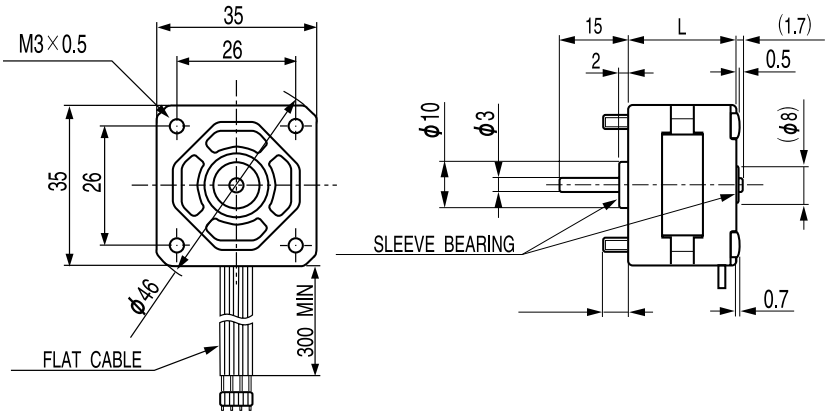
Stepper Motor Series SST34D

Size 14

4 lead wire
23.6mm L
1.8°?? step

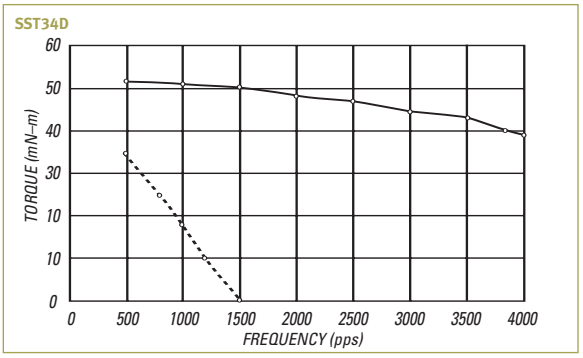


MODEL	STEP ANGLE	VOLTAGE	CURRENT	RESISTANCE	INDUCTANCE	HOLDING TORQUE	ROTOR INERTIA	NUMBER OF LEADS	WEIGHT	DIMENSION
SINGLE SHAFT	DEG.	V	A/Phase	Ω/Phase	mH/Phase	kg-cm	g-cm²	LEAD	kg	L
SST34D1070	1.8	2.7	0.7	3.9	4.4	0.6	8.1	4	0.11	24

RoHS compliant

Typical Performance

— ?Pull Out - - - Pull In

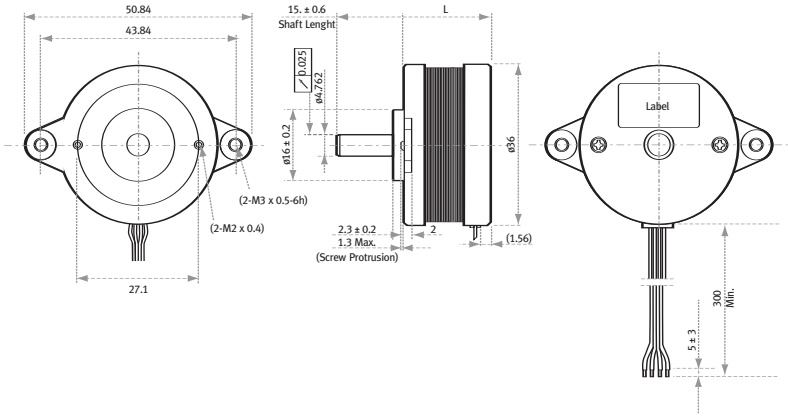


Refer to page 39 for Driver

Stepper Motor Series SST36C

Size 17

4 Lead Wire
36mm L,
0.9° step



Mounting configuration for variable NEMA sizes

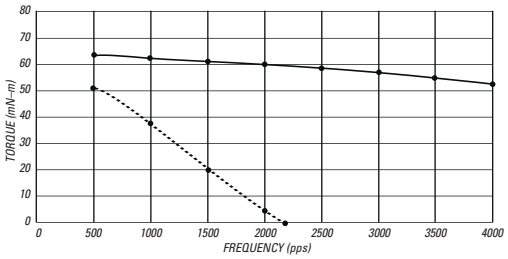
MODEL	STEP ANGLE	VOLTAGE	CURRENT	RESISTANCE	INDUCTANCE	HOLDING TORQUE	ROTOR INERTIA	NUMBER OF LEADS	WEIGHT	DIMENSION
SINGLE SHAFT	DEG.	V	A/Phase	Ω/Phase	mH/Phase	kg-cm	g-cm²	LEAD	kg	L
SST36C0030	0.9	5	0.30	16.8	8.5	0.36	7.3	4	0.05	12.35
SST36C1050	0.9	5	0.45	11.5	9	0.86	19	4	0.09	????19.7

RoHS compliant

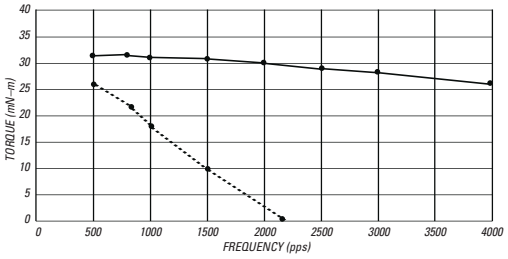
Typical Performance

—— ?Pull Out - - - Pull In

SST36C0030 DRIVER : MTD2005 CURRENT = 0.30 A/Phase
EXCITING MODE = 2 Phase INERTIAL LOAD : 3 g-cm²



SST36C1050 DRIVER : MTD2005 CURRENT = 0.45 A/Phase
EXCITING MODE = 2 Phase INERTIAL LOAD : 3 g-cm²

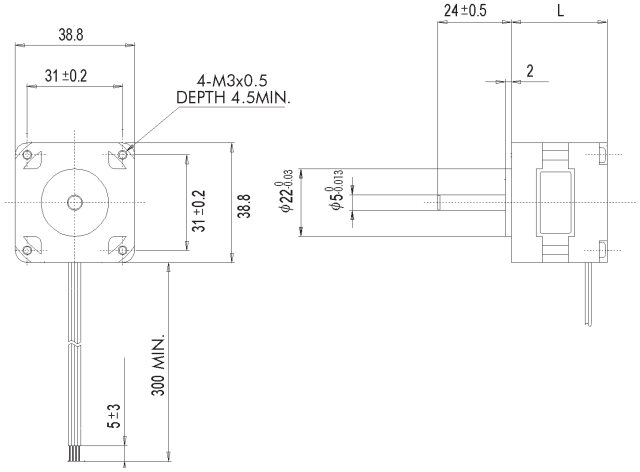


Refer to page 39 for Driver

Stepper Motor Series SST40C

Size 17

6 Lead Wire
31mm, 37mm L
0.9° step



MODEL		STEP ANGLE	VOLTAGE	CURRENT	RESISTANCE	INDUCTANCE	HOLDING TORQUE	ROTOR INERTIA	NUMBER OF LEADS	WEIGHT	DIMENSION
SINGLE SHAFT	DOUBLE SHAFT	DEG.	V	A/Phase	Ω/Phase	mH/Phase	kg-cm	g-cm²	LEAD	kg	L
SST40C1010	SST40C1011	0.9	4	0.8	5	5	1.15	17	6	0.17	31
SST40C1020	SST40C1021	0.9	9.6	0.4	24	26	1.20	17	6	0.17	31
SST40C1030	SST40C1031	0.9	11.2	0.3	37.5	37.7	1.25	17	6	0.17	31
SST40C2010	SST40C2011	0.9	6	0.8	7.5	11	1.85	27	6	0.2	37
SST40C2020	SST40C2021	0.9	8.6	0.56	15	23	1.79	27	6	0.2	37
SST40C2030	SST40C2031	0.9	12	0.4	30	44	1.67	27	6	0.2	37

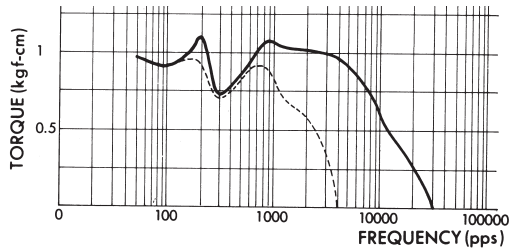
RoHS compliant

Typical Performance

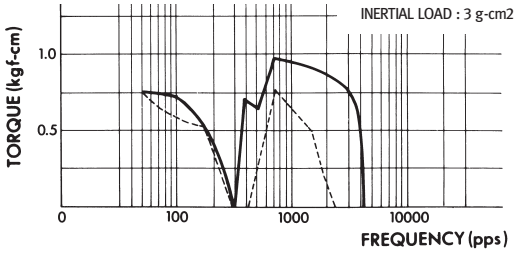
Refer to page 30 for Driver

—— Pull Out - - - Pull In

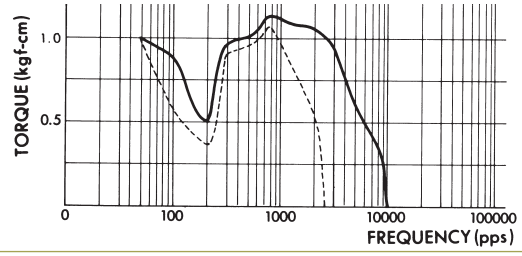
SST40C1010 DRIVER : SDU2201 CURRENT = 0.8 A/Phase
EXCITING MODE = 2 Phase INERTIAL LOAD : 3 g-cm2



