



STA Inc.
Spindle Technology Advance

SP6 - 7006-M2 9008-M2

High-frequency spindle



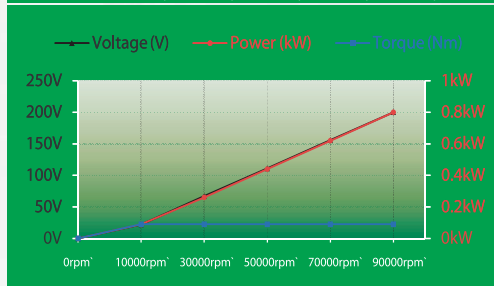
This is highly resistant to corrosion due to the material being **STAINLESS STEEL.**

Technical Specification

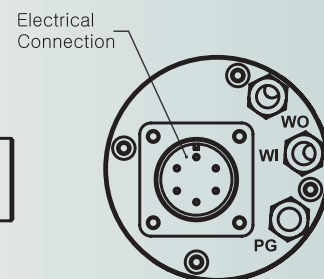
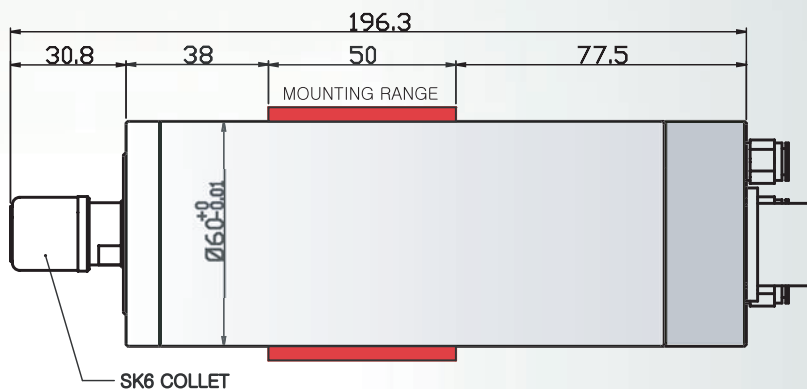
Speed	R. P. M	Max. 70,000 / 90,000
Max Frequency	Hz	Max. 1,167 / 1,500
Voltage	V	156 / 200
Output	kW	0.62 / 0.80
Torque	Nm	0.09
Current	A	3.3
Motor Poles	P	2
Collet / Tool Holder		SK6
Tool Change		Manual Tool Change
Tool Clamping Range	mm	0.7 ~ 6.0
Cooling System		Water / Oil
Bearing(Grease)	Pcs	4
Housing Diameter	φ	60
Weight	kg	3.0
Motor Protection		Thermistor (P.T.C)
Sealing		Air
Inner Taper Run-out	μm	<2
Lubrication		Grease

Power, Torque, Speed Diagram

Speed (r.p.m)	10,000	30,000	50,000	70,000	90,000
Frequency (Hz)	167	500	833	1,167	1,500
Power (kW)	0.09	0.26	0.44	0.62	0.80
Torque (Nm)	0.09	0.09	0.09	0.09	0.09
Voltage (V)	22	67	111	156	200
Current (A)	3.3	3.3	3.3	3.3	3.3



Dimensions



WI --- Cooling IN
WO --- Cooling OUT
PG --- Air Purge