

苏州脉塔智能科技有限公司

2026-04-30

受控文件章

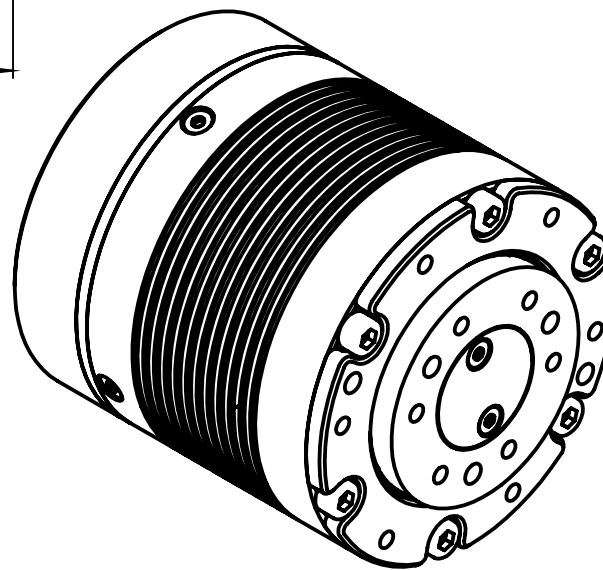
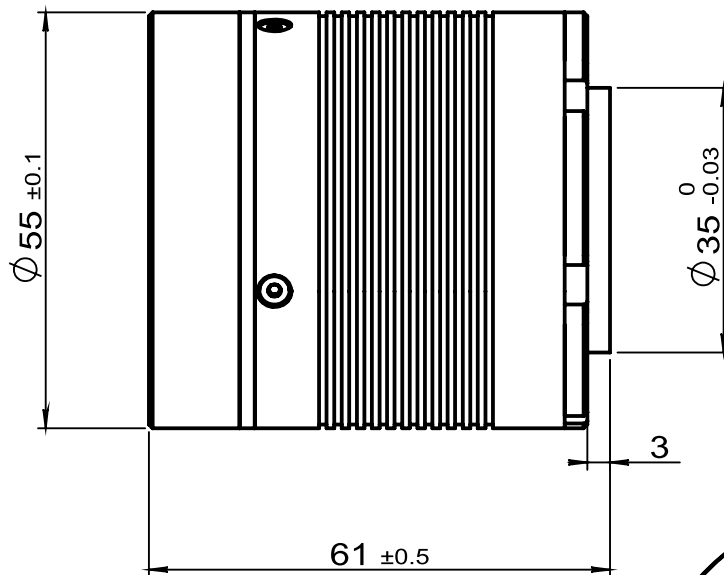
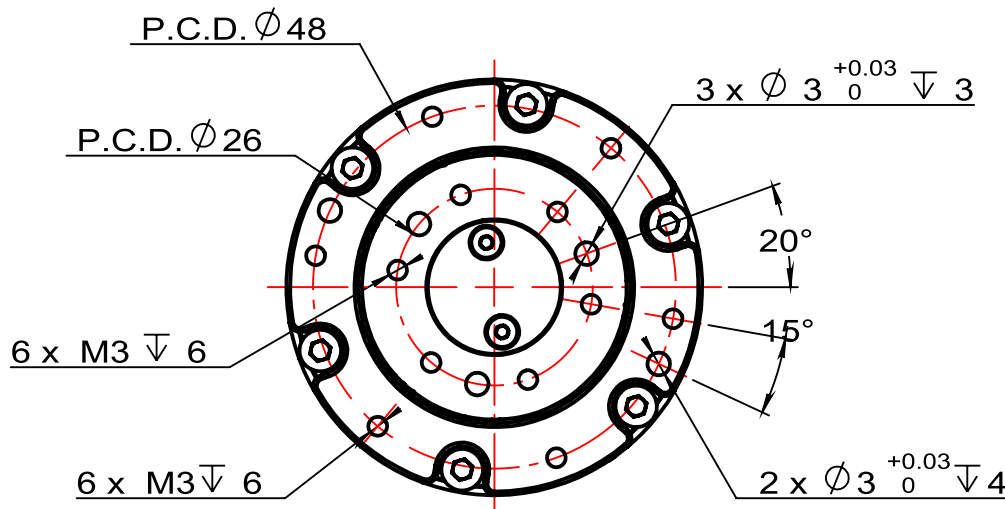
REV.

ECN.NO.

REVISION RECORD

DATE

BY



Input Voltage (V)

24

Back-EMF Constant(Vdc/Krpm)

6

Gear Ratio

36

Torque Constant (N.m/A)

1.9

No-load Speed(RPM)

111

Phase Resistance (Ω)

0.39

No-load Current (A)

0.9

Phase Inductance (mH)

0.07

Rated Speed(RPM)

83

Pole Pairs

11

Rated Torque(N.m)

10.5

3 Phase Connection

Y

Rated Power(W)

100

Back Drive Torque (N.m)

1.14

Rated Current (A)

6.1

Backlash (Arcmin)

≤ 15

Peak Torque (N.m)

34

Axial Load (KN)

-

Peak Current (A)

21.5

Radial Load (KN)

-

Efficiency (%)

63.1

Rotor Inertia (Kg.cm²)

0.3

Encoder Type

Dual Encoder
ABS-
17BIT/18BIT

Repeat Positioning Accuracy (Degree)

<0.01

Communication

CAN/EtherCAT

Weight (KG)

0.36

Insulation Class

F

Protection Class

-

TITLE

Motor assembly diagram



REV

SCALE

FORMAT

PAGE

A0

1:1

A3

Sheet

1

Of

1

Size reference diagram

PRO NAME

RMD-X4-P36-36

DESIGN

PROCESS

CHECK

APPROVAL

PRO NAME

FIRST ANGLE PVTN

1

2.0

A3