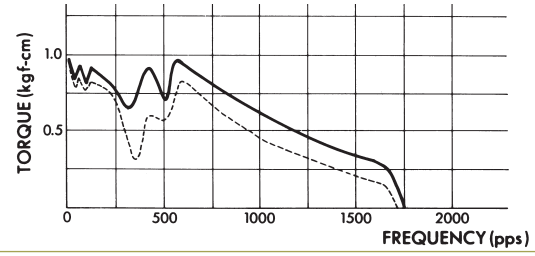
SST40C1010 DRIVER : TYPE B SUPPLY : Vs = 24 V
CURRENT = 0.8 A/Phase EXCITING MODE = 2 Phase
INERTIAL LOAD : 3 g-cm2



SST40C1020 DRIVER : TD-112 CURRENT = 0.4 A/Phase
EXCITING MODE = 2 Phase INERTIAL LOAD : 3 g-cm2



SST40C1020 DRIVER : TYPE A (C = 1 µF, R = 0) VOLTAGE : Vw = 12 V
EXCITING MODE = 2 Phase NERTIAL LOAD : 3 g-cm2

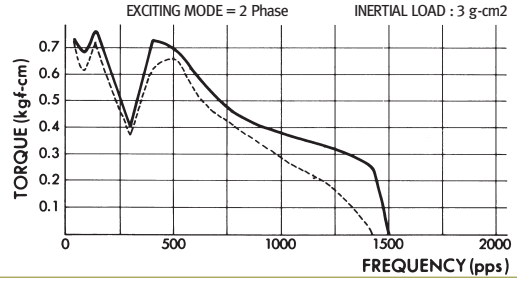


Stepper Motor Series SST40C, SST41D

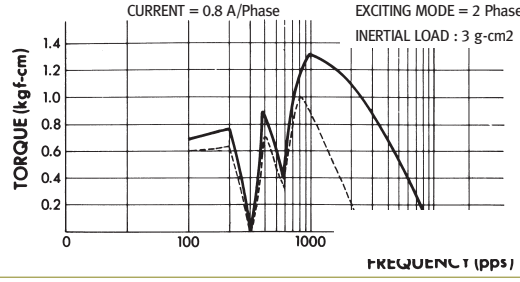
Size 17

6 Lead Wire
31mm, 37mm L
0.9° step

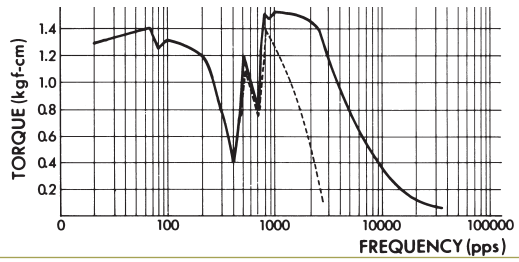
SST40C1030 DRIVER : TYPE A (C = 1 µF, R = 0) VOLTAGE : Vw = 11.2 V
EXCITING MODE = 2 Phase INERTIAL LOAD : 3 g-cm2



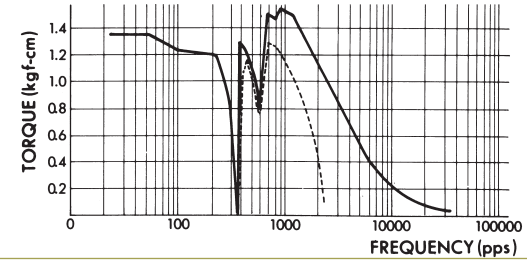
SST40C2010 DRIVER : TYPE B CURRENT = 0.8 A/Phase SUPPLY : Vs = 24 V
EXCITING MODE = 2 Phase INERTIAL LOAD : 3 g-cm2



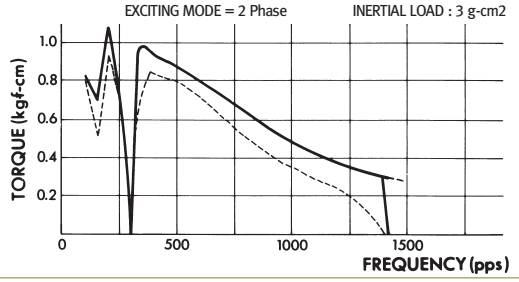
SST40C2020 DRIVER : SDU2201 CURRENT = 0.56 A/Phase
EXCITING MODE = 2 Phase INERTIAL LOAD : 3 g-cm2



SST40C2030 DRIVER : SDU2201 CURRENT = 0.4 A/Phase
EXCITING MODE = 2 Phase INERTIAL LOAD : 3 g-cm2

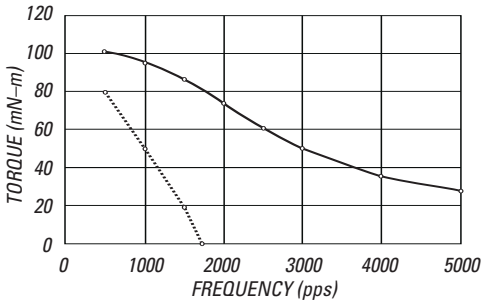


SST40C2030 DRIVER : TYPE A (C = 1 µF, R = 0) VOLTAGE : Vw = 12 V
EXCITING MODE = 2 Phase INERTIAL LOAD : 3 g-cm2



Model SST41D
4 Lead Wire
22mm L,
1.8° step

—— Pull Out - - - Pull In



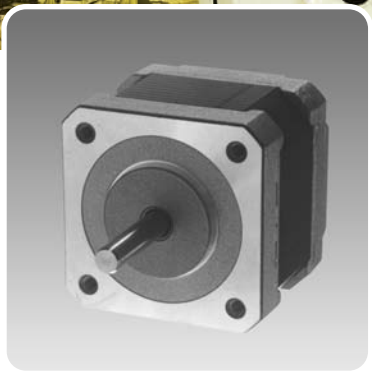
Specifications

MODEL	STEP ANGLE	VOLTAGE	CURRENT	RESISTANCE	INDUCTANCE	HOLDING TORQUE	ROTOR INERTIA	NUMBER OF LEADS	WEIGHT	DIMENSION
	DEG.	V	A/Phase	Ω/Phase	mH/Phase	kg-cm	g-cm²	LEAD	kg	L
SST41D0100	1.8	2.3	1.0	2.3	3.9	1.2	20.3	4	0.15	22

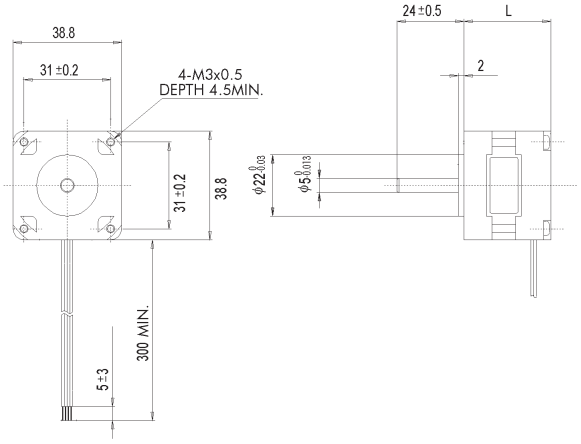
RoHS compliant

Stepper Motor Series SST42D

Size 17



6 Lead Wire
31mm, 38mm L
1.8° step



MODEL		STEP ANGLE	VOLTAGE	CURRENT	RESISTANCE	INDUCTANCE	HOLDING TORQUE	ROTOR INERTIA	NUMBER OF LEADS	WEIGHT	DIMENSION
SINGLE SHAFT	DOUBLE SHAFT	DEG.	V	A/Phase	Ω/Phase	mH/Phase	kg-cm	g-cm²	LEAD	kg	L
SST42D1100	SST42D1101	1.8	3.7	0.95	3.9	3.6	1.9	27	6	0.18	31
SST42D1070	SST42D1071	1.8	5.3	0.7	7.6	6.8	1.9	27	6	0.18	31
SST42D1040	SST42D1041	1.8	10.5	0.35	30	21.7	1.7	27	6	0.18	31
SST42D1020	SST42D1021	1.8	16.5	0.22	75	53.0	1.7	27	6	0.18	31
SST42D2120	SST42D2121	1.8	3.7	1.2	3.1	4.2	3.2	48	6	0.27	38
SST42D2090	SST42D2091	1.8	5.1	0.9	5.7	6.8	3.2	48	6	0.27	38
SST42D2070	SST42D2071	1.8	6.7	0.7	9.5	11.8	3.2	48	6	0.27	38
SST42D2040	SST42D2041	1.8	12.0	0.4	30	34.3	3.2	48	6	0.27	38
SST42D2030	SST42D2031	1.8	18.8	0.25	75	72.8	3.0	48	6	0.27	38

