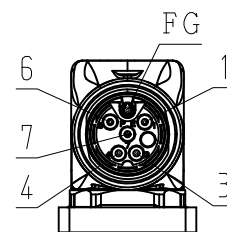


1	PG5V
2	PG0V
3	FRAME GROUND
4	—
5	—
6	DATA (+)
7	DATA (—)
8	—
CON. CASE	FRAME GROUND

## NOTES

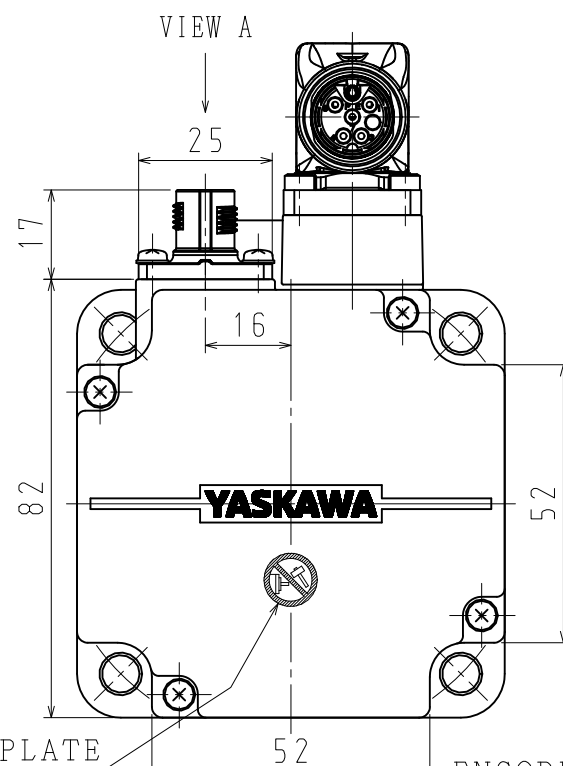
- ## MOTOR TERMINAL CONNECTION

1	BRAKE
3	PHASE U
4	PHASE V
6	BRAKE
7	PHASE W
FG	FRAME GROUND
CON. CASE	FRAME GROUND



VIEW B

RECEPTACLE SIZE:M17  
HOUSING:ST-5EP1N8AA500S  
MAKER:PHOENIX CONTACT

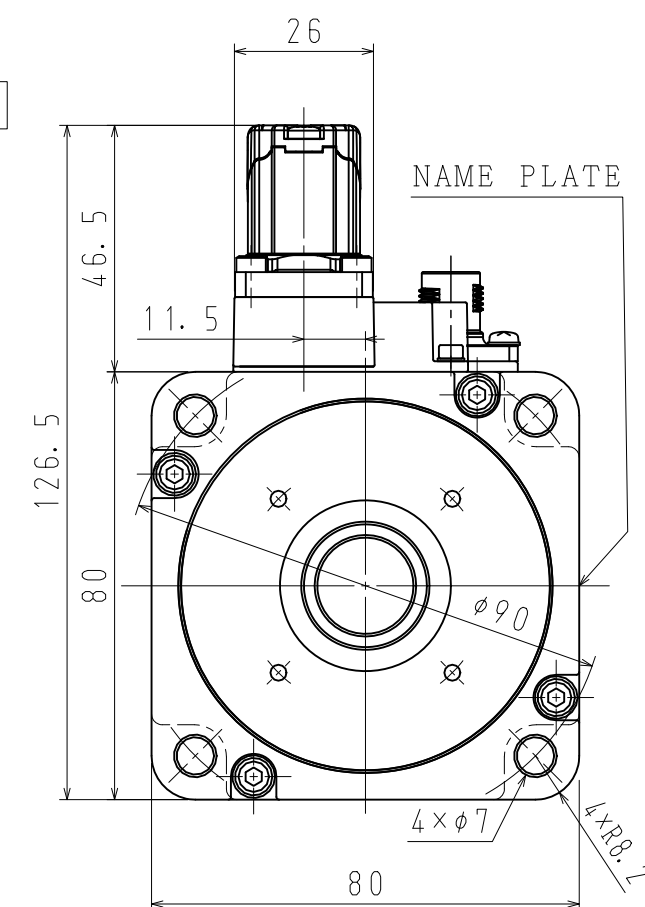


HOLDING BRAKE/ NAME PLATE/ /NAME PLATE  
BEARING  
 DO NOT USE AS FIXATION OF LOAD.

10. DO NOT TOUCH EACH OF CONNECTOR PINS DIRECTLY.  
IT CAUSES FAILURE.
11. MOTOR CONNECTOR COULD BE TURNED IN THE RANGE OF ☆  
WITHIN 10 TIMES.

Technical drawing of a bolt and nut assembly. The bolt is shown in side and end views with dimensions: length  $22_{-0.21}^0$ , head diameter  $6_{-0.030}^0$ , and head height  $3.5_{-0.12}^{+0.1}$ . The nut is shown in side and end views with dimensions: height  $6_{-0.030}^0$  and thread specification M6 x 10.

ITEM NO. 7 SUPPLIES A KEY.



RATED OUTPUT (W)	HOLDING BRAKE SPECIFICATIONS			
	MOMENT OF INERTIA $GD^2/4$ (kg · m <sup>2</sup> )	HOLDING TORQUE (N · m)	RATED VOLTAGE	CAPACITY (W)
750	$1.8 \times 10^{-5}$	2.39	DC24V ±10%	6.5

ITEM NO.	TYPE	SHAFT TYPE	L (mm)	LL (mm)	LM (mm)	RATED OUTPUT (W)	RATED TORQUE (N · m)	TIME RATING	RATED SPEED (min <sup>-1</sup> )	VOLTAGE (V rms)	RATED CURRENT (A rms)	THERMAL CLASS	WEIGHT (kg)	ALLOWABLE RADIAL LOAD Fr (N)	ALLOWABLE THRUST LOAD Fs (N)
1	SGM7A-08DFF2C	STRAIGHT	193.5	153.5	79	750	2.39	CONT.	3000	400	2.2	B	3.0	392	147
2	SGM7A-08DFF6C	KEY+TAP								(3PHASE)					

SCALE 1 :  $\sqrt{2}$ 

DRWN.	K. ARAI
CHKD.	T. HIROSE
APRV.	K. AOKI

TITLE	AC SERVOMOTOR $\Sigma$ -7 SERIES
	SGM7A MODEL 750W

DRWN. DATE	JUN. 09, ' 15
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DWG. NO.	900-180-724
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REV.
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REV.

SIZE	A3
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