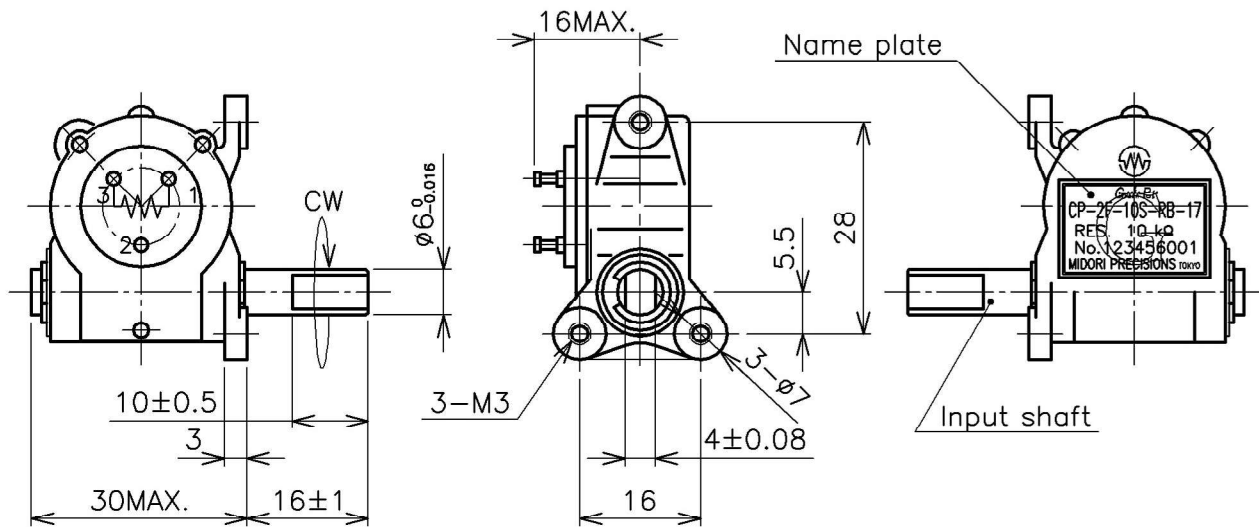


MODEL: CP-2F-10S-RB-17

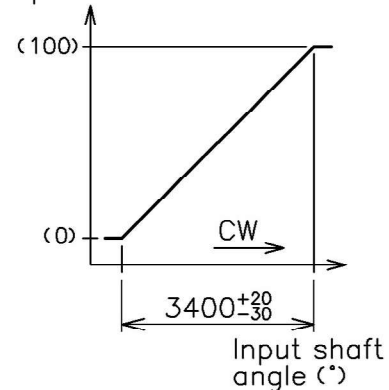
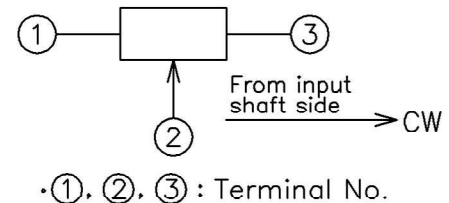
1/1

This product compliance with RoHS.Specifications

Electrical travel	: $3400^{\circ} \pm 20^{\circ}_{30}$ (Inner pot: $340^{\circ} \pm 2^{\circ}_{3}$)
Total resistance	: $10k\Omega \pm 20\%$
Independent linearity	: $\pm 1.5\%$ (Including backlash)
Power rating	: $0.5W/50^{\circ}C$
Output smoothness	: $0.1\% \text{ MAX.}$
Insulation resistance	: $100M\Omega \text{ MIN. DC1000V}$
Dielectric strength	: $AC1000V \text{ 1 min}$
Temperature coefficient of resistance	: $\pm 400 \text{ ppm/K}$
Total mechanical travel	: $360^{\circ} \text{ Endless}$
Gear ratio	: 10:1 (When input shaft is rotated 10 times, inner pot is rotated 1 time.)
Torque	: $4 \text{ mN} \cdot \text{m MAX.}$
Repeatability	: $0.5\% \text{ MAX.}$ (Input shaft and inner pot output including backlash)
Mass	: Approx. 30g
Operating temp.	: $-20 \sim +100^{\circ}C$
Allowable radial shaft load	: 5N
Allowable axial shaft load	: 3N

Output characteristics

Output (%)

Schematic

①, ②, ③ : Terminal No.

△					
REV	DATE	DESCRIPTION	APPROVED	CHECKED	DRAWN
APPROVED					
CHECKED					
DRAWN					

M. Kamiki

T. Yamazaki

Y. YOSHIKAWA

TOLERANCE

≤ 10 ±0.25

10 < ≤ 100 ±0.5

100 < ±1.0

ANGLE ±1.5°

DATE

3.29.'12

SCALE

1:1

DRAWING

PRACTICE



MIDORI PRECISIONS CO., LTD.

DRAWING NO.

C-MPE-B15

REV.

0