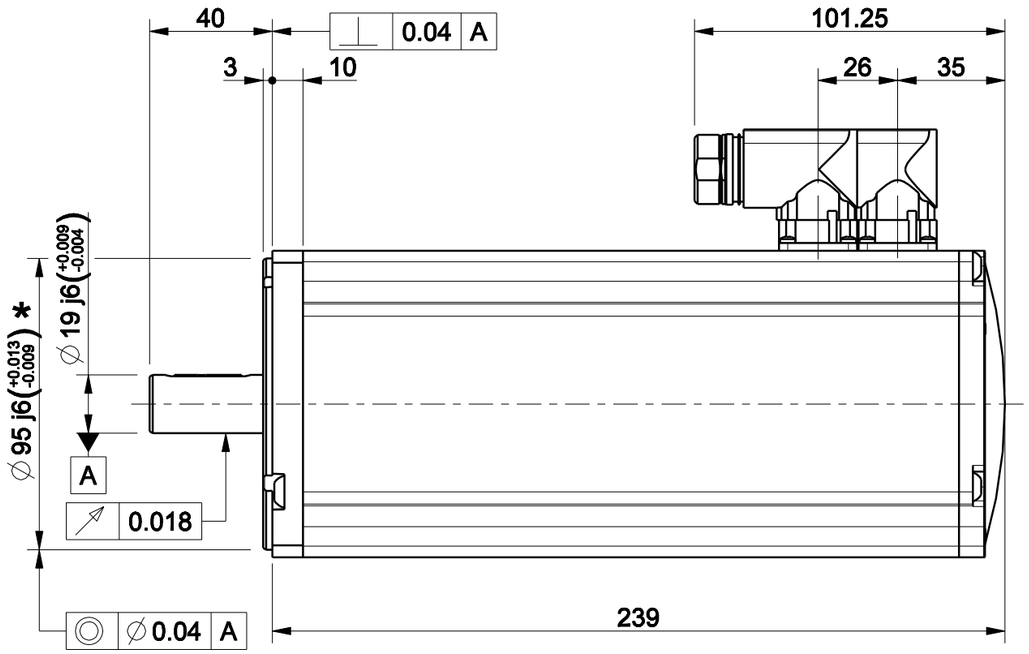
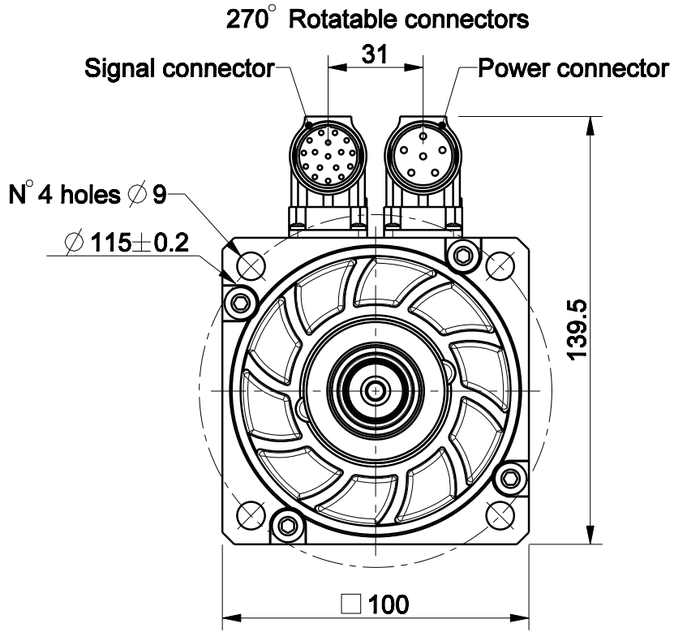
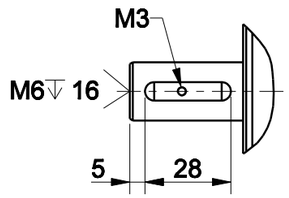
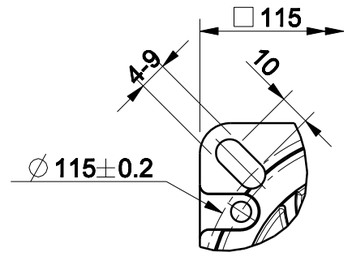


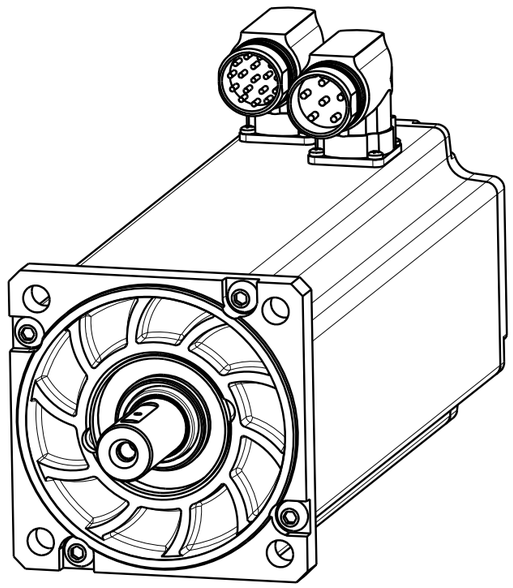




Option "K": full key 6 x 6 x 28




Option "L": flange 115 x 115
* 110 j6 (+0.013 -0.009) for Option "L"



**Power Connector**
**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+** |

**Approved**

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

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 材质 Material . | | | | | | | | | 项目 Project-Prod.item/Instrument U30506.CH |
| 处理 Treatment . | | | | | | | | | |
| 几何公差 | GB/T1184 (ISO 2768-2) Geometrical tolerance | | | | | | | K | 未注倒角 Undimensioned chamfers 1x45° |
| 未注公差 | GB/T1804 (ISO 2768-1) Linear tolerance | | | | | | | m | 描述 Description MOTOR ASSEMBLY |
| 角度公差 | GB/T1804 (ISO 2768-1) Angular tolerance | | | | | | | m | |
| 0.5 +3 | >3+ 6 | >6+ 30 | >30+ 120 | >120 +400 | >400+ 1000 | >1000 +2000 | >2000 +4000 | | 未注圆角 Undimensioned radii R0,5 |
| ±0.1 | ±0.1 | ±0.2 | ±0.3 | ±0.5 | ±0.8 | ±1.2 | ±2 | | 电机总装 |

| | 年,月,日 Date | 名字 Name | | |
|---|---|---|---|---|
| 设计 Designed | 20/07/10 | PMC | PHASE MOTION CONTROL NINGBO Ltd. 宁波菲仕电机技术有限公司 | 图号 Drawing No. 53183N-0-A-3 / 版本 Rev A |
| 校对 Checked | 04/06/16 | PMCNB | | 比例 Scale 1:2 |
| 审核 Approved | . | | | 重量 Kg Mass 6.464 / 数量 Qty / 页码 Sheet 1/1 |