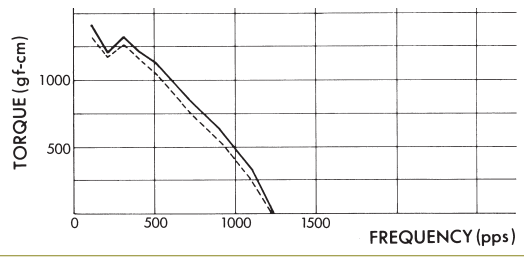
RoHS compliant

Typical Performance

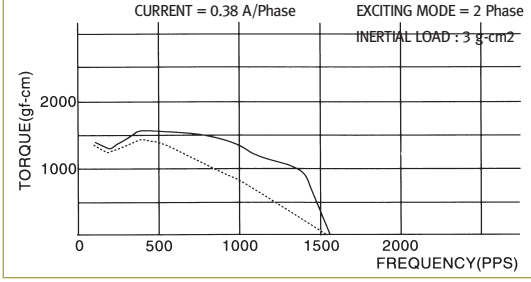
Refer to page 39 for Driver

—— Pull Out - - - Pull In

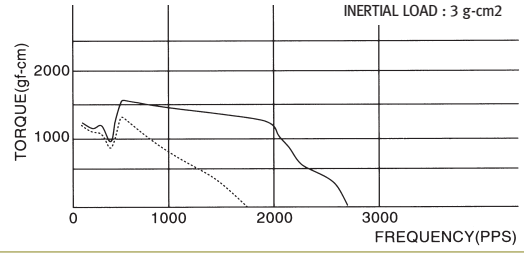
SST42D1020 DRIVER : TYPE A (C = 1 μF) EXCITING MODE = 2 Phase VOLTAGE : Vs = 24 V INERTIAL LOAD : 3 g-cm2



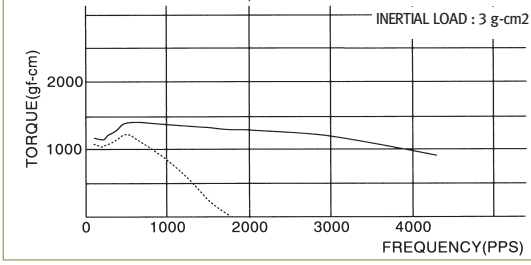
SST42D1040 DRIVER : TYPE B CURRENT = 0.38 A/Phase SUPPLY : Vs = 24 V EXCITING MODE = 2 Phase INERTIAL LOAD : 3 g-cm2



SST42D1070 DRIVER : TYPE B CURRENT = 0.7 A/Phase SUPPLY : Vs = 24 V EXCITING MODE = 2 Phase INERTIAL LOAD : 3 g-cm2



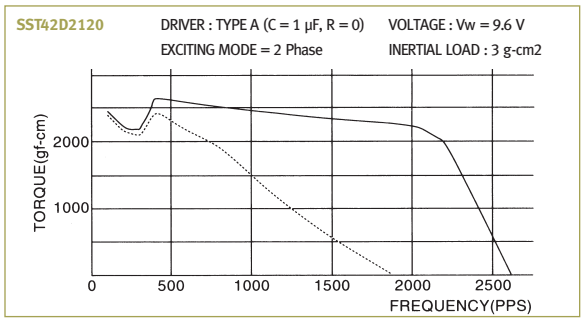
SST42D1100 DRIVER : TYPE B CURRENT = 0.95 A/Phase SUPPLY : Vs = 24 V EXCITING MODE = 2 Phase INERTIAL LOAD : 3 g-cm2

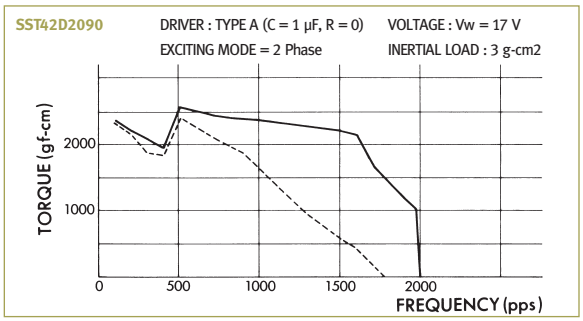


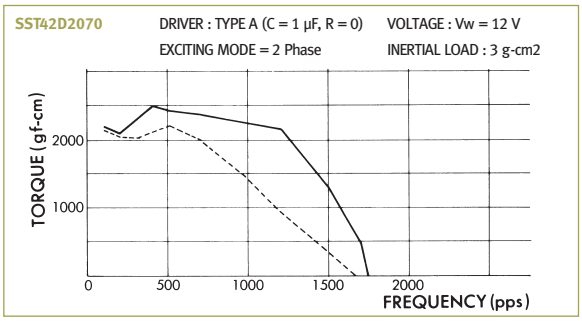
Stepper Motor Series SST42D

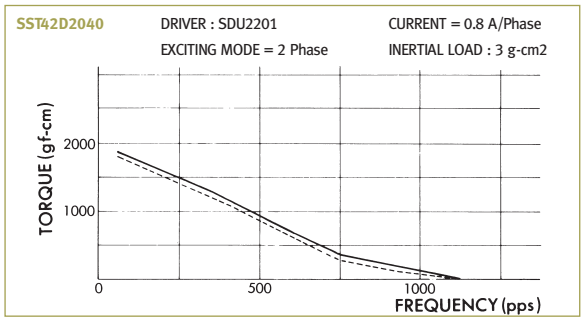
Size 17

6 Lead Wire
31mm, 38mm L
1.8° step





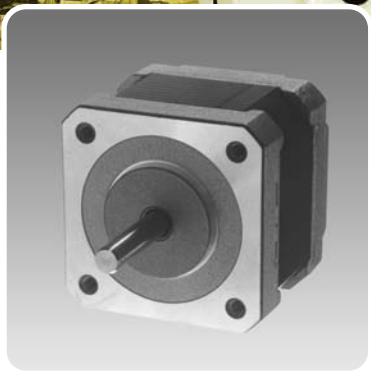


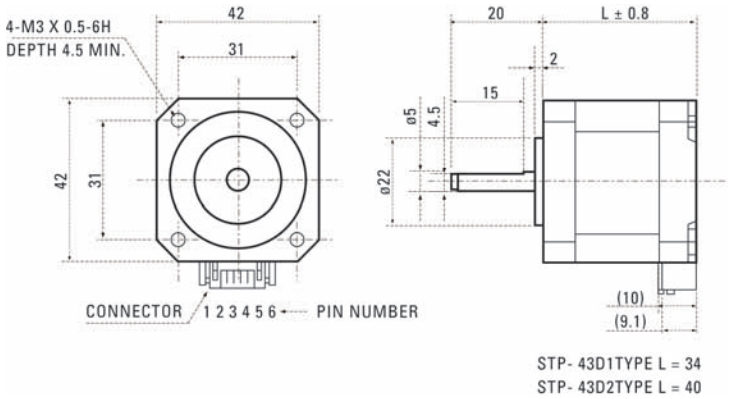


Stepper Motor Series SST43D

Size 17

Integral
Connector 6 Pin
34mm, 40mm L
1.8° step
Low Noise,
Low Vibration,
High Torque





STP- 43D1TYPE L = 34
STP- 43D2TYPE L = 40

Specifications

MODEL	STEP ANGLE	VOLTAGE	CURRENT	RESISTANCE	INDUCTANCE	HOLDING TORQUE	ROTOR INERTIA	NUMBER OF LEADS	WEIGHT	DIMENSION
SINGLE SHAFT	DEG.	V	A/Phase	Ω/Phase	mH/Phase	kg-cm	g-cm²	LEAD	kg	L
SST43D1040	1.8	9.6	0.4	24.0	16.0	180	33	6	0.23	34
SST43D1060	1.8	6.9	0.6	11.5	8.1	190	33	6	0.23	34
SST43D1080	1.8	5.1	0.8	6.4	4.9	200	33	6	0.23	34
SST43D1100	1.8	4.2	1.0	4.2	3.3	200	33	6	0.23	34
SST43D1120	1.8	3.2	1.2	2.7	2.3	200	33	6	0.23	34
SST43D1150	1.8	2.7	1.5	1.8	1.5	200	33	6	0.23	34
SST43D2040	1.8	12.0	0.4	30.0	24.0	260	56	6	0.29	40
SST43D2060	1.8	7.2	0.6	12.0	11.8	260	56	6	0.29	40
SST43D2080	1.8	5.5	0.8	6.	7.1	26	56	6	0.29	40
SST43D2100	1.8	4.8	1.0	4.8	4.8	270	56	6	0.29	40
SST43D2120	1.8	4.0	1.2	3.3	3.6	280	56	6	0.29	40
SST43D2140	1.8	3.2	1.4	2.3	2.5	280	56	6	0.29	40
SST43D2160	1.8	3.0	1.6	1.9	1.8	260	56	6	0.29	40

