

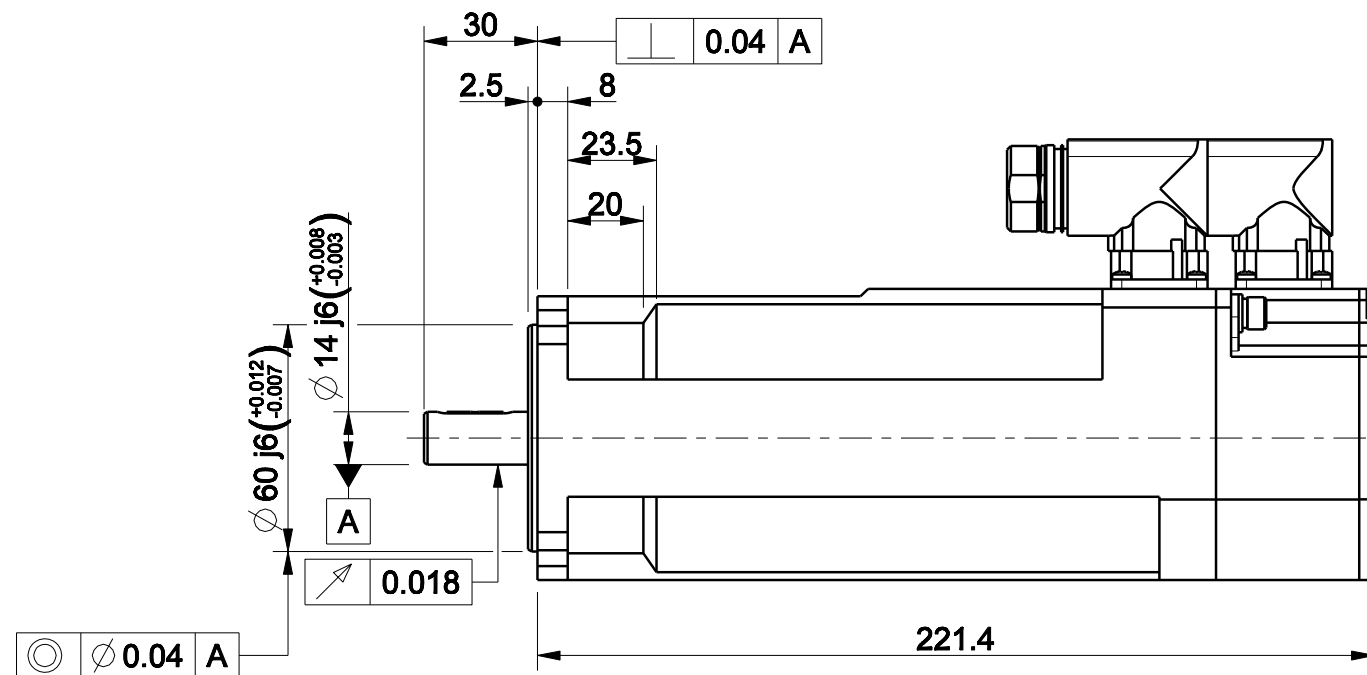
| 1 |  | 2 |  | 3             |                                      | 4          |            |
|---|--|---|--|---------------|--------------------------------------|------------|------------|
|   |  |   |  | 版本<br>Rev No. | 描述<br>Description                    | 日期<br>Date | 姓名<br>Name |
|   |  |   |  | B             | Update the drawing,change the scale. | 05/01/12   | Wang Yuan  |
|   |  |   |  |               |                                      |            |            |


D

C

B

A

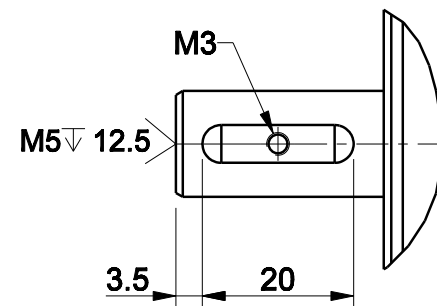
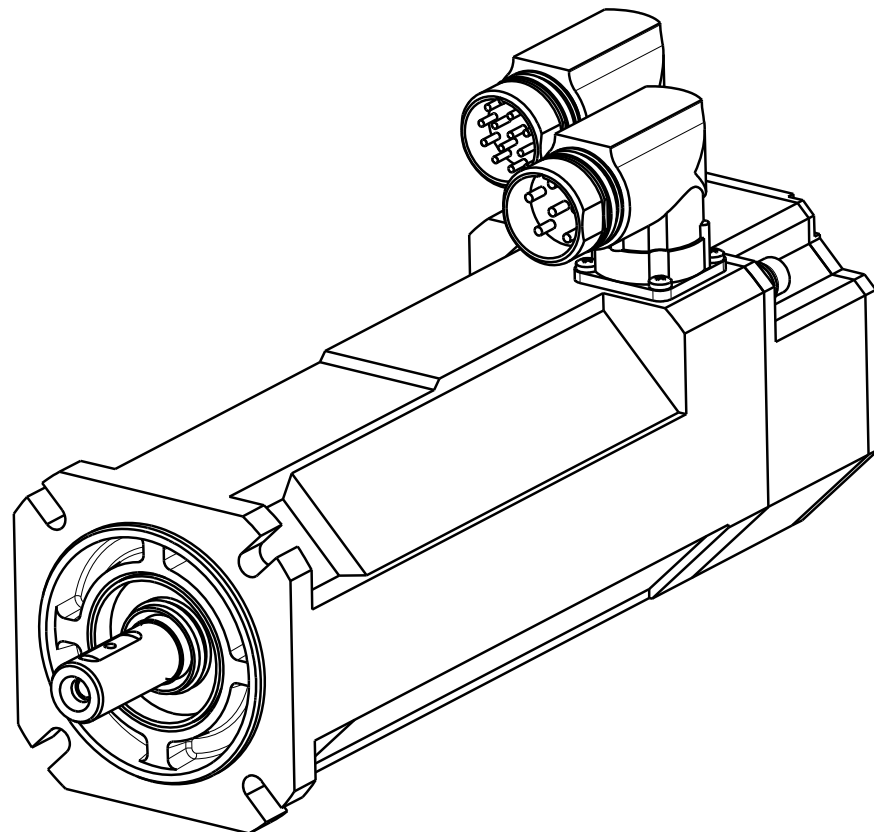


