



## ■ Environmental Specifications

Model no.	KSM22F	KSM22FI	KSM22FS
Thermal shock	5 cycles -50°C~+105°C		
Exposure at low temperature	24 hours at -50°C		
Exposure at high temperature	1,000 hours at +105°C		
Moisture resistance	40°C	95%RH	120 hours
Vibration	10~2,000Hz	196m/s <sup>2</sup>	12 hours
Shock	980 m/s <sup>2</sup> (18 times)		
Life expectancy (shaft revolutions)	Approx. 100,000,000	Approx. 10,000,000	Approx. 200,000,000

## ■ Special Specifications available

Special applied voltage (possible to meet with from 3V.D.C. to 10V.D.C.), special effective electrical rotating angle (possible to meet with from ±25° to ±80°, in case of 60° of 80°, independent linearity tolerance becomes within ±1.0%), special machining on the shaft.

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