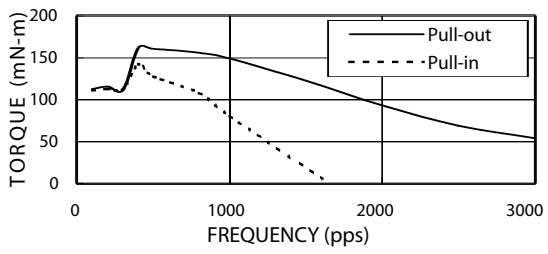
RoHS compliant

Typical Performance

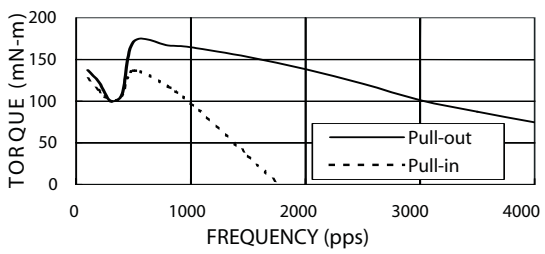
Refer to page 30 for Driver

— Pull Out - - - Pull In

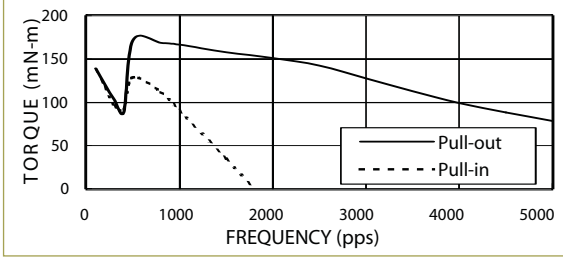
SST43D1040 DRIVER : Constant current VOLTAGE : 24 VDC
Current: 0.4 A/phase INERTIAL LOAD : 3 g-cm2



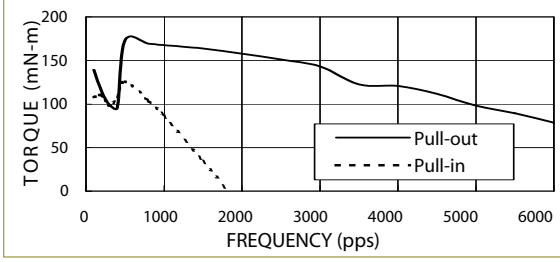
SST43D1060 DRIVER : Constant current VOLTAGE : 24 VDC
Current: 0.6 A/phase INERTIAL LOAD : 3 g-cm2



SST43D108???0 DRIVER : Constant current VOLTAGE : 24 VDC
Current: ?0.8 A/phase INERTIAL LOAD : 3 g-cm2



SST43D1100 DRIVER : Constant current VOLTAGE : 24 VDC
Current: 1.0 A/phase INERTIAL LOAD : 3 g-cm2

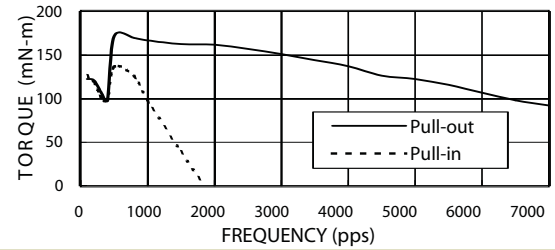


Stepper Motor Series SST43D

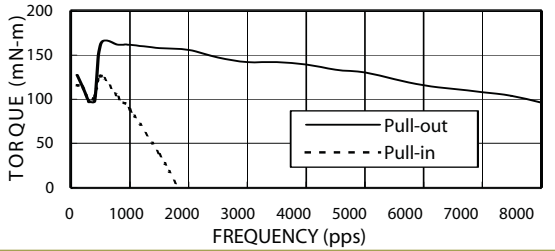
Size 17

Integral
Connector 6 Pin
34mm, 40mm L
1.8° step
Low Noise,
Low Vibration,
High Torque

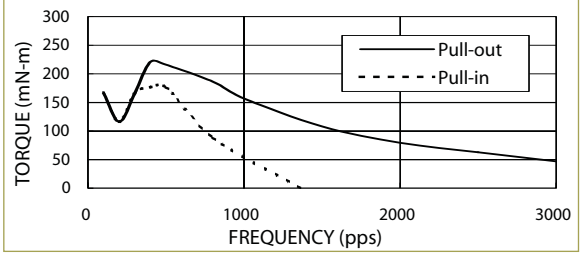
SST43D1120 DRIVER : Constant current Current: 1.2 A/phase VOLTAGE : 24 VDC INERTIAL LOAD : 3 g-cm2



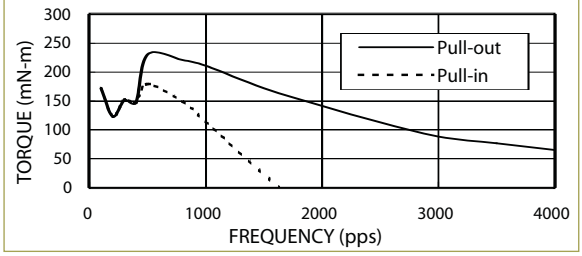
SST43D1150 DRIVER : Constant current Current: 1.5 A/phase VOLTAGE : 24 VDC INERTIAL LOAD : 3 g-cm2



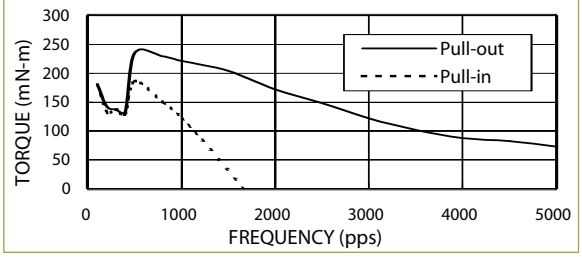
SST43D2040 DRIVER : Constant current Current: 0.4 A/phase VOLTAGE : 24 VDC INERTIAL LOAD : 3 g-cm2



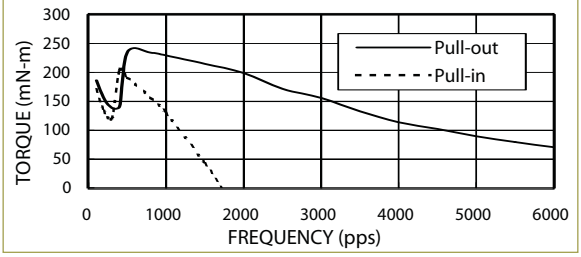
SST43D2060 DRIVER : Constant current Current: 0.6 A/phase VOLTAGE : 24 VDC INERTIAL LOAD : 3 g-cm2



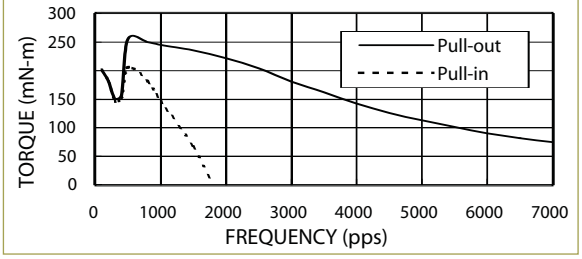
SST43D2080 DRIVER : Constant current Current: 0.8 A/phase VOLTAGE : 24 VDC INERTIAL LOAD : 3 g-cm2



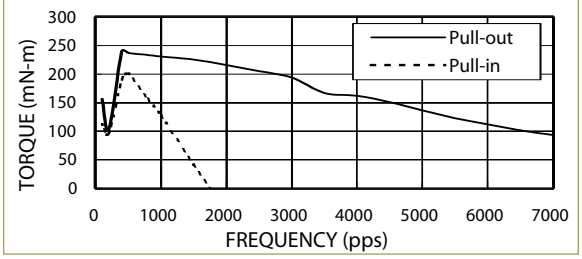
SST43D2100 DRIVER : Constant current Current: 1.0 A/phase VOLTAGE : 24 VDC INERTIAL LOAD : 3 g-cm2



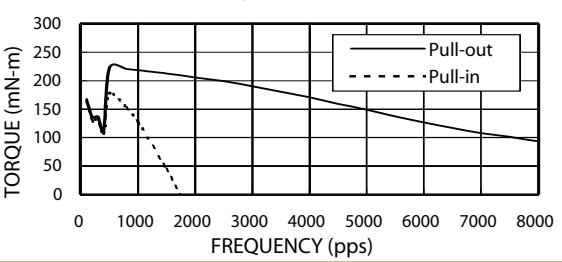
SST43D2120 DRIVER : Constant current Current: 1.2 A/phase VOLTAGE : 24 VDC INERTIAL LOAD : 3 g-cm2



