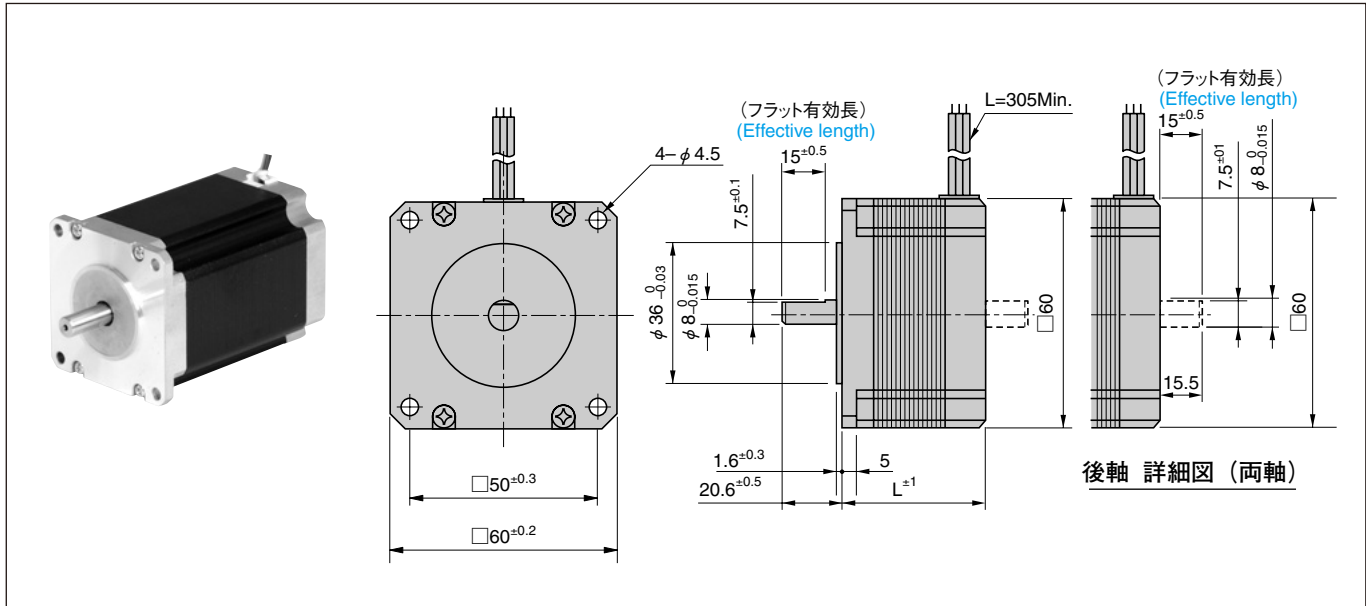




60mm (23 Model) 0.72°HB タイプ TYPE

CE 対応
Self-certification products



形式 Type number		定格電圧 Rated Voltage	定格電流 Rated Current	巻線抵抗 Winding Resistance	ホールディング トルク Holding Torque	モータ長 Motor Length L mm	ロータ イナーシャ Rotor Inertia 10 ⁻⁷ kg·m ²	質量 Mass kg	ドライバの組合せ/特性 Combined driver / charact.				
片軸 Single Shaft	両軸 Dual Shaft	V/Phase	A/Phase	Ω/Phase	N·m(kgf·cm)				AU9112	AU9116N1	AU9118N1	AU9119N1	AU9151N1
TS3624N1E1	TS3624N21E1	1.95	0.75	2.6	0.42 (4.2)	48.5	175	0.5	図1-1 Fig.	図2-1 Fig.	図3-1 Fig.	—	図5-1 Fig.
TS3624N1E2	TS3624N21E2	1.12	1.4	0.8	0.42 (4.2)	48.5	175	0.5	図1-2 Fig.	図2-2 Fig.	図3-2 Fig.	—	図5-2 Fig.
TS3624N2E3	TS3624N22E3	2.55	0.75	3.4	0.6 (6.0)	56.5	220	0.7	図1-3 Fig.	図2-3 Fig.	図3-3 Fig.	—	図5-3 Fig.
TS3624N2E4	TS3624N22E4	1.54	1.4	1.1	0.6 (6.0)	56.5	220	0.7	図1-4 Fig.	図2-4 Fig.	図3-4 Fig.	—	図5-4 Fig.
TS3624N3E5	TS3624N23E5	2.52	1.4	1.8	1.3 (13)	86.5	440	1.2	図1-5 Fig.	図2-5 Fig.	図3-5 Fig.	—	図5-5 Fig.
TS3624N3E6	TS3624N23E6	1.82	2.8	0.65	1.3 (13)	86.5	440	1.2	—	—	—	図4-1 Fig.	—

