



STA Inc.
Spindle Technology Advance

SP8 - 3023-A4

High-frequency spindle



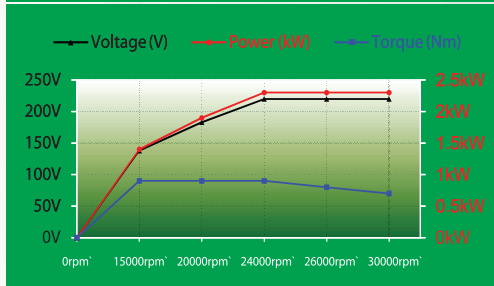
This is highly resistant to corrosion due to the material being **STAINLESS STEEL.**

Technical Specification

| | | |
|----------------------|---------|--------------------|
| Speed | R. P. M | Max. 30,000 |
| Max Frequency | Hz | Max. 1,000 |
| Voltage | V | 220 |
| Output | kW | 2.30 |
| Torque | Nm | 0.90 |
| Current | A | 10.0 |
| Motor Poles | P | 4 |
| Collet / Tool Holder | | ISO 20 |
| Tool Change | | Auto Tool Change |
| Tool Clamping Range | mm | 1.0 ~ 10.0 |
| Cooling System | | Water / Oil |
| Bearing(Grease) | Pcs | 4 |
| Housing Diameter | φ | 80 |
| Weight | kg | 9.0 |
| Motor Protection | | Thermistor (P.T.C) |
| Sealing | | Air |
| Inner Taper Run-out | μm | <2 |
| Lubrication | | Grease |

Power, Torque, Speed Diagram

| | | | | | |
|----------------|--------|--------|--------|--------|--------|
| Speed (r.p.m) | 15,000 | 20,000 | 24,000 | 26,000 | 30,000 |
| Frequency (Hz) | 500 | 667 | 800 | 867 | 1,000 |
| Power (kW) | 1.40 | 1.90 | 2.30 | 2.30 | 2.30 |
| Torque (Nm) | 0.90 | 0.90 | 0.90 | 0.80 | 0.70 |
| Voltage (V) | 138 | 183 | 220 | 220 | 220 |
| Current (A) | 10.0 | 10.0 | 10.0 | 9.5 | 9.5 |



Dimensions