SST43D2140 DRIVER : Constant current Current: 1.4 A/phase VOLTAGE : 24 VDC INERTIAL LOAD : 3 g-cm2



SST43D2160 DRIVER : Constant current Current: 1.6 A/phase VOLTAGE : 24 VDC INERTIAL LOAD : 3 g-cm2

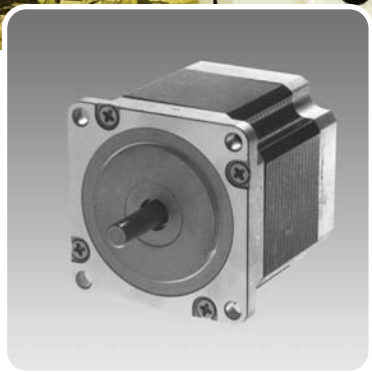


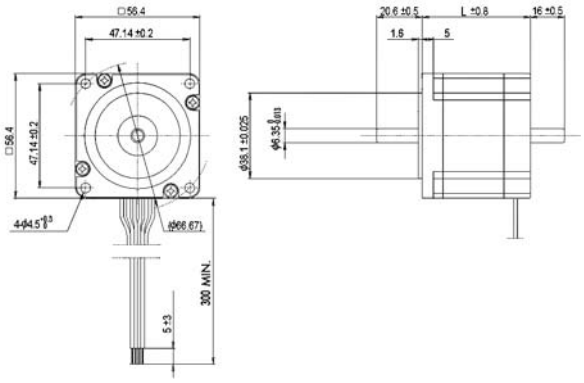
PIN?OUT CHART					
1	2	3	4	5	6
$\overline{A}$	B COM	$\overline{B}$	A	A COM	B

Stepper Motor Series SST58D

Size 23

8 Lead Wire
42mm, 49mm, 54mm, 65mm, 77mmL
1.8° step





Specifications

MODEL		STEP ANGLE	VOLTAGE	CURRENT	RESISTANCE	INDUCTANCE	HOLDING TORQUE	ROTOR INERTIA	NUMBER OF LEADS	WEIGHT	DIMENSION
SINGLE SHAFT	DOUBLE SHAFT	DEG.	V	A/Phase	Ω/Phase	mH/Phase	kg-cm	g-cm²	LEAD	kg	L
SST58D1810	SST58D1811	1.8	5.0	1.0	5.0	5.4	3.7	135	8	0.49	42
SST58D1820	SST58D1821	1.8	2.4	2.0	1.2	1.3	3.7	135	8	0.49	42
SST58D1830	SST58D1831	1.8	1.5	3.0	0.5	0.54	3.7	135	8	0.49	42
SST58D2810	SST58D2811	1.8	6.2	1.0	6.2	9.7	6.4	230	8	0.6	49
SST58D2820	SST58D2821	1.8	3.0	2.0	1.5	2.6	6.4	230	8	0.6	49
SST58D2830	SST58D2831	1.8	2.2	3.0	0.73	1.1	6.4	230	8	0.6	49
SST58D3810	SST58D3811	1.8	6.9	1.0	6.9	14.0	7.3	290	8	0.71	54
SST58D3820	SST58D3821	1.8	3.4	2.0	1.7	3.6	7.3	290	8	0.71	54
SST58D3830	SST58D3831	1.8	2.1	3.0	0.7	1.3	7.3	290	8	0.71	54
SST58D4810	SST58D4811	1.8	7.2	1.0	7.2	12.0	9.2	330	8	0.86	65
SST58D4820	SST58D4821	1.8	3.6	2.0	1.8	3.0	9.2	330	8	0.86	65
SST58D4830	SST58D4831	1.8	2.4	3.0	0.8	1.3 1	9.2	330	8	0.86	65
SST58D5810	SST58D5811	1.8	8.8	1.0	8.8	19.0	11.7	430	8	1.1	77
SST58D5820	SST58D5821	1.8	4.8	2.0	2.4	5.1	11.7	430	8	1.1	77
SST58D5830	SST58D5831	1.8	3.0	3.0	1.0	2.62	11.7	430	8	1.1	77

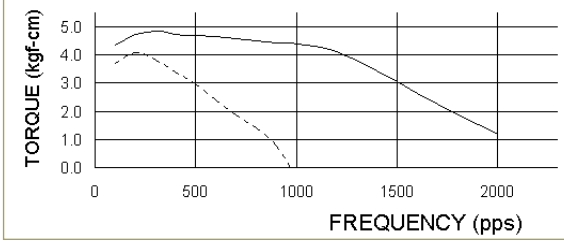
RoHS compliant

Typical Performance

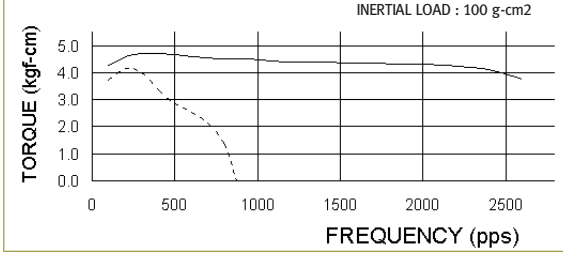
Refer to page 39 for Driver

— Pull Out - - - Pull In

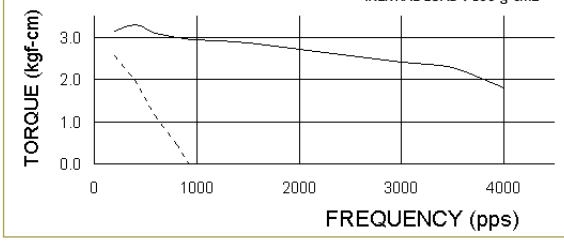
SST58D1810 DRIVER : BIPOLAR CURRENT = 1.4 A/Phase SUPPLY : Vs = 24 V EXCITING MODE = 2 Phase INERTIAL LOAD : 100 g-cm2



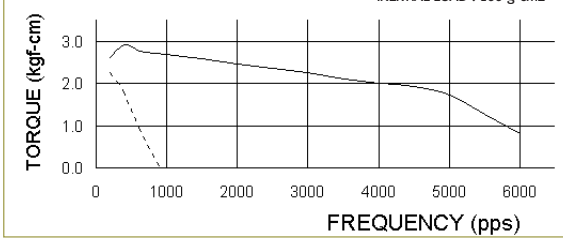
SST58D1820 DRIVER : BIPOLAR CURRENT = 2.8 A/Phase SUPPLY : Vs = 24 V EXCITING MODE = 2 Phase INERTIAL LOAD : 100 g-cm2



SST58D1820 DRIVER : UNIPOLAR CURRENT = 2.0 A/Phase SUPPLY : Vs = 24 V EXCITING MODE = 2 Phase INERTIAL LOAD : 100 g-cm2



SST58D1830 DRIVER : UNIPOLAR CURRENT = 3.0 A/Phase SUPPLY : Vs = 24 V EXCITING MODE = 2 Phase INERTIAL LOAD : 100 g-cm2



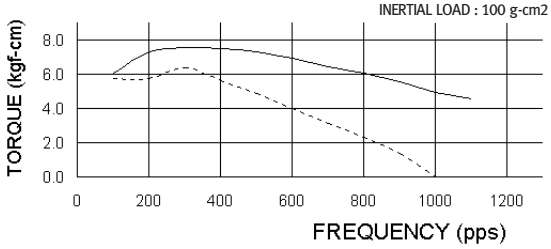
SHINANO KENSHI CORPORATION 6065 BRISTOL PARKWAY, CULVER CITY, CA 90230 • PHONE (310) 693-7600 • TOLL FREE (800) 755-0752 • WWW.SHINANO.COM • E-MAIL: SALES@SHINANO.COM

Stepper Motor Series SST58D

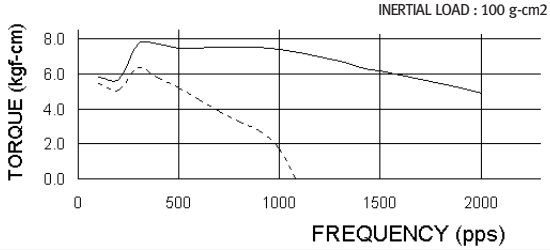
Size 23

8 Lead Wire
42mm, 49mm, 54mm, 65mm, 77mmL
1.8° step

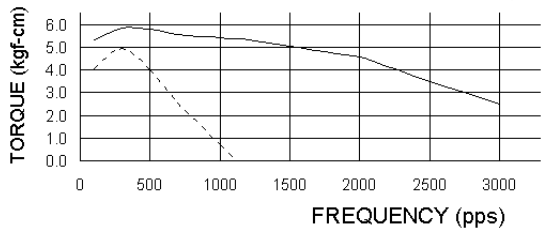
SST58D2810 DRIVER : BIPOLAR CURRENT = 1.4 A/Phase SUPPLY : Vs = 24 V EXCITING MODE = 2 Phase INERTIAL LOAD : 100 g-cm2