- ラジアルプレイ ————— 0.025mm Max. at the load
Radial play 4.9N(0.5kgf)
- スラストプレイ ————— 0.075mm Max. at the load
Thrust play 9.8N(1.0kgf)

- 絶縁抵抗 ————— 100MΩ Min (at DC500V)
Insulation resistance
- 絶縁耐圧 ————— AC 500V (1min)
Dielectric strength
- 使用周囲温度 ————— -20~+50°C
Operating temperature range
- 許容温度上昇 ————— 80°C Max (Resistance method)
Permissible temperature rise

※ご注意：モータのケース表面温度は90°C以下でお使いください。
※NOTE: Do not allow the surface temperature of the motor case to rise above 90°C during operation.

パルスレイトートルク特性 (プルアウトトルク)

PULSE RATE VS TORQUE CHARACTERISTICS (Pull-out Torque)

ドライバ Driver AU9112

共通試験条件
GEN. TEST COND.
fs: MAXIMUM STARTING PULSE RATE
INPUT VOLTAGE DC24V
— FULL STEP 0.72°/STEP
- - - HALF STEP 0.36°/STEP
PULLEY INERTIA : 100 g·cm²

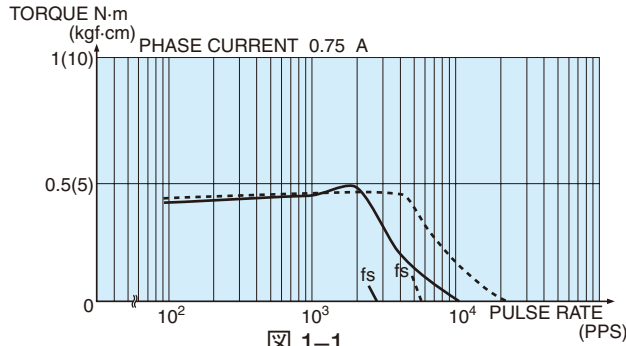


図 1-1
Fig.

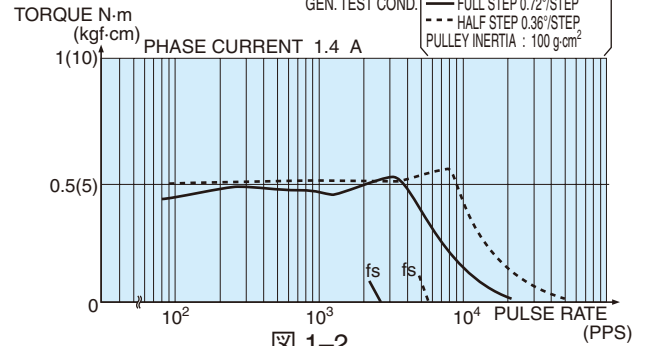


図 1-2
Fig.

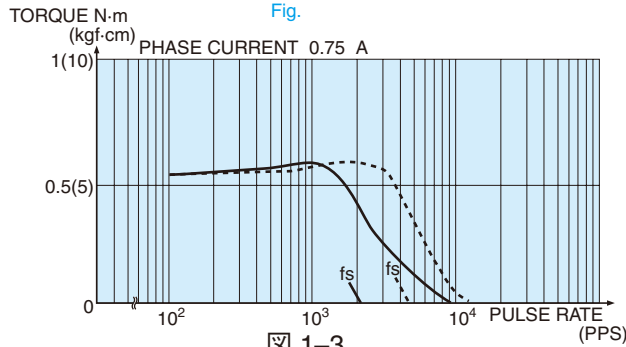


図 1-3
Fig.

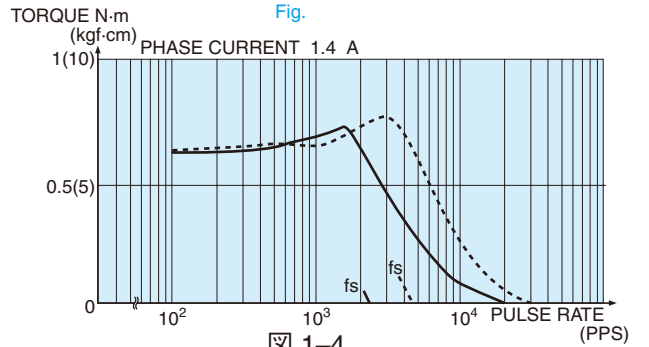


図 1-4
Fig.

