

## MGS RANGE

MGS spindles are motorised spindles suited for grinding, boring, milling, turning and drilling applications.

An electric motor is incorporated directly into the spindle shaft to create a single compact unit. This unit is then carefully balanced to remove traces of vibration.

The spindles generally feature precision angular contact bearings to maximise stiffness of the spindle while minimising temperature rises.

Motorised spindles can be supplied for operation at any common voltage as well as other specifications if required.

Spindles are designed for a preferred configuration although they can be supplied to run horizontally; vertically or at any angles. For units with coolant requirements, there may be other design considerations.

## TECHNICAL DATA

DIMENSIONS (L x W x H OR ØD x L)	365 x 165 x 250 mm	14.4 x 6.5 x 9.9 in
MAX SPEED	3000/3600 RPM	
MAX POWER	1.1 kW	1.5 HP
ROTATION	CLOCKWISE	
VOLTAGE	220/380	
SUPPLY FREQUENCY	50/60 Hz	
LUBRICATION	GREASE	
TOOL INTERFACE	WHEEL ADAPTOR	
COOLING	AIR	
ORIENTATION	HORIZONTAL	
BODY TYPE	FOOT MOUNT	

## MOTOR OPTIONS

ROTATION	RPM	POWER(kW)	POWER (HP)	FREQUENCY	VOLTAGE
CLOCKWISE	3600	1.1	1.5	60	230/460
CLOCKWISE	3000	1.1	1.5	50	220/380
CLOCKWISE	3600	1.1	1.5	60	575
CLOCKWISE	3000	1.1	1.5	50	415
ANTI-CLOCKWISE	3600	1.1	1.5	60	230/460
ANTI-CLOCKWISE	3000	1.1	1.5	50	220/380
ANTI-CLOCKWISE	3600	1.1	1.5	60	575
ANTI-CLOCKWISE	3600	1.5	2	60	230/460
ANTI-CLOCKWISE	3000	1.5	2	50	220/380
ANTI-CLOCKWISE	3600	1.5	2	60	575
CLOCKWISE	3600	1.5	2	60	230/460
ANTI-CLOCKWISE	3000	1.5	2	50	415

## DIMENSIONS