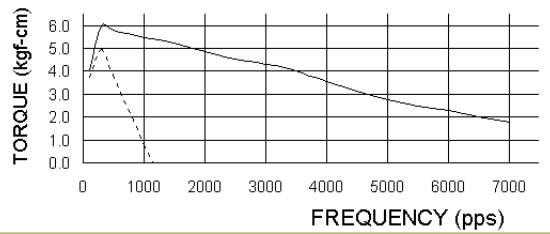
SST58D2820 DRIVER : BIPOLAR CURRENT = 2.8 A/Phase SUPPLY : Vs = 24 V EXCITING MODE = 2 Phase INERTIAL LOAD : 100 g-cm2



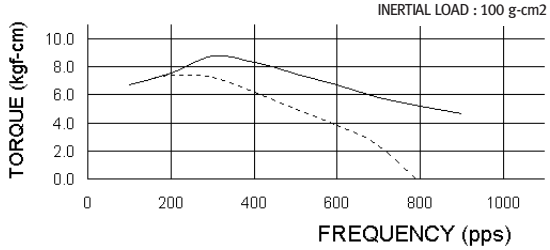
SST58D2820 DRIVER : UNIPOLAR CURRENT = 2.0 A/Phase SUPPLY : Vs = 24 V EXCITING MODE = 2 Phase INERTIAL LOAD : 100 g-cm2



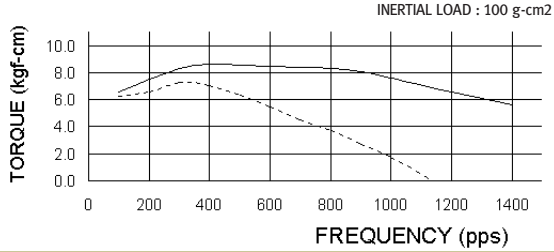
SST58D2830 DRIVER : UNIPOLAR CURRENT = 3.0 A/Phase SUPPLY : Vs = 24 V EXCITING MODE = 2 Phase INERTIAL LOAD : 100 g-cm2



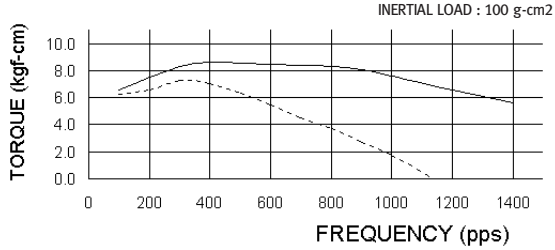
SST58D3810 DRIVER : BIPOLAR CURRENT = 1.4 A/Phase SUPPLY : Vs = 24 V EXCITING MODE = 2 Phase INERTIAL LOAD : 100 g-cm2



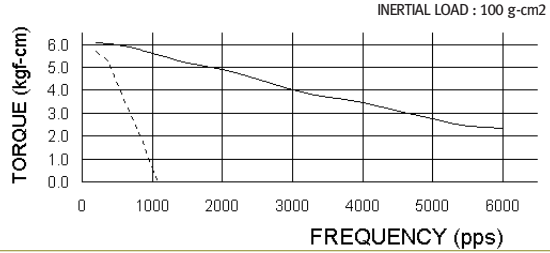
SST58D3820 DRIVER : BIPOLAR CURRENT = 2.8 A/Phase SUPPLY : Vs = 24 V EXCITING MODE = 2 Phase INERTIAL LOAD : 100 g-cm2



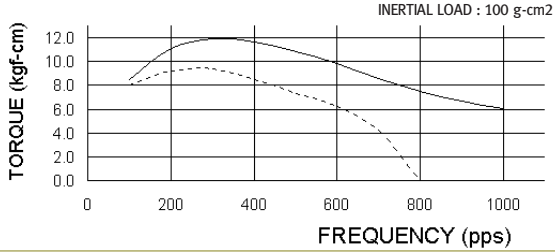
SST58D3820 DRIVER : UNIPOLAR CURRENT = 2.0 A/Phase SUPPLY : Vs = 24 V EXCITING MODE = 2 Phase INERTIAL LOAD : 100 g-cm2



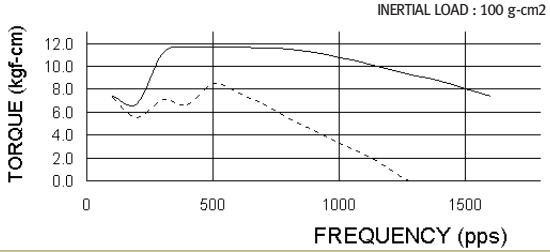
SST58D3830 DRIVER : UNIPOLAR CURRENT = 3.0 A/Phase SUPPLY : Vs = 24 V EXCITING MODE = 2 Phase INERTIAL LOAD : 100 g-cm2



SST58D4810 DRIVER : BIPOLAR CURRENT = 1.4 A/Phase SUPPLY : Vs = 24 V EXCITING MODE = 2 Phase INERTIAL LOAD : 100 g-cm2



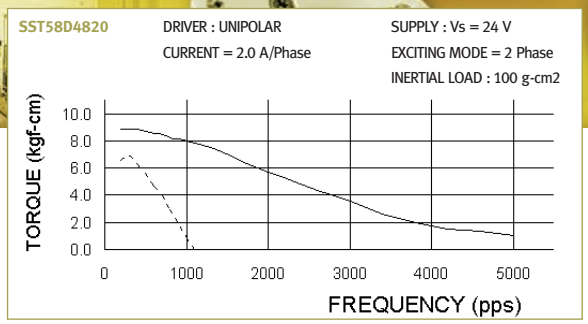
SST58D4820 DRIVER : BIPOLAR CURRENT = 2.8 A/Phase SUPPLY : Vs = 24 V EXCITING MODE = 2 Phase INERTIAL LOAD : 100 g-cm2

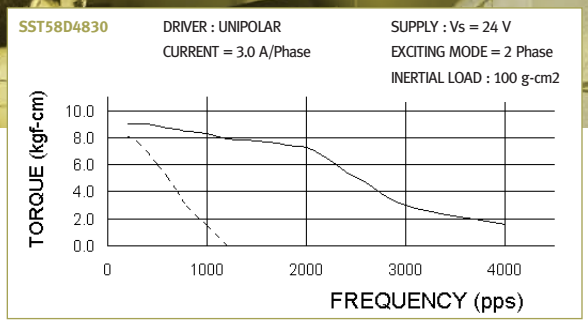


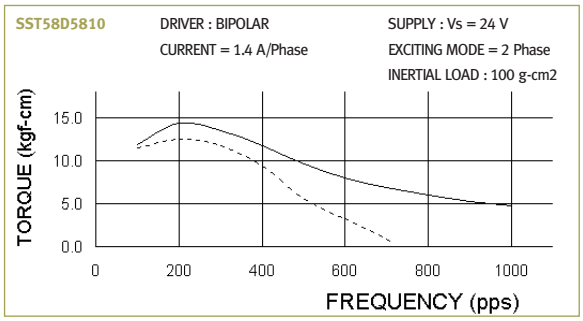
Stepper Motor Series SST 58D

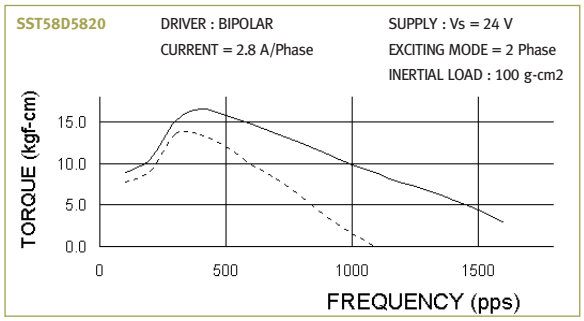
Size 23

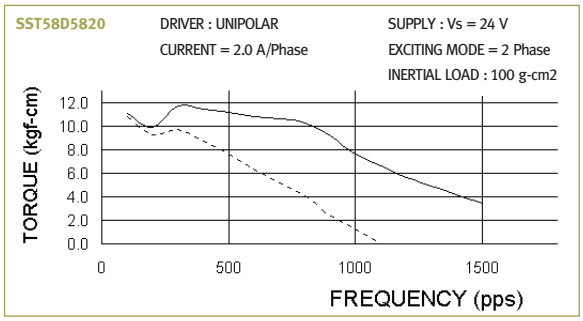
8 Lead Wire
42mm, 49mm, 54mm, 65mm, 77mm L
1.8° step