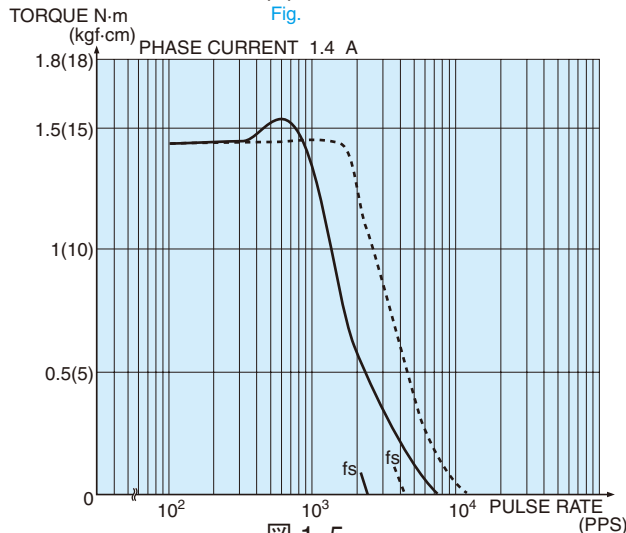


図 1-5
Fig.

ドライバ Driver AU9116N1

共通試験条件
GEN. TEST COND.
fs: MAXIMUM STARTING PULSE RATE
INPUT VOLTAGE DC24V
— 分割数: 1, 0.72°/STEP
- - - 分割数: 2, 0.36°/STEP
PULLEY INERTIA : 100 g·cm²

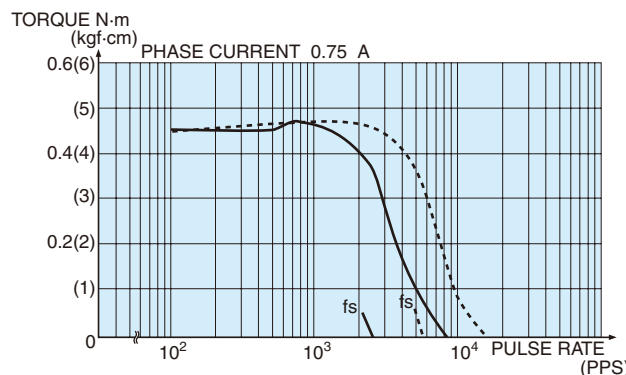


図 2-1
Fig.

