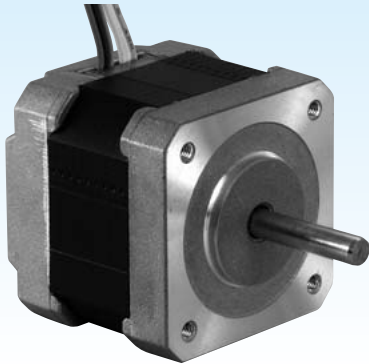


SST42D SERIES

42mm (NEMA 17)



ハイブリッドステップモータ(2相)

2 Phase Hybrid Step Motor

標準タイプ Standard Model

1.8°

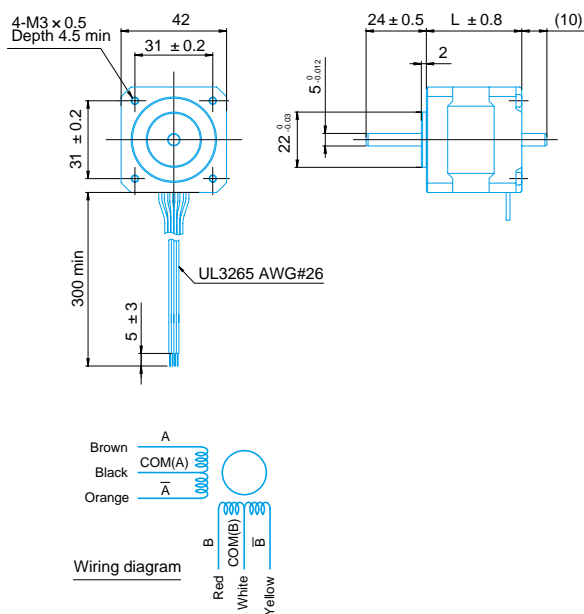
RoHS

Unipolar

SPECIFICATIONS

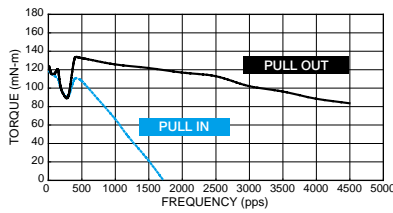
MODEL	STEP ANGLE	VOLTAGE	CURRENT	RESISTANCE	INDUCTANCE	HOLDING TORQUE	ROTOR INERTIA	NUMBER OF LEADS	MASS	LENGTH
	deg	V	A/	/	mH/	mN-m	g-cm ²	LEAD	g	mm
SST42D110X	1.8	3.7	0.95	3.9	3.6	186	27	6	180	31
SST42D107X	1.8	5.3	0.70	7.6	6.8	186	27	6	180	31
SST42D104X	1.8	10.5	0.35	30.0	21.7	166	27	6	180	31
SST42D102X	1.8	16.5	0.22	75.0	53.0	166	27	6	180	31
SST42D212X	1.8	3.7	1.20	3.1	4.2	313	48	6	270	38
SST42D209X	1.8	5.1	0.90	5.7	6.8	313	48	6	270	38
SST42D207X	1.8	6.7	0.70	9.5	11.8	313	48	6	270	38
SST42D204X	1.8	12.0	0.40	30.0	34.3	313	48	6	270	38
SST42D203X	1.8	18.8	0.25	75.0	72.8	294	48	6	270	38

└─ 末尾 (Final Number) 0 : 片軸 (Single Shaft) 1 : 両軸 (Double Shaft)

DIMENSIONS (Example)

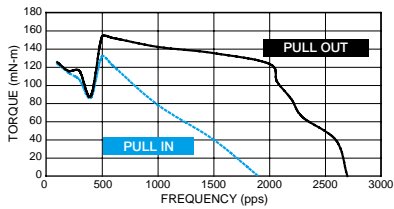
SST42D1100

DRIVER : TYPE B (Vs=24v)
CURRENT = 0.95 A/Phase
EXCITING MODE = 2 Phase
INERTIA LOAD : 3g-cm²