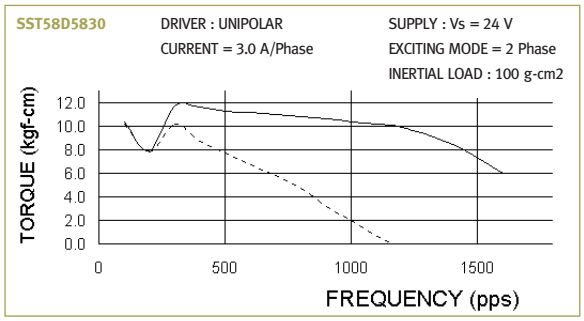












Rating Conversions

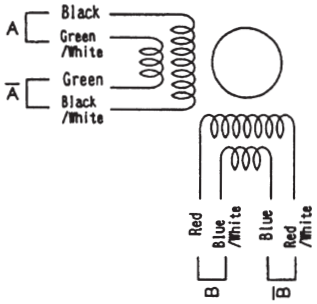
STANDARD DRIVE SCHEME	RATING	UNIPOLAR MULTIPLIER	BIPOLAR SERIES MULTIPLIER	BIPOLAR PARALLEL MULTIPLIER
Unipolar or Bipolar (center-tap to end)	VOL TS (DC)	1	1.4	0.7
Unipolar or Bipolar (center-tap to end)	CURRENT (A)	1	0.7	1.4
Unipolar or Bipolar (center-tap to end)	RESIST ANCE (?)	1	2	0.5
Unipolar or Bipolar (center-tap to end)	INDUCT ANCE (mH)	1	4	1
Unipolar or Bipolar (center-tap to end)	HOLDING TORQUE	1	1.4	1.4

Step Motors are versatile and have many drive methods. To determine the motor rating when using a drive method that differs from the standard rating approach, multiply the standard rated value by the number indicated in the chart that corresponds to the drive scheme desired.

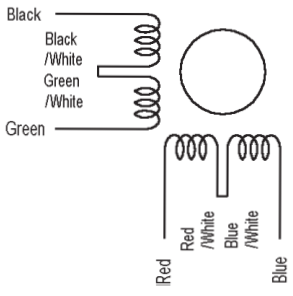
DIRECTION OF ROTATION
Phase sequence to produce clockwise rotation viewed from mounting end.

STEP	A	B	$\overline{A}$	$\overline{B}$
1	+	+	–	–
2	–	+	+	–
3	–	–	+	+
4	+	–	–	+
5	+	+	–	–

Phase Sequence (parallel connected)



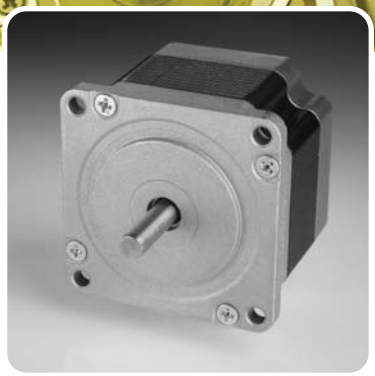
Phase Sequence (series connected)

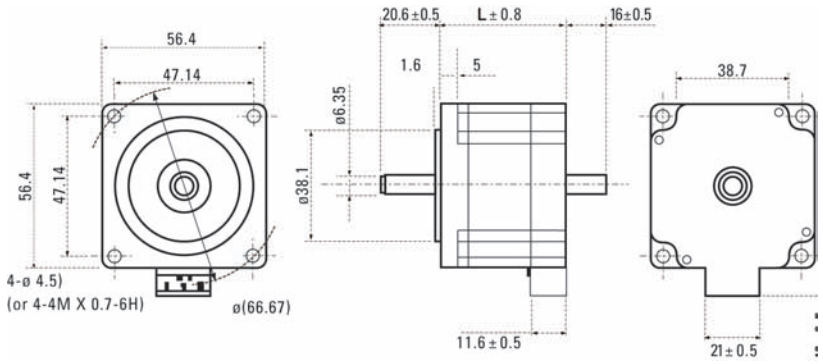


Stepper Motor Series SST59D

Size 23

Integral
Connector
6 pin
42mm, 54mm,
77mm L
1.8° step





Specifications

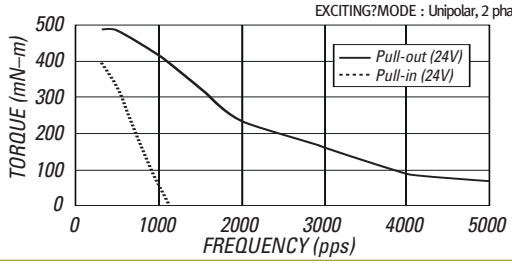
MODEL		STEP ANGLE	VOLTAGE	CURRENT	RESISTANCE	INDUCTANCE	HOLDING TORQUE	ROTOR INERTIA	NUMBER OF LEADS	MASS	MOTOR LENGTH	SHAFT DIAMETER
SINGLE SHAFT	DOUBLE SHAFT	DEG.	V	A/Phase	Ω/Phase	mH/Phase	kg-cm	g-cm²	LEAD	kg	MM	MM
SST59D1100	SST59D1101	1.8	4.7	1.0	4.7	7.5	567	145	6	0.5	42	6.35
SST59D1150	SST59D1151	1.8	3.2	1.5	2.1	3.4	567	145	6	0.5	42	6.35
SST59D1200	SST59D1201	1.8	2.6	2.0	1.3	2.0	567	145	6	0.5	42	6.35
SST59D1250	SST59D1251	1.8	2.1	2.5	0.9	1.3	567	145	6	0.5	42	6.35
SST59D1300	SST59D1301	1.8	1.9	3.0	0.6	0.9	567	145	6	0.5	42	6.35
SST59D3100	SST59D3101	1.8	6.3	1.0	6.3	11.1	925	245	6	0.7	54.5	6.35
SST59D3150	SST59D3151	1.8	4.2	1.5	2.8	5.1	925	245	6	0.7	54.5	6.35
SST59D3200	SST59D3201	1.8	3.4	2.0	1.7	3.0	925	245	6	0.7	54.5	6.35
SST59D3250	SST59D3251	1.8	2.8	2.5	1.1	2.0	925	245	6	0.7	54.5	6.35
SST59D3300	SST59D3301	1.8	2.5	3.0	0.8	1.3	925	245	6	0.7	54.5	6.35
SST59D5100	SST59D5101	1.8	9.6	1.0	9.6	19.0	1570	470	6	1.1	77.5	8
SST59D5150	SST59D5151	1.8	6.3	1.5	4.2	8.4	1570	470	6	1.1	77.5	8
SST59D5200	SST59D5201	1.8	5.0	2.0	2.5	4.9	1570	470	6	1.1	77.5	8
SST59D5250	SST59D5251	1.8	4.2	2.5	1.7	3.3	1570	470	6	1.1	77.5	8
SST59D5300	SST59D5301	1.8	3.6	3.0	1.2	2.2	1570	470	6	1.1	77.5	8

RoHS compliant

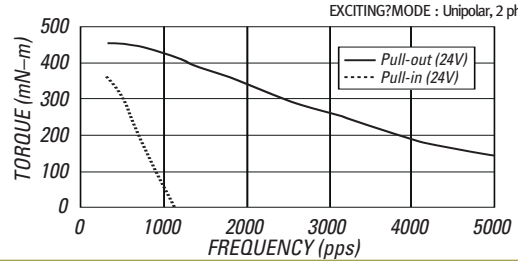
Typical Performance

Refer to page 39 for Driver

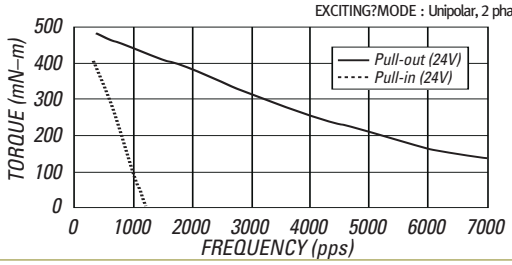
SST59D1100 VOLTAGE : 24VDC CURRENT : 1.0 A/phase
DRIVER : Constant current INTERIA?LOAD : 100g-cm^2
EXCITING?MODE : Unipolar, 2 phase



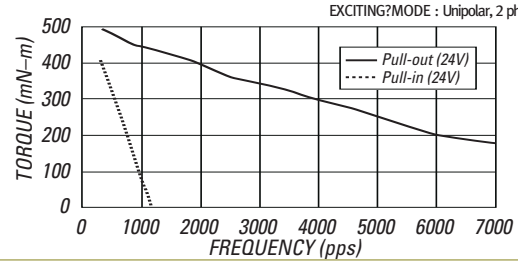
SST59D1150 VOLTAGE : 24VDC CURRENT : 1.0 A/phase
DRIVER : Constant current INTERIA?LOAD : 100g-cm^2
EXCITING?MODE : Unipolar, 2 phase



