

## 1 SCOPE

THE SPECIFICATIONS COVERS GEARED MOTORS RB-35PM-OED3 TO BE SUPPLIED BY SAYAMA SEIMITU KOGYO.

## 2 TYPE AND NAME

- 2-1 Geared motor :Type RB-35PM-OED3  
 2-2 Motor :Type SK35-T06-U1  
 2-3 Gear head :Type RB-35P-OED3  
 2-4 Reduction ratio :1/100

## 3 SPECIFICATIONS FOR APPEARANCE

- 3-1 External dimensions :As per separate external drawings.  
 3-2 Appearance :No flaw or damage shall be observed.  
 3-3 Output shaft Radial play :Max 0.1 mm (A load of 113g perpendicular to the shaft at a point 3mm from the end of the bearing)  
 3-4 Output shaft Thrust play :Max 0.35mm

## 4 ELECTRICAL PROPERTIES

These show characteristics at a room temperature and normal humidity, but may vary according to the actual values obtainable at mass-production

- 4-1 Rated voltage :DC12V  
 4-2 Rated allowable torque :3.3kg · cm  
 4-3 Rated speed :52±8.8rpm  
 4-4 Rated current :390mA MAX  
 4-5 No load speed :59±8.9rpm  
 4-6 No load current :120mA MAX  
 4-7 Insulation resistance :10 MΩ or more shall be put through between the terminal and the shaft at 250 VDC mega.  
 4-8 Dielectric strength :No abnormality shall be observed after 100VAC is impressed for one minute between the terminal and the shaft.  
 4-9 Direction of revolution :CW, CCW (CW seen from the output shaft when + power is impressed on anode.)

## 5 CONDITIONS IN USE

- 5-1 Range of Temperature in use :-10 °C ~ + 60 °C  
 5-2 Range of storing temperature :-15 °C ~ + 65 °C  
 5-3 Mounting posture :Output shaft horizontal direction

## 6 SPECIFICATIONS FOR PACKING

Packing shall be done so that no damage may be done during transportation.

## 7 ADDITIONAL REMARKS

Any specification not given in this specifications shall be determined by mutual consultation.

## 8 GREASE

D-300

ISSUED ON

SEP 02, 1997

SAYAMA PRECISION CO. LTD.

12/9/97

#1102-2

DATE	2. AUG. 97'	Section	Designing on sale group	Recognize	S. HANSHIMOTO
A L T	△	△	△	Draw up	K. Maeno