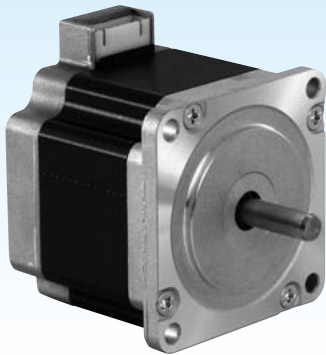


SST59D SERIES

56mm (NEMA 23)



ハイブリッドステップモータ (2相) 2 Phase Hybrid Step Motor

バイポーラ標準タイプ Bipolar Standard Model

1.8°

RoHS

Bipolar

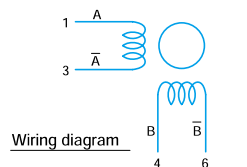
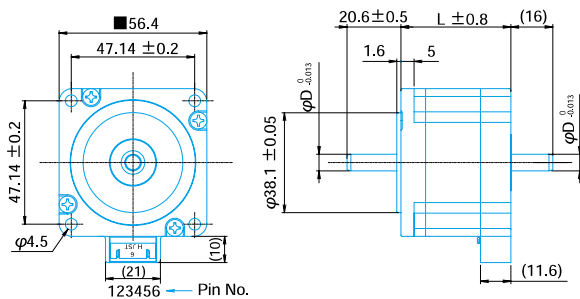
Post Connector

SPECIFICATIONS

MODEL	STEP ANGLE	VOLTAGE	CURRENT	RESISTANCE	INDUCTANCE	HOLDING TORQUE	ROTOR INERTIA	NUMBER OF LEADS	MASS	LENGTH
	deg	V	A/φ	Ω/φ	mH/φ	mN·m	g·cm ²	LEAD	kg	mm
SST59D110X	1.8	3.29	1.4	2.35	7.5	870	145	4	0.51	42.0
SST59D115X	1.8	2.21	2.1	1.05	3.4	870	145	4	0.51	42.0
SST59D120X	1.8	1.82	2.8	0.65	2.0	880	145	4	0.51	42.0
SST59D125X	1.8	1.51	3.5	0.43	1.3	890	145	4	0.51	42.0
SST59D130X	1.8	1.30	4.2	0.31	0.9	870	145	4	0.51	42.0
SST59D210X	1.8	3.85	1.4	2.75	9.2	1200	210	4	0.62	48.5
SST59D215X	1.8	2.52	2.1	1.20	4.1	1200	210	4	0.62	48.5
SST59D220X	1.8	1.96	2.8	0.70	2.4	1220	210	4	0.62	48.5
SST59D225X	1.8	1.68	3.5	0.48	1.6	1240	210	4	0.62	48.5
SST59D230X	1.8	1.43	4.2	0.34	1.1	1200	210	4	0.62	48.5
SST59D310X	1.8	4.41	1.4	3.15	11.1	1410	245	4	0.71	54.5
SST59D315X	1.8	2.94	2.1	1.40	5.1	1410	245	4	0.71	54.5
SST59D320X	1.8	2.38	2.8	0.85	3.0	1440	245	4	0.71	54.5
SST59D325X	1.8	1.93	3.5	0.55	2.0	1460	245	4	0.71	54.5
SST59D330X	1.8	1.72	4.2	0.41	1.3	1410	245	4	0.71	54.5
SST59D510X	1.8	6.72	1.4	4.80	19	2400	470	4	1.11	77.5
SST59D515X	1.8	4.41	2.1	2.10	8.4	2400	470	4	1.11	77.5
SST59D520X	1.8	3.50	2.8	1.25	4.9	2440	470	4	1.11	77.5
SST59D525X	1.8	2.98	3.5	0.85	3.3	2480	470	4	1.11	77.5
SST59D530X	1.8	2.52	4.2	0.60	2.2	2400	470	4	1.11	77.5

↑末尾(Final Number) 5 : 片軸(Single Shaft) 6 : 両軸(Double Shaft)

DIMENSIONS (Example)

