◆ Centrifugal Pumps, Fans, Compressors
- ◆ Output Up to 23,000 kW (30,800 HP)
- ◆ Mounting: Horizontal or Vertical
- ◆ Voltages: 2,300V through 11,000V
- ◆ Base Frequency: 50Hz & 60Hz
- ◆ Frame size: 400-900
- ◆ Copper Bar Rotor
- ◆ Enclosures: WPiI(IP24), TEAAC(IP55), TEWAC(IP55)
- ◆ No. of poles: 2-8P (Horizontal) / 4-14P (Vertical)
- ◆ Starting duty: 2 Cold / 1 Hot - (Standard)
- ◆ NEMA Design "B"
- ◆ Class "F" Insulation / Class "B" Rise
- ◆ Full VPI (Vacuum Pressure Impregnation) of Stator
- ◆ Ambient Temperature: Min. -20°C to Max. 40°C
- ◆ Bearing type: Anti-friction or Sleeve (Self OR Forced-lube.)
- ◆ Standard Accessories
  - + Winding RTDs
  - + Vibration Sensor Mounting Provision
  - + Space Heater
  - + Stainless Steel Junction Box
- ◆ Standards: IEC (BS, AS, IS), NEMA, CSA, JEC

#### Optional Features

- ◆ Exe and Exn Hazardous Area Construction
- ◆ VFD Application
- ◆ 14 Poles or more
- ◆ Min. -40°C to Max. 55°C
- ◆ Enclosure (IP56)
- ◆ Main T-box: Phase segregated
- ◆ Non-Reversing Ratchet (Vertical Motor)
- ◆ Mounting Bolts, Anchor Bolts, Jacking Bolts
- ◆ Vibration Sensors: B/N, SPM, etc.
- ◆ Current Transformer
- ◆ Surge Capacitor/Arrester
- ◆ Differential Air Pressure Switch
- ◆ Oil Manifold
- ◆ Sole Plate/Base Plate
- ◆ Shim Plates
- ◆ Bearing RTDs
- ◆ Air Temp. RTDs
- ◆ Water Leakage Detector
- ◆ Flow meter/switch
- ◆ Extended Warranty
- ◆ And More...