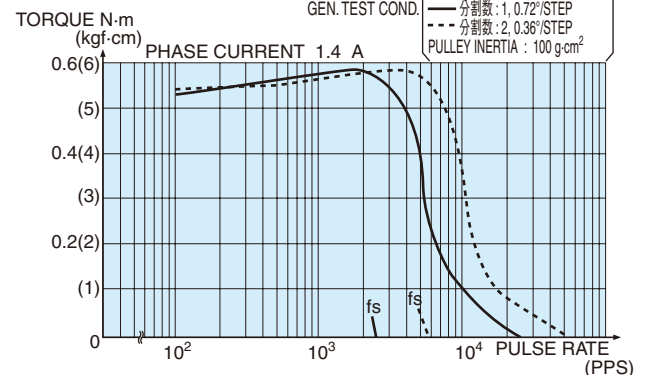


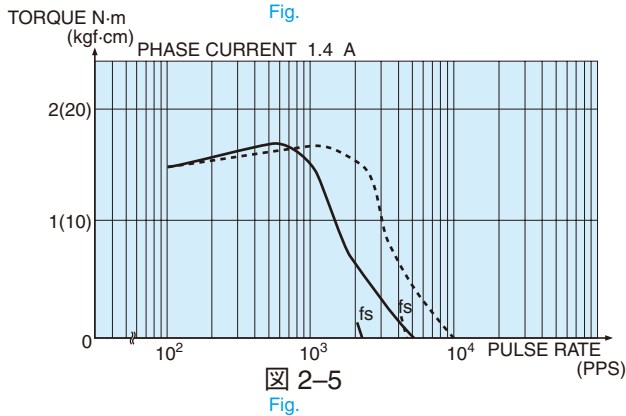
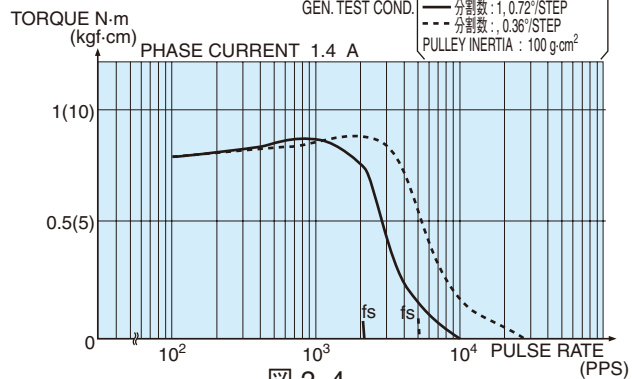
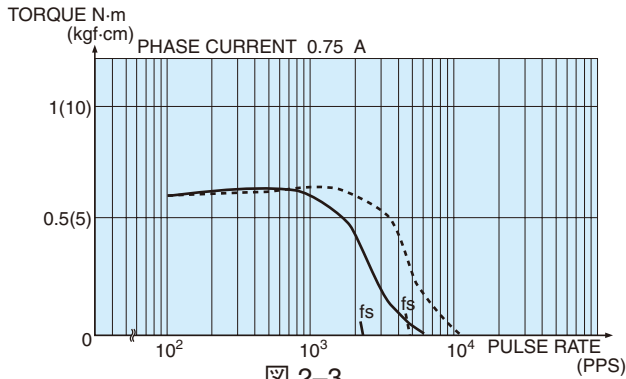
図 2-2
Fig.

パルスレートートルク特性 (プリアウトトルク)

PULSE RATE VS TORQUE CHARACTERISTICS (Pull-out Torque)

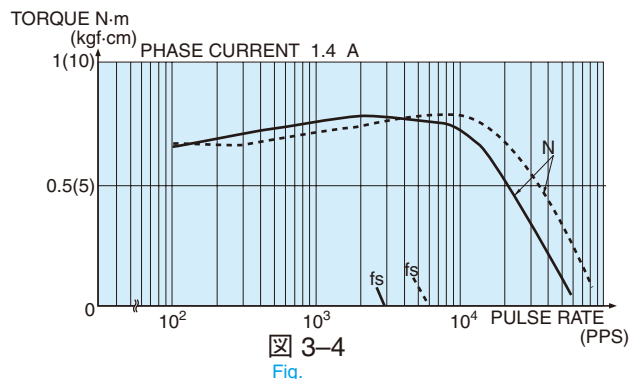
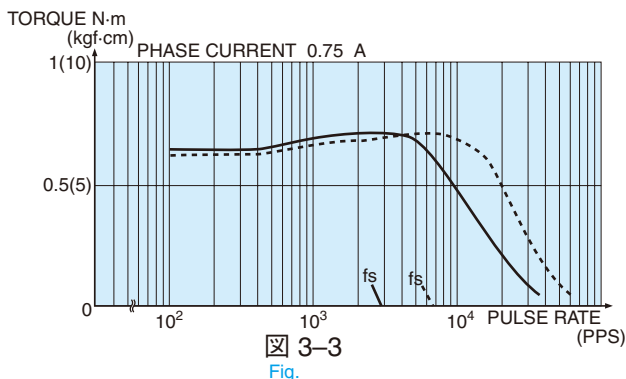
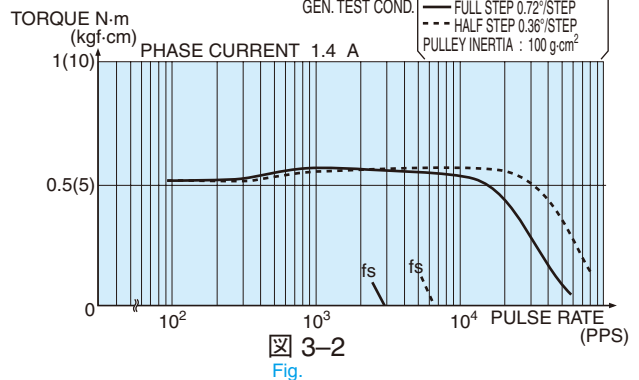
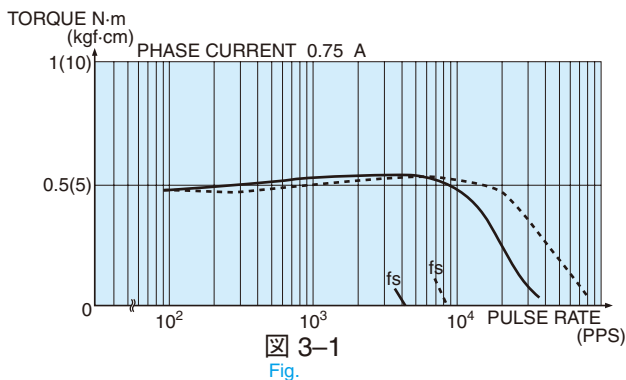
ドライバ Driver AU9116N1