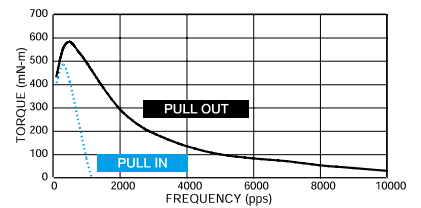


Header	JST : S 6B-XH-A-1
Mating connector	JST : XHP-6

MODEL	φD (mm)
SST59D1***	φ6.35
SST59D2***	φ6.35
SST59D3***	φ6.35
SST59D5***	φ8

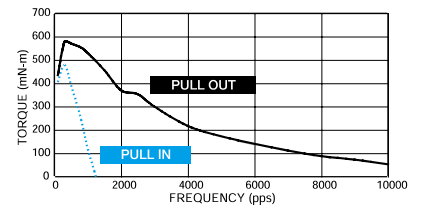
SST59D1105

DRIVER : TYPE D
VOLTAGE = DC24V
CURRENT = 1.4 A/Phase
EXCITING MODE = 2 Phase
INERTIA LOAD : 100g·cm²



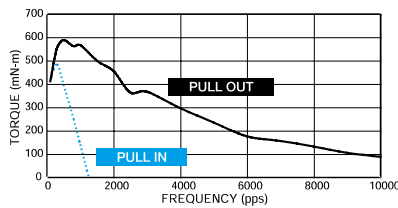
SST59D1155

DRIVER : TYPE D
VOLTAGE = DC24V
CURRENT = 2.1 A/Phase
EXCITING MODE = 2 Phase
INERTIA LOAD : 100g·cm²



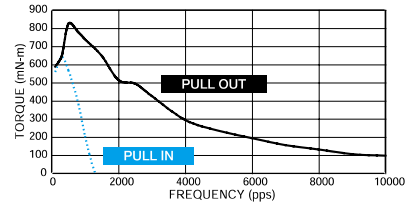
SST59D1205

DRIVER : TYPE D
 VOLTAGE = DC24V
 CURRENT = 2.8 A/Phase
 EXCITING MODE = 2 Phase
 INERTIA LOAD : 100g-cm²



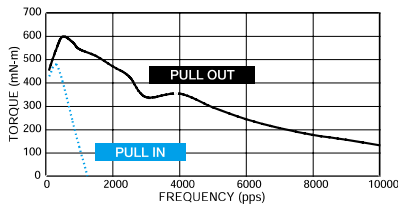
SST59D2205

DRIVER : TYPE D
 VOLTAGE = DC24V
 CURRENT = 2.8 A/Phase
 EXCITING MODE = 2 Phase
 INERTIA LOAD : 100g-cm²



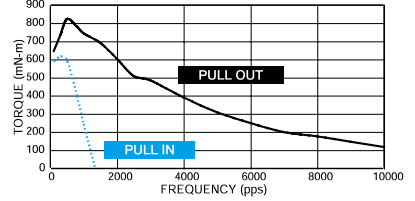
SST59D1255

DRIVER : TYPE D
 VOLTAGE = DC24V
 CURRENT = 3.5 A/Phase
 EXCITING MODE = 2 Phase
 INERTIA LOAD : 100g-cm²



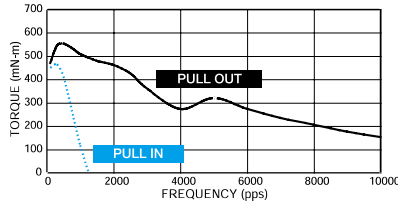
SST59D2255

DRIVER : TYPE D
 VOLTAGE = DC24V
 CURRENT = 3.5 A/Phase
 EXCITING MODE = 2 Phase
 INERTIA LOAD : 100g-cm²



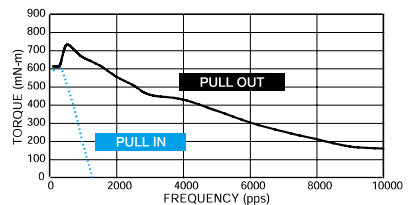
SST59D1305

DRIVER : TYPE D
 VOLTAGE = DC24V
 CURRENT = 4.2 A/Phase
 EXCITING MODE = 2 Phase
 INERTIA LOAD : 100g-cm²



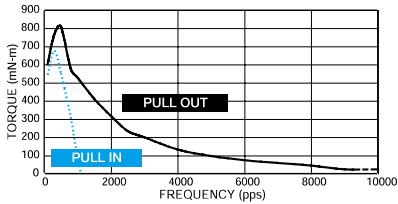
SST59D2305

DRIVER : TYPE D
 VOLTAGE = DC24V
 CURRENT = 4.2 A/Phase
 EXCITING MODE = 2 Phase
 INERTIA LOAD : 100g-cm²



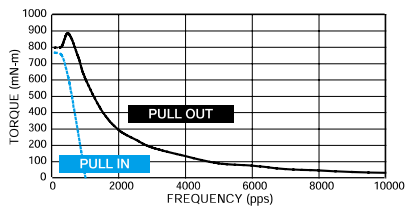
SST59D2105

DRIVER : TYPE D
 VOLTAGE = DC24V
 CURRENT = 1.4 A/Phase
 EXCITING MODE = 2 Phase
 INERTIA LOAD : 100g-cm²



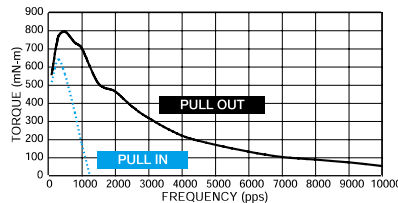
SST59D3105

DRIVER : TYPE D
