

Technical drawing of a motor assembly, showing multiple views (front, side, top, and detail) and associated specifications.

Dimensions and Tolerances:

- Overall length: 406.2
- Overall width: 184
- Flange diameter: $\phi 165 \pm 0.2$
- Flange thickness: 14.5
- Mounting hole diameter: $\phi 11$
- Mounting hole spacing: 36
- Shaft diameter: $\phi 24 \text{ j6 } (+0.009, -0.004)$
- Shaft length: 130 j6 (+0.014, -0.011)
- Shaft key: M8 $\nabla 19$, 8 x 7 x 32
- Shaft key tolerance: 0.018
- Shaft key position: 0.04 A
- Shaft key length: 34.2
- Shaft key offset: 26
- Shaft key diameter: 100.5

Connectors:

- Power Connector: M23 Size 1-5 + PE
- Signal Connector: M23 Size 1-17 Pin

Pinout Tables:

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

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-	Sin-(C-)
5	CLOCK+	COS+	Cos+(D-)
6	n.c.	COS-	Cos-(D+)
7	0 V	RESEX+	0 V
8	KTY+	KTY+	PTC+
9	KTY-	KTY-	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+	Sin+(C+)
15	0V sensor	n.c.	0V sensor
16	Vcc sensor	PTC+	+Vcc sensor
17	PTC-	PTC-	KTY+

Approval:

Approved

Signature: _____ Date: _____

Option "K": full key 8 x 7 x 32

Material and Treatment:

Material	Treatment
GB/T1184 (ISO 2768-2) Geometrical tolerance	K
GB/T1804 (ISO 2768-2) Linear tolerance	m
Angular tolerance	m

Chamfers:

- 1x45°
- R0,5

Project Information:

Project-Prod.item/Instrument: U30740B

Description: MOTOR ASSEMBLY

电机总装

Drawing No.: U740B-000

Weight: 27.967 Kg

Quantity: 1/1

Version: A

Scale: 1:2

Sheet: 1/1