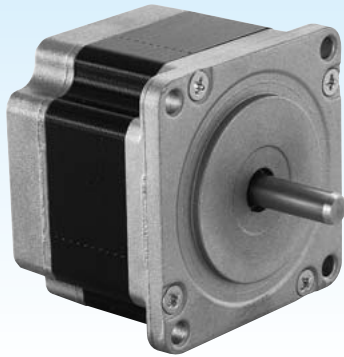


# SST58D SERIES

56mm ( NEMA 23 )



## 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

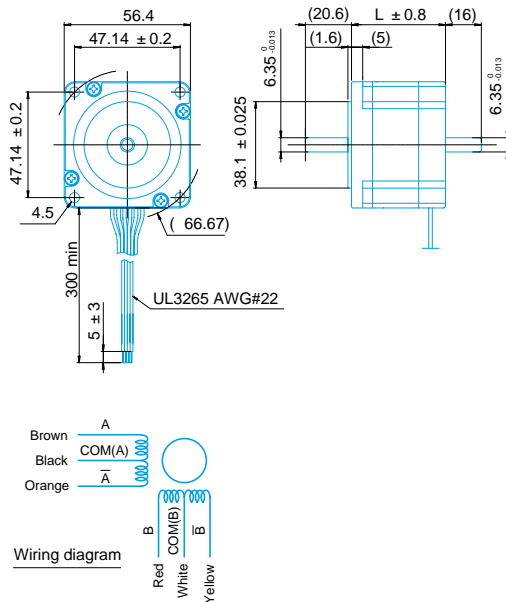
- 1.8°
- RoHS
- Unipolar

### SPECIFICATIONS 6本リード (6 LEADS)

MODEL	STEP ANGLE	VOLTAGE	CURRENT	RESISTANCE	INDUCTANCE	HOLDING TORQUE	ROTOR INERTIA	NUMBER OF LEADS	MASS	LENGTH
	deg	V	A/	/	mH/	mN·m	g·cm <sup>2</sup>	LEAD	kg	mm
SST58D112X	1.8	3.8	1.2	3.20	3.80	441	372	6	0.49	42
SST58D120X	1.8	2.4	2.0	1.20	1.30	441	372	6	0.49	42
SST58D130X	1.8	1.5	3.0	0.50	0.54	441	372	6	0.49	42
SST58D212X	1.8	5.0	1.2	4.20	6.70	710	637	6	0.60	49
SST58D220X	1.8	3.0	2.0	1.50	2.60	710	637	6	0.60	49
SST58D230X	1.8	2.2	3.0	0.73	1.10	710	637	6	0.60	49
SST58D312X	1.8	6.0	1.2	5.00	10.00	878	725	6	0.71	54
SST58D320X	1.8	3.4	2.0	1.70	3.60	878	725	6	0.71	54
SST58D330X	1.8	2.1	3.0	0.70	1.30	878	725	6	0.71	54
SST58D412X	1.8	6.2	1.2	5.20	8.20	1080	921	6	0.86	65
SST58D420X	1.8	3.6	2.0	1.80	3.00	1080	921	6	0.86	65
SST58D430X	1.8	2.4	3.0	0.80	1.30	1080	921	6	0.86	65
SST58D512X	1.8	8.4	1.2	7.00	14.00	1390	1176	6	1.10	77
SST58D520X	1.8	4.8	2.0	2.40	5.10	1390	1176	6	1.10	77
SST58D530X	1.8	3.0	3.0	1.00	2.20	1390	1176	6	1.10	77

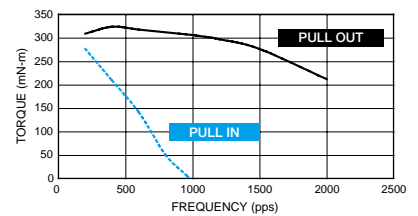
└ 末尾 Final Number ) 0 : 片軸 (Single Shaft) 1 : 両軸 (Double Shaft)

