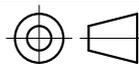


| SPECIFICATION               | VALUE                  |
|-----------------------------|------------------------|
| NO. of PHASES               | 3                      |
| NO. of POLES                | 8                      |
| RESISTANCE/PHASE(Ohms)@25°C | 0.21±10%               |
| INDUCTANCE/PHASE(mH)@1KHz   | 0.51±20%               |
| RATED VOLTAGE(VDC)          | 48                     |
| RATED TORQUE(N.m)           | 1.27                   |
| RATED POWER(W)              | 400                    |
| RATED SPEED(RPM)            | 3000±10%               |
| RATED CURRENT(A)            | 8.33±10%               |
| Ke(V/krpm)                  | 14.2                   |
| SENSOR                      | HALL                   |
| AMBIENT TEMPERATURE         | -10°C~50°C[14°F~122°F] |
| INSULATION CLASS            | B 130°C[266°F]         |
| TEMPERATURE RISE            | MAX.80°C               |

|                                     |      |
|-------------------------------------|------|
| UNIT mm                             |      |
| GB/T 1804-M EQV.ISO 2768-1 CLASS M: |      |
| <=6                                 | ±0.1 |
| >6~30                               | ±0.2 |
| >30~120                             | ±0.3 |
| >120~400                            | ±0.5 |



|       |           |      |           |
|-------|-----------|------|-----------|
| mm    |           |      |           |
| UNITS | DRN       | MYX  | 1.15.2026 |
| 2:3   | APVD      | LDJ  | 1.15.2026 |
| SCALE | SIGNATURE | DATE |           |

**OSMTEC**<sup>®</sup>  
Stepper Motor Specialists

INTEGRATED BRUSHLESS MOTOR

86IBL400-4830