

## 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) | 895 x 215 x 245 mm | 35.3 x 8.5 x 9.7 in |
| MAX SPEED                        | 3000/3600 RPM      |                     |
| MAX POWER                        | 1.5 kW             | 2 HP                |
| ROTATION                         | ANTI-CLOCKWISE     |                     |
| VOLTAGE                          | TO ORDER           |                     |
| SUPPLY FREQUENCY                 | 50/60 Hz           |                     |
| LUBRICATION                      | GREASE             |                     |
| TOOL INTERFACE                   | WHEEL ADAPTOR      |                     |
| COOLING                          | AIR                |                     |
| ORIENTATION                      | VERTICAL           |                     |
| BODY TYPE                        | FOOT MOUNT         |                     |

## MOTOR OPTIONS

| MAX SPEED | POWER (kW) | POWER (HP) | FREQUENCY |
|-----------|------------|------------|-----------|
| 3600      | 1.1        | 1.5        | 60        |
| 3000      | 1.1        | 1.5        | 50        |
| 3600      | 1.5        | 2          | 60        |
| 3000      | 1.5        | 2          | 50        |

## DIMENSIONS

