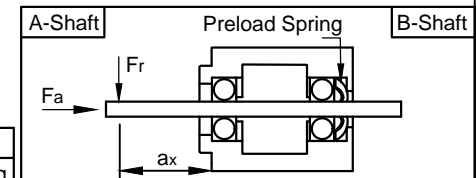


Connector: JST B6P-VH



| | | |
|--|------------------|------|
| Max. Axial Force F_a | N | 15 |
| Max. Radial Force F_r ($a_2 = 20$ mm) | N | 75 |
| Axial Play | $F_a = 4.0$ N mm | 0.08 |
| Radial Play | $F_r = 4.0$ N mm | 0.02 |

| TYPE OF CONNECTION | | |
|--------------------|---------|----------|
| Bipolar | Pin No. | Winding |
| A | 1 | [Symbol] |
| A\ | 3 | |
| B | 4 | [Symbol] |
| B\ | 6 | |

| MOTOR SPECIFICATION | | |
|------------------------------|-------------------|-----------------------|
| Voltage | V DC | 2.1 |
| Current per Winding | A | 4.2 |
| Resistance per Phase (25°C) | ±15% Ω | 0.5 |
| Inductance per Phase (1 kHz) | ±20% mH | 1.6 |
| Holding Torque | Nm | 1.4 |
| Step Angle | ±5% ° | 1.8 |
| Rotor Inertia | kg m ² | 30 × 10 ⁻⁶ |

| GENERAL MOTOR SPECIFICATION | | |
|--|------|------------|
| Ambient Temperature | °C | -20 ... 50 |
| Max. Temperature Rise (at standstill - 2 phases energized) | °C | 80 |
| Max. Ambient Humidity (non condensing) | % | 85 |
| Insulation Class | | B |
| Insulation Resistance | MΩ | 100 |
| Dielectric Strength (for 1 min - coil to case) | V AC | 500 |

| ISO 8015 | ISO 1302 | ISO 2768 cK | ISO 13715 | Weight: 0.72 kg |
|----------|------------------------|-------------|------------|-----------------------|
| | | Date | Name | SCA5618M4204-B |
| | | Drawn | Schneid_A | |
| | | Checked | Knoll_J | |
| | | Approved | Reith_S | |
| 01 | change dimension conn. | Schneid_A | 16.10.2019 | 01200256 |
| REV | Rev. Text | Name | Rel. Date | State: Released |
| | | | | Rev: 01 |
| | | | | P |