 VOLTAGE = DC24V
 CURRENT = 1.4 A/Phase
 EXCITING MODE = 2 Phase
 INERTIA LOAD : 100g-cm²



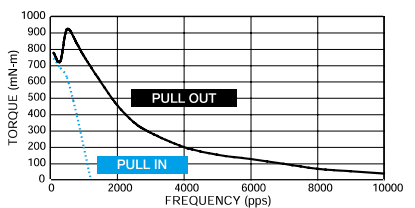
SST59D2155

DRIVER : TYPE D
 VOLTAGE = DC24V
 CURRENT = 2.1 A/Phase
 EXCITING MODE = 2 Phase
 INERTIA LOAD : 100g-cm²



SST59D3155

DRIVER : TYPE D
 VOLTAGE = DC24V
 CURRENT = 2.1 A/Phase
 EXCITING MODE = 2 Phase
 INERTIA LOAD : 100g-cm²



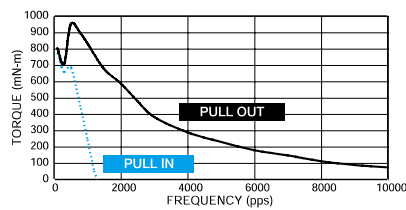
INFORMATION

- ご要望に応じて、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.

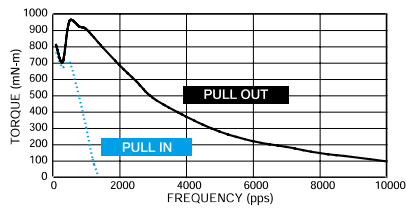
SST59D3205

DRIVER : TYPE D
 VOLTAGE = DC24V
 CURRENT = 2.8 A/Phase
 EXCITING MODE = 2 Phase
 INERTIA LOAD : 100g-cm²



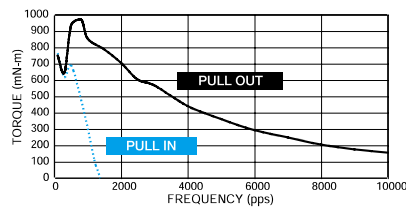
SST59D3255

DRIVER : TYPE D
 VOLTAGE = DC24V
 CURRENT = 3.5 A/Phase
 EXCITING MODE = 2 Phase
 INERTIA LOAD : 100g-cm²



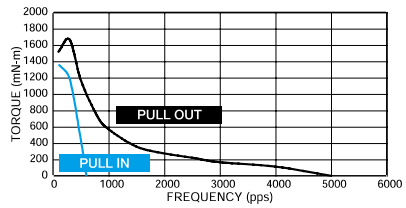
SST59D3305

DRIVER : TYPE D
 VOLTAGE = DC24V
 CURRENT = 4.2 A/Phase
 EXCITING MODE = 2 Phase
 INERTIA LOAD : 100g-cm²



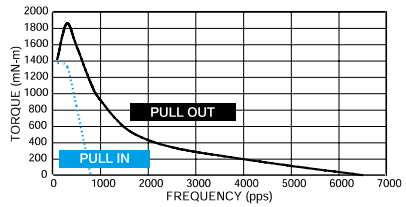
SST59D5105

DRIVER : TYPE D
 VOLTAGE = DC24V
 CURRENT = 1.4 A/Phase
 EXCITING MODE = 2 Phase
 INERTIA LOAD : 100g-cm²



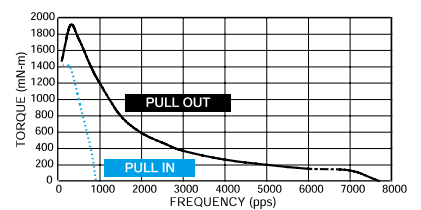
SST59D5155

DRIVER : TYPE D
 VOLTAGE = DC24V
 CURRENT = 2.1 A/Phase
 EXCITING MODE = 2 Phase
 INERTIA LOAD : 100g-cm²



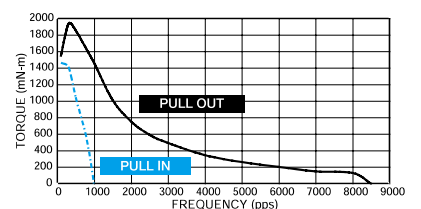
SST59D5205

DRIVER : TYPE D
 VOLTAGE = DC24V
 CURRENT = 2.8 A/Phase
 EXCITING MODE = 2 Phase
 INERTIA LOAD : 100g-cm²



SST59D5255

DRIVER : TYPE D
 VOLTAGE = DC24V
 CURRENT = 3.5 A/Phase
 EXCITING MODE = 2 Phase
 INERTIA LOAD : 100g-cm²



SST59D5305

DRIVER : TYPE D
 VOLTAGE = DC24V
 CURRENT = 4.2 A/Phase
 EXCITING MODE = 2 Phase
 INERTIA LOAD : 100g-cm²