共通試験条件
GEN. TEST COND.
fs: MAXIMUM STARTING PULSE RATE
INPUT VOLTAGE DC24V
— 分割数: 1, 0.72°/STEP
- - - 分割数: 0.36°/STEP
PULLEY INERTIA: 100 g·cm²



ドライバ Driver AU9118N1

共通試験条件
GEN. TEST COND.
fs: MAXIMUM STARTING PULSE RATE
INPUT VOLTAGE AC100V
— FULL STEP 0.72°/STEP
- - - HALF STEP 0.36°/STEP
PULLEY INERTIA: 100 g·cm²



ドライバ Driver AU9118N1

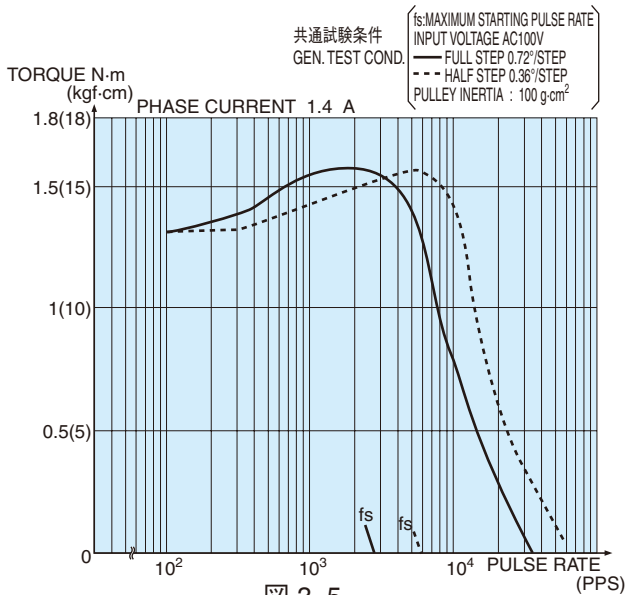


図 3-5
Fig.

ドライバ Driver AU9119N1

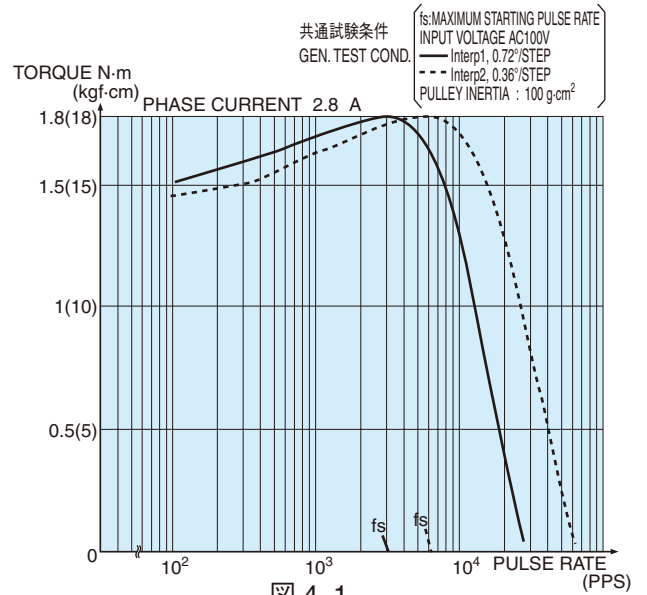


図 4-1
Fig.

