

IGS-160-80000-10

INTERNAL GRINDING SPINDLE

Internal grinding and specifically machining small holes with small diameter grinding quills, requires maximum speed and stiffness. Our high speed internal grinding spindles stand out with a compact yet powerful design and great damping for best surface quality.

INSTALLATION OUTSIDE DIAMETE	Ø160mm
DRIVE OIL TYPE	2#
OIL SUPPLY PRESSURE	3.0-4.0Mpa
AXIAL STATLC STIFFNESS	≥30N/μm
AXIAL RADIAL STIFFNESS	≥28N/μm
FRONT END RADIAL RUNOUT	≤0.0003mm
AXIAL END AXIAL MOVEMENT	≤0.0003mm
ROTATION PRECISION	≤0.0001mm
DRIVE TYPE	Built-in motor drive
ROTATION MOVEMENT	Anticlockwise
THE HIGHEST SPEED	80000rpm
MAX. FREQUENCY	1333.3Hz
MOTOR SYSTEM	Synchronous motor
THE RATED VOLTAGE	380V
POWER OUTPUT S1 100%	10kW
OUTPUT TORQUE S1 100%	1.19N.m
RATED CURRENT S1 100%	18A
COOLING SYSTEM	Oil cooling(Recommended)
APPLICATION AREA	Used for high speed internal grinder
NET WEIGHT	38±1kg