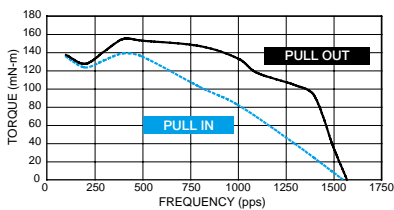
SST42D1070

DRIVER : TYPE B (Vs=24v)
CURRENT = 0.7 A/Phase
EXCITING MODE = 2 Phase
INERTIA LOAD : 3g-cm²



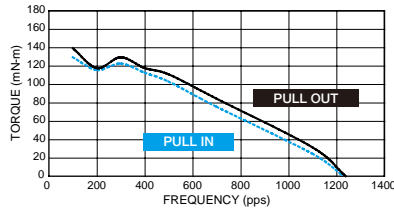
SST42D1040

DRIVER : TYPE B (Vs=24v)
CURRENT = 0.38 A/Phase
EXCITING MODE = 2 Phase
INERTIA LOAD : 3g-cm²



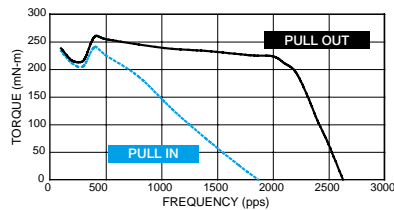
SST42D1020

DRIVER : TYPE A (C=1μF)
VOLTAGE = 24V(Vs)
EXCITING MODE = 2 Phase
INERTIA LOAD : 3g-cm²



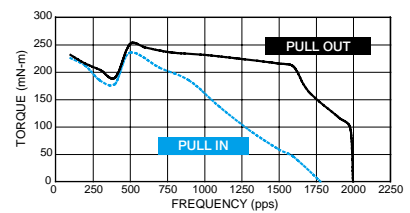
SST42D2120

DRIVER : TYPE B (Vs=24v)
CURRENT = 1.2 A/Phase
EXCITING MODE = 2 Phase
INERTIA LOAD : 3g-cm²



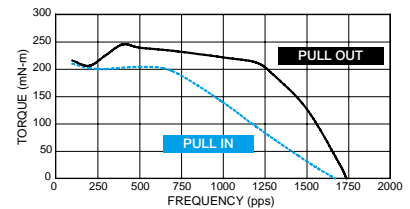
SST42D2090

DRIVER : TYPE B (Vs=24v)
CURRENT = 0.9 A/Phase
EXCITING MODE = 2 Phase
INERTIA LOAD : 3g-cm²



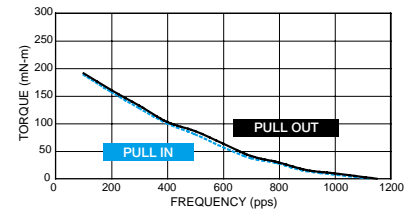
SST42D2070

DRIVER : TYPE B (Vs=24v)
CURRENT = 0.7 A/Phase
EXCITING MODE = 2 Phase
INERTIA LOAD : 3g-cm²



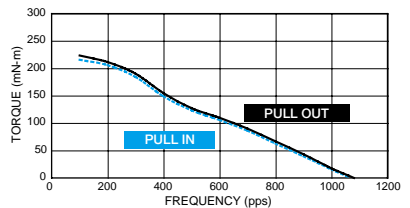
SST42D2040

DRIVER : TYPE A (C=1 μ F)
VOLTAGE = 12V(Vs)
EXCITING MODE = 2 Phase
INERTIA LOAD : 3g-cm²



SST42D2030

DRIVER : TYPE A (C=1 μ F)
VOLTAGE = 24V(Vs)
EXCITING MODE = 2 Phase
INERTIA LOAD : 3g-cm²



INFORMATION

ご要求に応じて、巻線を最適にデザインいたします。
We can optimize motor winding based on customer requests.
ご要求に応じて、バイポーラ駆動仕様への変更も対応が可能です。
Bipolar motor design is also available.

モータ部寸のバリエーションは22.5 ~ 49.5mmがあります。
Available motor length 22.5 ~ 49.5mm

ご注意：使用ドライバ、駆動条件によっては、モータがかなり発熱することがあります。モータの外被温度は100℃以下でお使いください。
Note : Depending on driver and driving condition, motor may generate excessive temperature. Recommended temperature on motor surface is 100°C max.