### DIMENSIONS (Example)



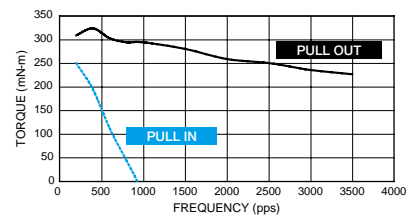
### SST58D1120

DRIVER : TYPE B (Vs=24v)  
CURRENT = 1.2 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g·cm<sup>2</sup>



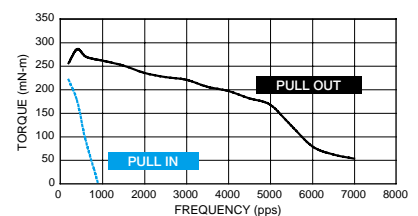
### SST58D1200

DRIVER : TYPE B (Vs=24v)  
CURRENT = 2.0 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g·cm<sup>2</sup>



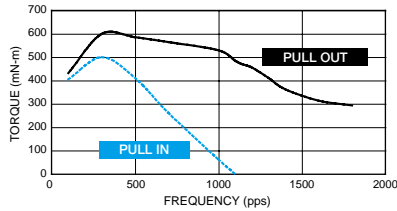
### SST58D1300

DRIVER : TYPE B (Vs=24v)  
CURRENT = 3.0 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g·cm<sup>2</sup>



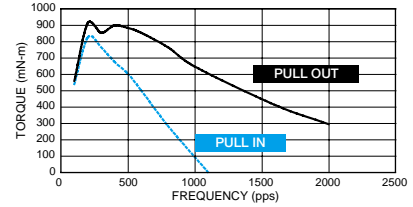
### SST58D2120

DRIVER : TYPE B (Vs=24v)  
CURRENT = 1.2 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g-cm<sup>2</sup>



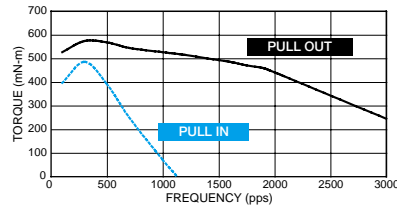
### SST58D4120

DRIVER : TYPE B (Vs=24v)  
CURRENT = 1.2 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g-cm<sup>2</sup>



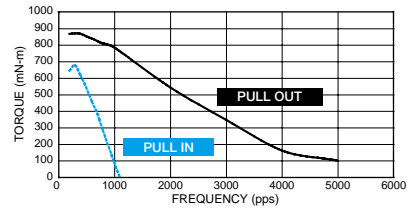
### SST58D2200

DRIVER : TYPE B (Vs=24v)  
CURRENT = 2.0 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g-cm<sup>2</sup>



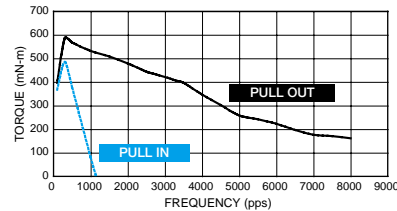
### SST58D4200

DRIVER : TYPE B (Vs=24v)  
CURRENT = 2.0 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g-cm<sup>2</sup>



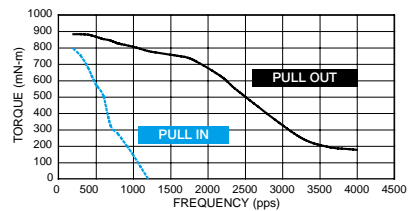
### SST58D2300

DRIVER : TYPE B (Vs=24v)  
CURRENT = 3.0 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g-cm<sup>2</sup>



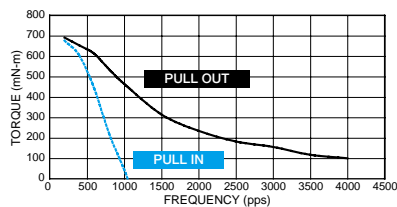
### SST58D4300

DRIVER : TYPE B (Vs=24v)  
CURRENT = 3.0 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g-cm<sup>2</sup>



