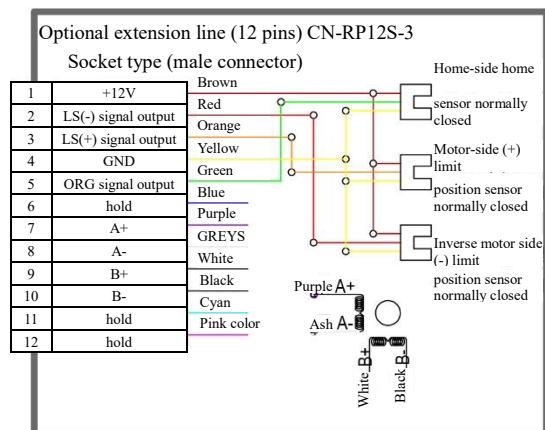


YK-HL8030U-SSN-2C-815 and YK-HR8020U-ASN-42C-825 Wiring Diagram



Product parameters:

Model: YK-HL8030U-SSN-2C-815

Stroke: $\pm 15\text{mm}$

Motor: STP-28D1-3401D-E1000

Drive current: 1A

Screw type: Ball screw

Screw parameters: diameter 8mm/pitch 1mm

Resolution (Full/Half): $5\mu\text{m}/2.5\mu\text{m}$

Repetitive positioning accuracy: $\pm 1\mu\text{m}$

Positioning accuracy: $15\mu\text{m}$

Reverse gap: $2.5\mu\text{m}$

Straightness: $10\mu\text{m}$

Parallelism: $30\mu\text{m}$

Maximum speed: 10mm/s

Material: SUS-440C

Load: 98N (10Kgf)

Weight:

Product parameters:

Model: YK-HR8020U-ASN-42C-825

Stroke: $\pm 10^\circ$

Motor: 42K48-E1000

Drive current: 1A

Screw type: Ball screw

Screw parameters: diameter 8mm/pitch 2mm

Resolution (Full/Half):

Repetitive positioning accuracy: $\pm 0.005^\circ$

Concentricity: 0.03° (within $\pm 8^\circ$)

Flatness: 0.05° (within $\pm 8^\circ$)

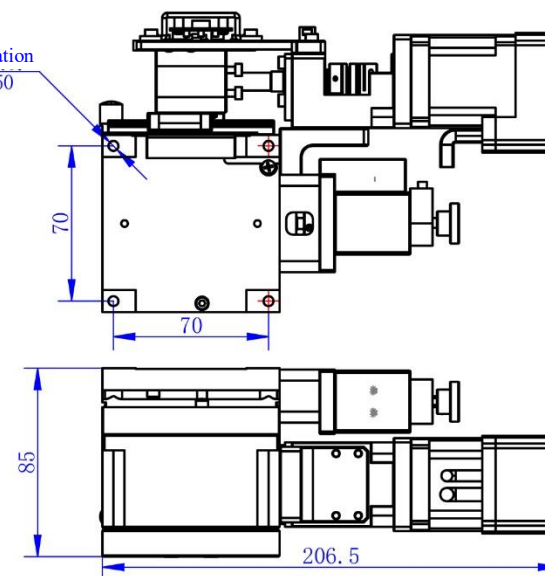
Maximum speed: $30^\circ/\text{s}$

Material: Aluminum alloy

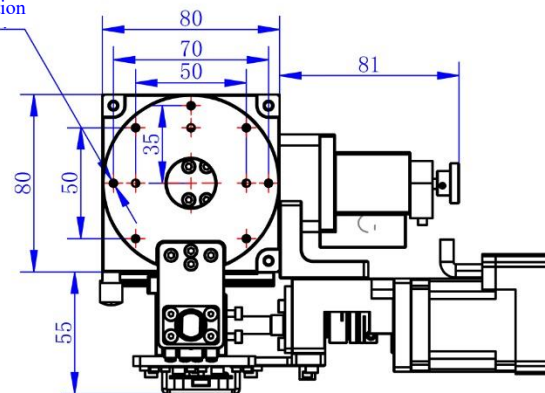
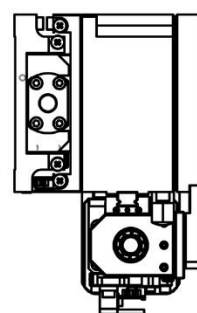
Load: 98N (10Kgf)

Weight:

4x $\phi 4.50$ full penetration
 $\square \phi 8 \nabla 7.50$



10-M4x0.7 full penetration



YK-AHXR8030-D-2C

Drawn by

Mo Dongcai

Page

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Review

Angle of view



Checked by

Tolerance

Unmarked tolerance grade 12

No.

Date

Change content

Designer

Guangdong Kaifull Electronics Technology Co., Ltd.