

# CGS-180-2000

## CENTERLESS GRINDING SPINDLE

Centerless grinding is an enormously productive and demanding process. Our spindles are specifically designed to meet the tight tolerances, excellent straightness and surface finish of the workpiece. At the same time they are rock-solid, heavy duty spindles that can perform even in the toughest production environment.

INSTALLATION OUTSIDE DIAMETER	Ø180mm
JOURNAL DIAMETER	Ø110mm
DRIVE OIL TYPE	5#
OIL SUPPLY PRESSURE	2.0-3.0Mpa
AXIAL STATIC STIFFNESS	≥200N/μm
AXIAL RADIAL STIFFNESS	≥300N/μm
FRONT END RADIAL RUNOUT	≤0.0005mm
AXIAL END AXIAL MOVEMENT	≤0.0005mm
ROTATION PRECISION	≤0.0003mm
DRIVE TYPE	Belt drive
ROTATION MOVEMENT	Clockwise
RATED SPEED	1800rpm
THE HIGHEST SPEED	2000rpm
APPLICATION AREA	Used for centerless grinding machine
NET WEIGHT	143±5kg