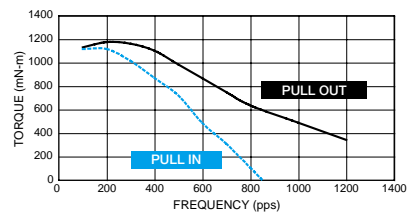
### SST58D3120

DRIVER : TYPE B (Vs=24v)  
CURRENT = 1.2 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g-cm<sup>2</sup>



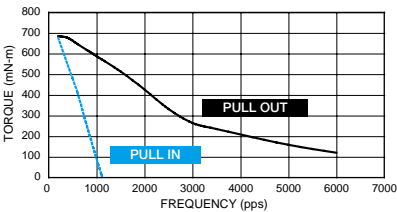
### SST58D5120

DRIVER : TYPE B (Vs=24v)  
CURRENT = 1.2 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g-cm<sup>2</sup>



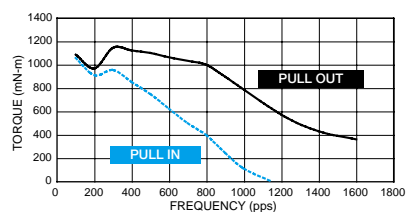
### SST58D3200

DRIVER : TYPE B (Vs=24v)  
CURRENT = 2.0 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g-cm<sup>2</sup>



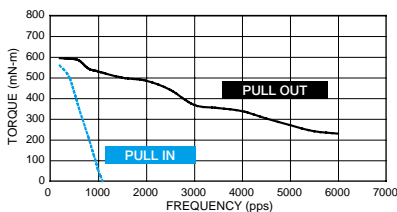
### SST58D5200

DRIVER : TYPE B (Vs=24v)  
CURRENT = 2.0 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g-cm<sup>2</sup>



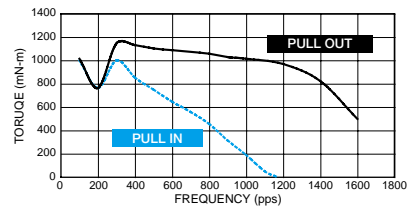
### SST58D3300

DRIVER : TYPE B (Vs=24v)  
CURRENT = 3.0 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g-cm<sup>2</sup>



### SST58D5300

DRIVER : TYPE B (Vs=24v)  
CURRENT = 3.0 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g-cm<sup>2</sup>



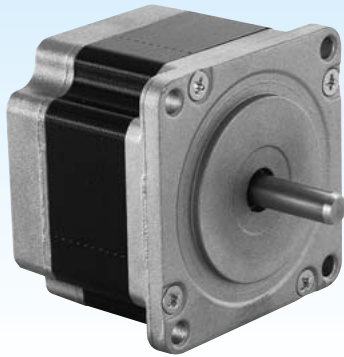
## INFORMATION

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.

**SST58D SERIES**

56mm ( NEMA 23 )