|  Power Connector<br>Type: M23 Size 1-5 + PE |             |
|--|-------------|
| Pin  | Description |
| 1  | Phase A     |
| 2  | Phase B     |
| 3  | GND         |
| 4  | BR+(Option) |
| 5  | BR-(Option) |
| 6  | Phase C     |
| For motors with Inom<=30 Arms  |             |

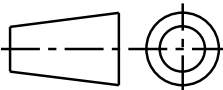
## Signal Connector

### Type: M23 Size 1-17 Pin

| Pin | EnDat Code:C,M,N,U,Q | Resolver Code:R | SinCos Code:S  |
|-----|----------------------|-----------------|----------------|
| 1   | A+                   | n.c.            | A+             |
| 2   | A-                   | n.c.            | A-             |
| 3   | DATA+                | n.c.            | I+(Index)      |
| 4   | PTC+                 | SIN-,1 c/r      | Sin-(C-),1 c/r |
| 5   | CLOCK+               | COS+,1 c/r      | Cos+(D-),1 c/r |
| 6   | n.c.                 | COS-,1 c/r      | Cos-(D+),1 c/r |
| 7   | 0 V                  | RESEX+          | 0 V            |
| 8   | KTY84+**             | KTY84+**        | PTC+           |
| 9   | KTY84-**             | KTY84-**        | PTC-KTY-**     |
| 10  | +Vcc                 | RESEX-          | +Vcc(5Vdc)     |
| 11  | B+                   | n.c.            | B+             |
| 12  | B-                   | n.c.            | B-             |
| 13  | DATA-                | n.c.            | I-(Index)      |
| 14  | CLOCK-               | SIN+,1 c/r      | Sin+(C+),1 c/r |
| 15  | 0V sense             | n.c.            | 0V sense       |
| 16  | Vcc sense            | PTC+            | +Vcc sense     |
| 17  | PTC-                 | PTC-            | KTY+**         |



Option "K": key 5 x 5 x 20

|   |  |   |  |                                    |  |
|---|--|---|--|------------------------------------|--|
| 材质<br>Material                                      |  |  |  | 项目<br>Project-Prod.item/Instrument |  |
| 处理<br>Treatment                                     |  |   |  | U30304.CH                          |  |
| 几何公差<br>GB/T1184 (ISO 2768-2) Geometrical tolerance |  | K   |  | 描述<br>Description                  |  |
| 未注公差<br>GB/T1804 (ISO 2768-1) Linear tolerance      |  | m   |  | 1x45°                              |  |
| 角度公差<br>GB/T1804 (ISO 2768-1) Angular tolerance     |  | m   |  | 未注圆角<br>Undimensioned radii        |  |
| 0.5<br>+3   |  | >3+<br>6  |  | >6+<br>30                          |  |
| >30+<br>120   |  | >120<br>+400  |  | >400+<br>1000                      |  |
| >1000<br>+2000                                      |  | >2000<br>+4000  |  | 电机总装                               |  |
| ±0.1  |  | ±0.1  |  | ±0.2                               |  |
| ±0.3  |  | ±0.5  |  | ±0.8                               |  |
| ±1.2  |  | ±2  |  | R0,5                               |  |
| 年,月,日<br>Date                                       |  | 名字<br>Name  |  | 图号<br>Drawing No.                  |  |
| 设计<br>Designed                                      |  | 30/03/10  |  | PMC                                |  |
| 校对<br>Checked                                       |  | 04/06/16  |  | PMCNB                              |  |
| 审核<br>Approved                                      |  |   |  |                                    |  |
| 版本<br>Rev   |  | 比例<br>Scale   |  | 重量<br>Kg                           |  |
| B   |  | 1:2   |  | 4.257                              |  |
| 数量<br>Qty   |  | 页码<br>Sheet   |  | 1/1                                |  |
|   |  |   |  |                                    |  |



NINGBO Ltd.  
宁波菲仕电机技术有限公司

|           |      |
|-----------|------|
| Approved  |      |
| Signature | Date |
|           |      |