



OMT4-IE3 132S1-2 5,5kW 400/690V 50Hz , . # GB37255051T001

## DATASHEET

50Hz |

|                              |                              |                   |                 |
|------------------------------|------------------------------|-------------------|-----------------|
| Frame type:                  | aluminium                    | Connection:       | Δ/Y             |
| Model:                       | OMT4-IE3                     | Run Capacitor:    |                 |
| Output:                      | 5,5 kW                       | Start Capacitor:  |                 |
| Rated voltage:               | 400/690V                     | Rotor voltage:    |                 |
| Frame:                       | 132 mm                       | Rotor connection: |                 |
| Poles:                       | 2                            | Rotor current:    |                 |
| Frequency:                   | 50 Hz                        | No load current:  |                 |
| Rated speed:                 | 2940 RPM                     | Insulation class: | F               |
| Rated current:               | 10,1/5,9 A                   | Temp. rise:       | 80 K            |
| Locked rotor current(Ia/In): | 830%                         | 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:                 | 79 dB                        | Protection:       | IP55            |
| Approx. weight:              | 45 kg                        | Cooling:          | IC411           |
| Mom. of inertia:             | 0,01392125 kg/m <sup>2</sup> | Vibration:        | 2,2 mm/s        |
| Slip:                        | 2%                           | Dir. rotation:    | BOTH            |
| Rated torque:                | 17,9 Nm                      | Starting method:  | DIRECT ON LINE  |
|                              |                              | Coupling:         | DIRECT          |
|                              |                              | Load type:        | PARABOLIC CURVE |

### PERFORMANCE

| Output         | 50%  | 75%  | 100% |
|----------------|------|------|------|
| Efficiency(%): | 88,6 | 89,7 | 89,4 |
| Power factor:  |      |      | 0,88 |

### STANDARDS

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

### BEARING

|         |                       |                      |
|---------|-----------------------|----------------------|
| Bearing | NDE<br>6308 2RZ<br>C3 | DE<br>6308 2RZ<br>C3 |
|---------|-----------------------|----------------------|

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

### ACCESSORIES

PTC 150°C

There may be differences between rating plate and calculated values