# 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

Bipolar

**SPECIFICATIONS** 8本リード (8 LEADS)

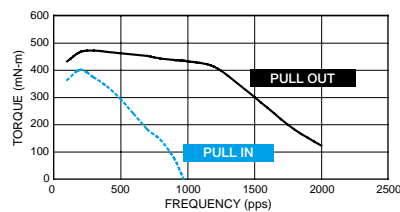
MODEL	STEP ANGLE	VOLTAGE	CURRENT	RESISTANCE	INDUCTANCE	HOLDING TORQUE	ROTOR INERTIA	NUMBER OF LEADS	MASS	LENGTH
	deg	V	A/	/	mH/	mN·m	g·cm <sup>2</sup>	LEAD	kg	mm
SST58D181X	1.8	5.0	1.0	5.00	5.40	441	135	8	0.49	42
SST58D182X	1.8	2.4	2.0	1.20	1.30	441	135	8	0.49	42
SST58D183X	1.8	1.5	3.0	0.50	0.54	441	135	8	0.49	42
SST58D281X	1.8	6.2	1.0	6.20	9.70	710	230	8	0.60	49
SST58D282X	1.8	3.0	2.0	1.50	2.60	710	230	8	0.60	49
SST58D283X	1.8	2.2	3.0	0.73	1.10	710	230	8	0.60	49
SST58D381X	1.8	6.9	1.0	6.90	14.00	878	290	8	0.71	54
SST58D382X	1.8	3.4	2.0	1.70	3.60	878	290	8	0.71	54
SST58D383X	1.8	2.1	3.0	0.70	1.30	878	290	8	0.71	54
SST58D481X	1.8	7.2	1.0	7.20	12.00	1080	330	8	0.86	65
SST58D482X	1.8	3.6	2.0	1.80	3.00	1080	330	8	0.86	65
SST58D483X	1.8	2.4	3.0	0.80	1.30	1080	330	8	0.86	65
SST58D581X	1.8	8.8	1.0	8.80	19.00	1390	430	8	1.10	77
SST58D582X	1.8	4.8	2.0	2.40	5.10	1390	430	8	1.10	77
SST58D583X	1.8	3.0	3.0	1.00	2.20	1390	430	8	1.10	77

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

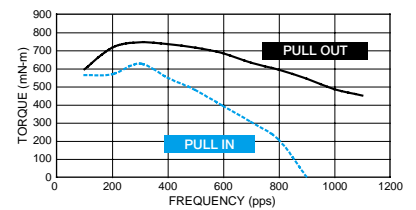
8本リードタイプのデータは、ユニポーラ結線時のデータを示す。  
Data shown in 8 leads table are based on unipolar connection.

**SST58D1810**

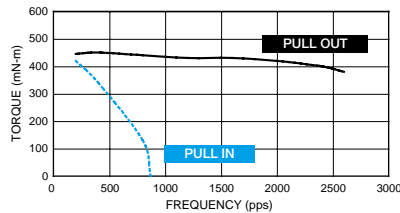
DRIVER : TYPE D (Vs=24v)  
CURRENT = 1.4 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g·cm<sup>2</sup>

**SST58D2810**

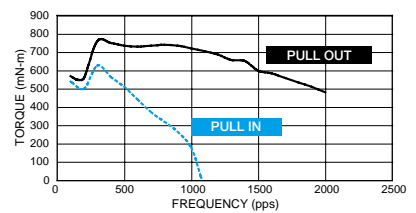
DRIVER : TYPE D (Vs=24v)  
CURRENT = 1.4 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g·cm<sup>2</sup>

**SST58D1820**

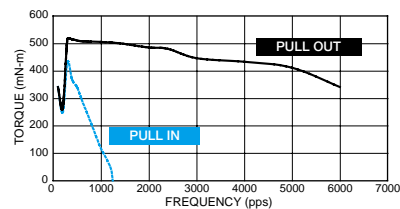
DRIVER : TYPE D (Vs=24v)  
CURRENT = 2.8 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g·cm<sup>2</sup>

**SST58D2820**

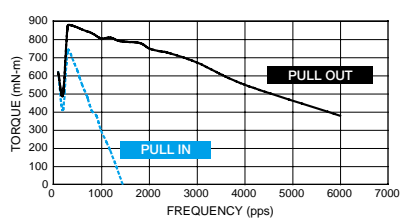
DRIVER : TYPE D (Vs=24v)  
CURRENT = 2.8 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g·cm<sup>2</sup>

**SST58D1830**

DRIVER : TYPE D (Vs=36v)  
CURRENT = 4.4 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g·cm<sup>2</sup>

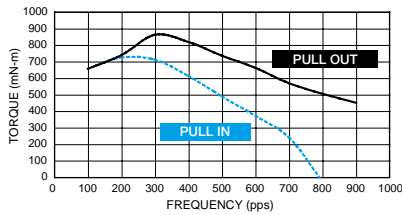
**SST58D2830**

DRIVER : TYPE D (Vs=36v)  
CURRENT = 4.4 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g·cm<sup>2</sup>



