

Low Vibration, Low Heat and Low Noise Generation

High Frequency Spindle for Internal Grinding

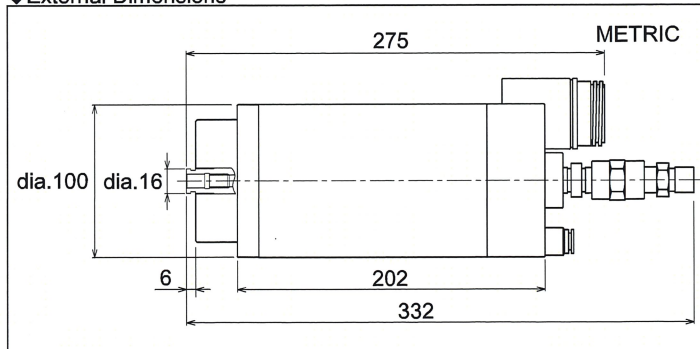
Advantages:

1. High pressure (max. 2 MPa) coolant through spindle allows for high precision deep bore grinding
2. Precise dynamic balancing of internal components minimizes vibration and improves accuracy
3. High positive internal pressure keeps coolant and other contaminants out—which protects the bearings, helps maintain accuracy, and increases spindle life

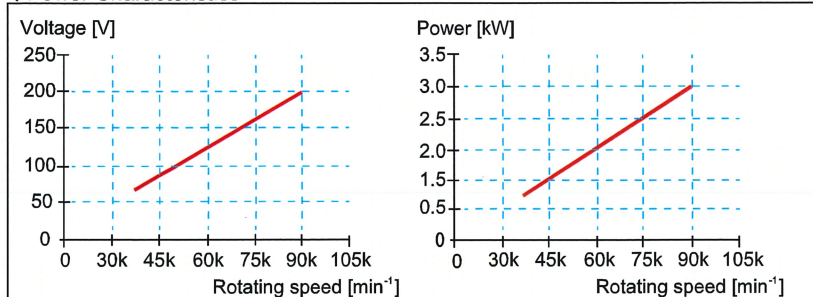
◆Application

Model	MIS-90P/3-C
Max. rotation speed	90000 min ⁻¹
Rated output	3 kW
Rated voltage	200 V
Bearing	Ceramic angular ball bearing
Lubrication	Oil-air (2 pcs.)
Lubrication oil	ISO VG 32
Air-purge pipe	2 pcs. (0.1 MPa)
Airflow	200 L/min
Spindle cooling fluid	ISO VG 2
Weight	10.3 kg

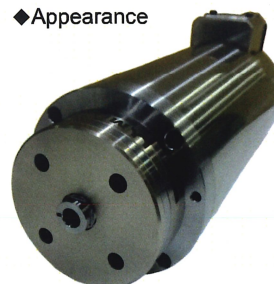
◆External Dimensions



◆Power Characteristics



◆Appearance



High frequency Spindle: MIS-90P/3-C