



OMT4-IE3 160M2-2 15kW 400/690V 50Hz , . # GB382A1551T001

**DATASHEET**

50Hz |

|                              |                |                   |                 |
|------------------------------|----------------|-------------------|-----------------|
| Frame type:                  | aluminium      | Connection:       | Δ/Y             |
| Model:                       | OMT4-IE3       | Run Capacitor:    |                 |
| Output:                      | 15 kW          | Start Capacitor:  |                 |
| Rated voltage:               | 400/690V       | Rotor voltage:    |                 |
| Frame:                       | 160 mm         | Rotor connection: |                 |
| Poles:                       | 2              | Rotor current:    |                 |
| Frequency:                   | 50 Hz          | No load current:  |                 |
| Rated speed:                 | 2950 RPM       | Insulation class: | F               |
| Rated current:               | 26,5/15,4 A    | Temp. rise:       | 80 K            |
| Locked rotor current(Ia/In): | 810%           | Service factor:   | 1               |
| Locked rotor torque(Ma/Mn):  | 200%           | Duty:             | S1              |
| Breakdown torque(Ma/Mn):     | 230%           | Amb. temp.:       | -20~40 °C       |
| Mounting:                    | B3             | Altitude:         | 1000 m          |
| Noise level:                 | 81 dB          | Protection:       | IP55            |
| Approx. weight:              | 108 kg         | Cooling:          | IC411           |
| Mom. of inertia:             | 0,061758 kg/m2 | Vibration:        | 2,2 mm/s        |
| Slip:                        | 1,7%           | Dir. rotation:    | BOTH            |
| Rated torque:                | 48,6 Nm        | Starting method:  | DIRECT ON LINE  |
|                              |                | Coupling:         | DIRECT          |
|                              |                | Load type:        | PARABOLIC CURVE |

**PERFORMANCE**

|                |            |            |             |
|----------------|------------|------------|-------------|
| <b>Output</b>  | <b>50%</b> | <b>75%</b> | <b>100%</b> |
| Efficiency(%): | 91,2       | 92,3       | 92          |
| Power factor:  |            |            | 0,89        |

**STANDARDS**

|                |                      |
|----------------|----------------------|
| Specification: | IEC60034-1/GB755     |
| Test:          | IEC60034-2/GB/T1032  |
| Noise          | IEC60034-9/GB10069.3 |
| Vibration:     | IEC60034-14/GB10068  |

**BEARING**

|                |            |           |
|----------------|------------|-----------|
| <b>Bearing</b> | <b>NDE</b> | <b>DE</b> |
|                | 6309 2RZ   | 6309 2RZ  |
|                | C3         | C3        |

Regreasing int(h):  
 Grease amount(g):  
 Grease polyrexEM:

**ACCESSORIES**

PTC 150°C

There may be differences between rating plate and calculated values