

High Speed, High Precision and High Reliability

High Frequency Spindle for Internal Grinding

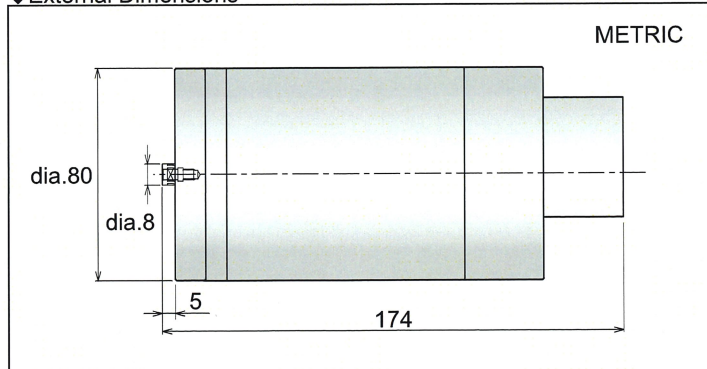
Advantages:

1. High rigidity due to the front bearing being positioned as close to the spindle nose as possible
2. High precision ceramic ball bearings, lubricated by means of an optimally pressurized and metered lubrication system, provide long life and increased accuracy
3. Housings and shafts made from the highest quality materials, produced with the highest precision, along with very high quality precision ceramic ball bearings allows for high RPM operation with increased thermal stability and part to part accuracy

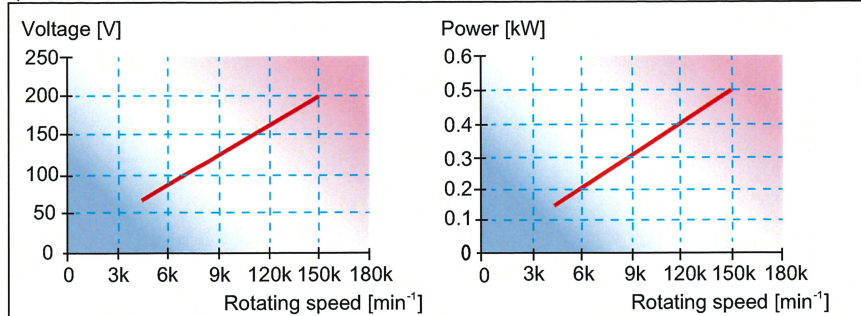
◆Application

Model	MIS-150P/0.5
Max. rotation speed	150000 min ⁻¹
Rated output	0.5 kW
Rated voltage	200 V
Bearing	Ceramic angular ball bearing
Lubrication	Oil-air
Lubrication oil	ISO VG 32
Air-purge pipe	1 pc. (0.2 MPa)
Airflow	110 L/min
Spindle cooling fluid	ISO VG 2
Weight	5.0 kg

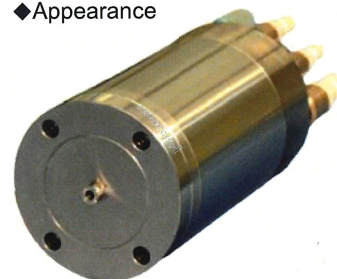
◆External Dimensions



◆Power Characteristics



◆Appearance



High frequency Spindle: MIS-150P/0.5