

KES

**(PIN) GRINDING
M/C Specification**

KES G – B203B

(EST.) 1985 – 03 – 01
(REV.) 1987 – 03 – 01
(REV.) 1991 – 05 – 01

Contents

1. Scope of Application
2. Purpose
3. Equipment Structure
4. Processing and Specification of
Processing Degree
5. Gauge System
6. Dressing System
7. Other Specifications



1. Scope of application

- (1) This directives shall be applied to Pin Grinding M/C specification examination and making.
- (2) It can be also applied to other CYL, Grinding M/C and Angular Grinding M/C.

2. Purpose

This standard shall be for the purpose of the rational examination by specifying the form and specification of Pin Grinding M/C.

3. Equipment structure

- (1) Equipment is divided into BED, G/Wheel Head, a headstock, a subordinate equipment and so on.
- (2) G/Wheel Type can be applied in two kinds of ways of 2 Wheel Multi Type and Single Wheel Type.
- (3) For G/Wheel Type and Work Slide, use a NC controller.
- (4) For Dressing, use NC-Dressing method of Template Less Type.
- (5) For the exchange of G/Wheel, basically equip and exchange JIB Crane.
- (6) For the subordinate equipment, contain hydraulic unit, Auto Loader, Coolant System (Selective specification), Lubrication System IN, Post Process Gauge and so on.
- (7) For the Work Drive, revolve and control the headstock and immediately equipping the controller, and supplement by equipping the separate motion axis.

4. Processing and specification of processing degree

4.1 Processing and Inter Lock

- (1) Conduct the NC controlling for Grinding Wheel Slide and enable the Initial Set Up and adjustment by equipping an Inverter.
- (2) Equip an inverter for Work Drive Motor as well.