ドライバ Driver AU9151N1

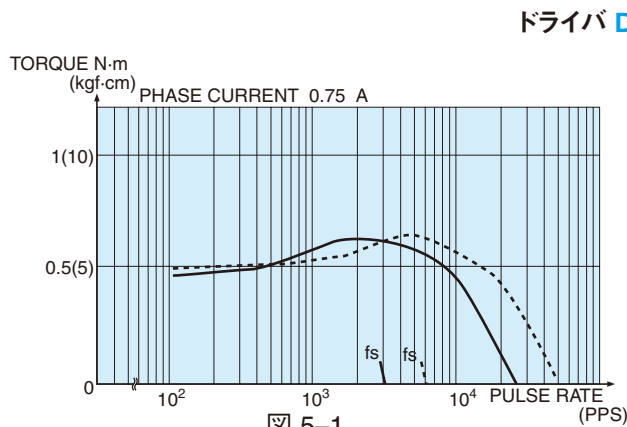


図 5-1
Fig.

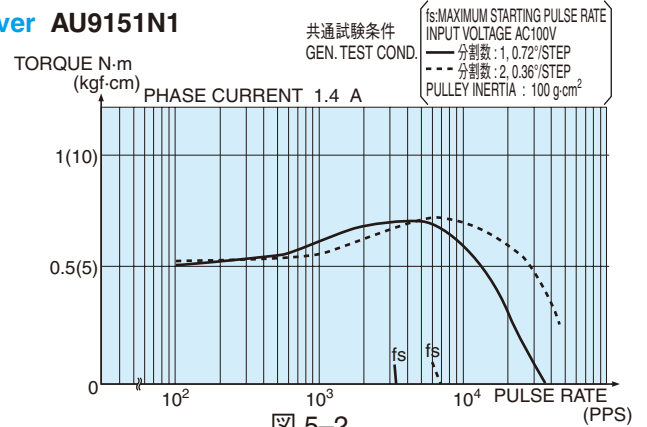


図 5-2
Fig.

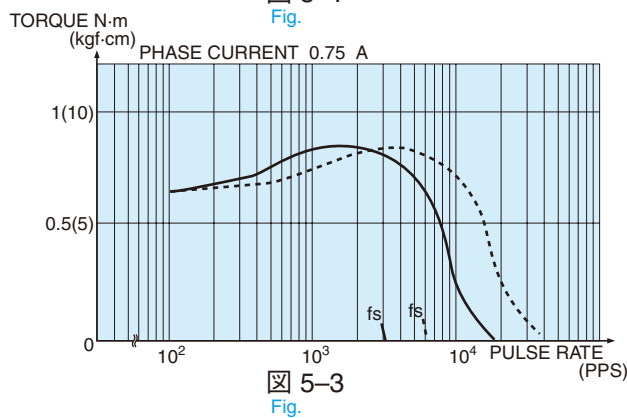


図 5-3
Fig.

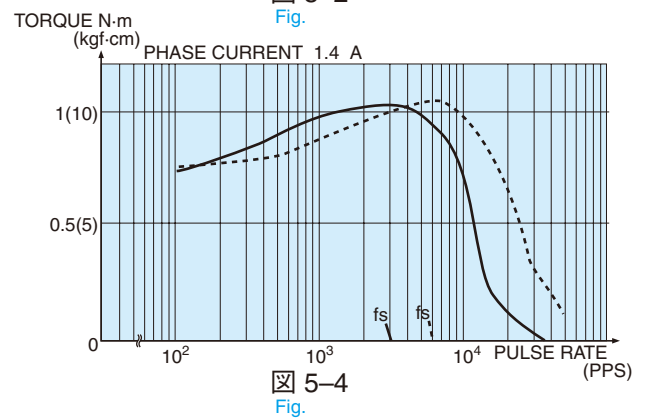


図 5-4
Fig.

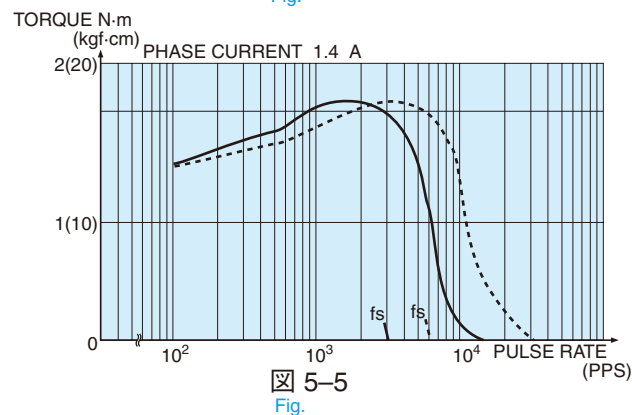


図 5-5
Fig.