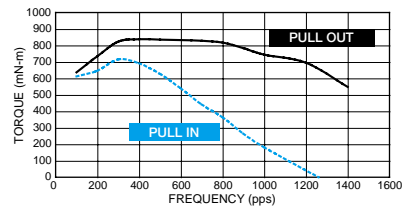
### SST58D3810

DRIVER : TYPE D (Vs=24v)  
CURRENT = 1.4 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g-cm<sup>2</sup>



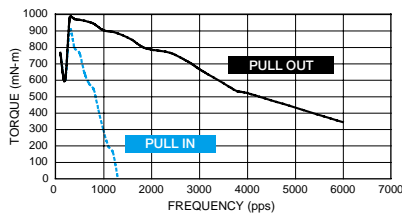
### SST58D3820

DRIVER : TYPE D (Vs=24v)  
CURRENT = 2.8 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g-cm<sup>2</sup>



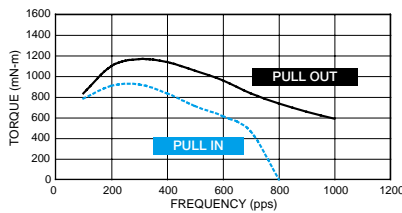
### SST58D3830

DRIVER : TYPE D (Vs=24v)  
CURRENT = 4.4 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g-cm<sup>2</sup>



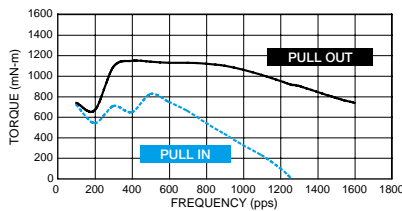
### SST58D4810

DRIVER : TYPE D (Vs=24v)  
CURRENT = 1.4 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g-cm<sup>2</sup>



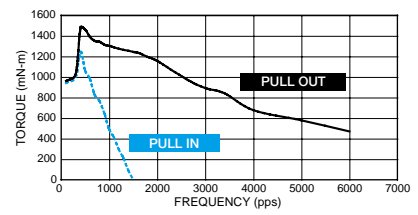
### SST58D4820

DRIVER : TYPE D (Vs=24v)  
CURRENT = 2.8 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g-cm<sup>2</sup>



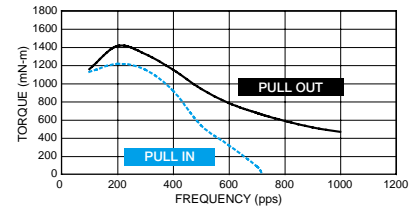
### SST58D4830

DRIVER : TYPE D (Vs=36v)  
CURRENT = 4.4 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g-cm<sup>2</sup>



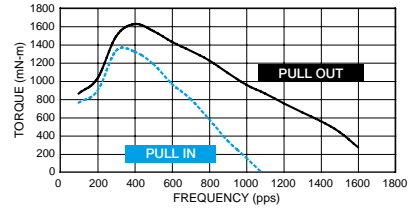
### SST58D5810

DRIVER : TYPE D (Vs=24v)  
CURRENT = 1.4 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g-cm<sup>2</sup>



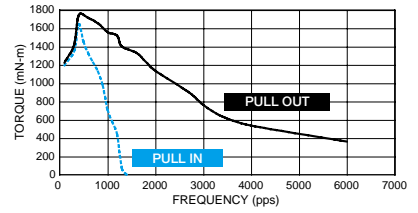
### SST58D5820

DRIVER : TYPE D (Vs=24v)  
CURRENT = 2.8 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g-cm<sup>2</sup>



### SST58D5830

DRIVER : TYPE D (Vs=36v)  
CURRENT = 4.4 A/Phase  
EXCITING MODE = 2 Phase  
INERTIA LOAD : 100g-cm<sup>2</sup>



## INFORMATION

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Note : Depending on driver and driving condition, motor may generate excessive temperature. Recommended temperature on motor surface is 100°C max.