



STA Inc.
Spindle Technology Advance

SP12F-2495-A4

High-frequency spindle



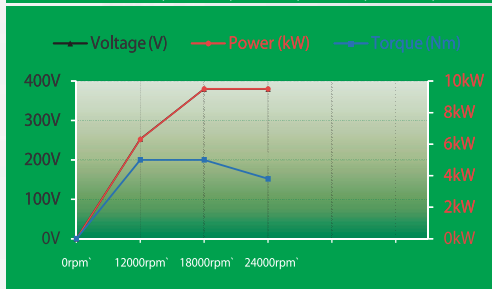
This is highly resistant to corrosion due to the material being **STAINLESS STEEL.**

Technical Specification

Speed	R.P.M	Max. 24,000
Max Frequency	Hz	Max. 800
Voltage	V	380
Output	kW	9.50
Torque	Nm	5.00
Current	A	20.0
Motor Poles	P	4
Collet / Tool Holder		BT30 / HSKE40
Tool Change		Auto Tool Change
Tool Clamping Range	mm	1.0 ~ 20.0
Cooling System		Water / Oil
Bearing(Grease)	Pcs	4
Housing Diameter	φ	120
Weight	kg	26.5
Motor Protection		Thermistor (P.T.C)
Sealing		Air
Inner Taper Run-out	μm	<2
Lubrication		Grease

Power, Torque, Speed Diagram

Speed (r.p.m)	12,000	18,000	24,000
Frequency (Hz)	400	600	800
Power (kW)	6.30	9.50	9.50
Torque (Nm)	5.00	5.00	3.80
Voltage (V)	253	380	380
Current (A)	20.0	20.0	18.0



Dimensions