SST59D1200 VOLTAGE : 24VDC CURRENT : 1.5 A/phase
DRIVER : Constant current INTERIA?LOAD : 100g-cm^2
EXCITING?MODE : Unipolar, 2 phase



SST59D1250 VOLTAGE : 24VDC CURRENT : 2.0 A/phase
DRIVER : Constant current INTERIA?LOAD : 100g-cm^2
EXCITING?MODE : Unipolar, 2 phase

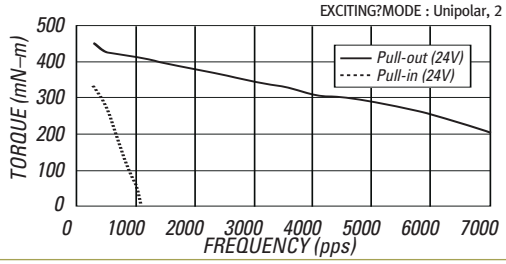


Stepper Motor Series SST59D

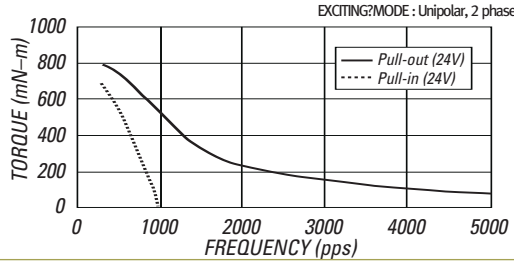
Size 23

Integral Connector
6 pin
42mm, 54mm, 77mm,
1.8° step

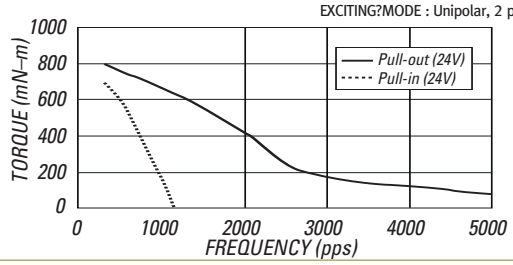
SST59D1300 VOLTAGE : 24VDC | DRIVER : Constant current | CURRENT : 3.0 A/phase | INTERIA?LOAD : 100g-cm^2 | EXCITING?MODE : Unipolar, 2 phase



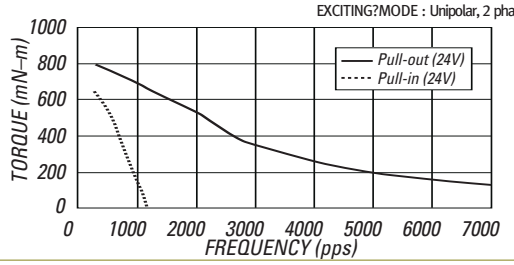
SST59D3100 VOLTAGE : 24VDC | DRIVER : Constant current | CURRENT : 1.0 A/phase | INTERIA?LOAD : 100g-cm^2 | EXCITING?MODE : Unipolar, 2 phase



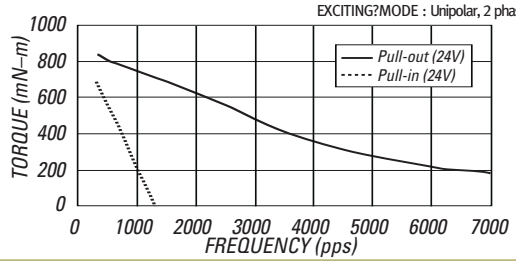
SST59D3150 VOLTAGE : 24VDC | DRIVER : Constant current | CURRENT : 1.5 A/phase | INTERIA?LOAD : 100g-cm^2 | EXCITING?MODE : Unipolar, 2 phase



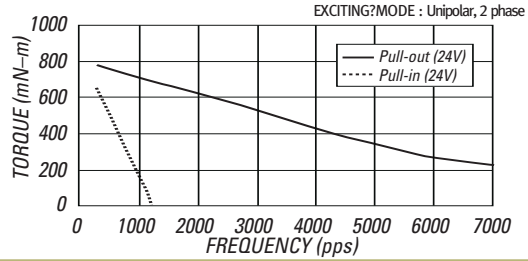
SST59D3200 VOLTAGE : 24VDC | DRIVER : Constant current | CURRENT : 2.0 A/phase | INTERIA?LOAD : 100g-cm^2 | EXCITING?MODE : Unipolar, 2 phase



SST59D3250 VOLTAGE : 24VDC | DRIVER : Constant current | CURRENT : 2.5 A/phase | INTERIA?LOAD : 100g-cm^2 | EXCITING?MODE : Unipolar, 2 phase

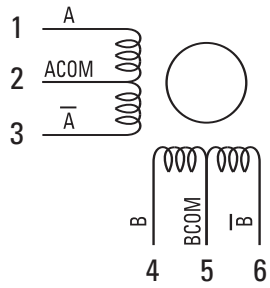


SST59D3300 VOLTAGE : 24VDC | DRIVER : Constant current | CURRENT : 3.0 A/phase | INTERIA?LOAD : 100g-cm^2 | EXCITING?MODE : Unipolar, 2 phase



Depending on dirver condition, motor may generate excessive temperature.
Recommended temperature on motor surface is 100 deg C max.

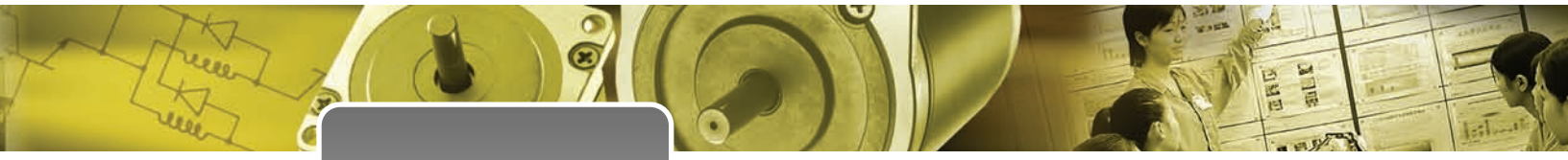
Wiring Diagram



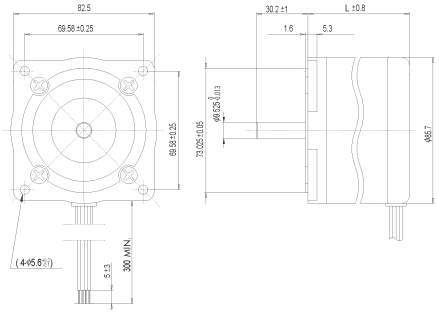
PIN?OUT CHART					
1	2	3	4	5	6
A	A COM	$\overline{A}$	B	B COM	B

Stepper Motor Series SST 83D

Size 34



6 Lead Wire
62mm, 93.5mm,
128.5mm
1.8° step



RoHS compliant

Specifications

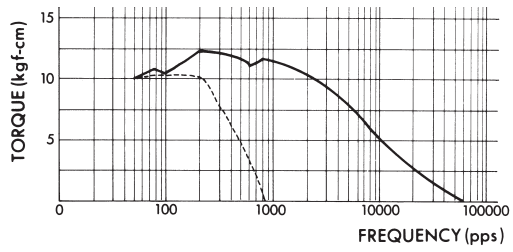
MODEL		STEP ANGLE	VOLTAGE	CURRENT	RESISTANCE	INDUCTANCE	HOLDING TORQUE	ROTOR INERTIA	NUMBER OF LEADS	WEIGHT	DIMENSION
SINGLE SHAFT	DOUBLE SHAFT	DEG.	V	A/Phase	Ω/Phase	mH/Phase	kg-cm	g-cm²	LEAD	kg	L
SST83D1C010	SST83D1C011	1.8	1.8	4.5	0.4	0.96	16	570	6	1.4	62
SST83D1C020	SST83D1C021	1.8	2.8	2.8	1	2.6	16	570	6	1.4	62
SST83D1C030	SST83D1C031	1.8	5.5	1.25	4.4	15	17	570	6	1.4	62
SST83D2C010	SST83D2C011	1.8	3	4	0.75	2.4	31	1100	6	2.5	93.5
SST83D2C020	SST83D2C021	1.8	6	2	3	13	36	1100	6	2.5	93.5
SST83D2C030	SST83D2C031	1.8	4.2	3.5	1.2	4.7	42	1800	6	3.5	128.5

Typical Performance

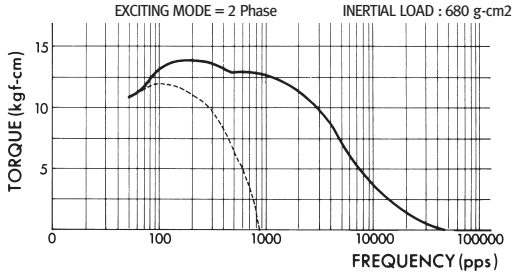
Refer to page 39?? for Driver

—— Pull Out - - - Pull In

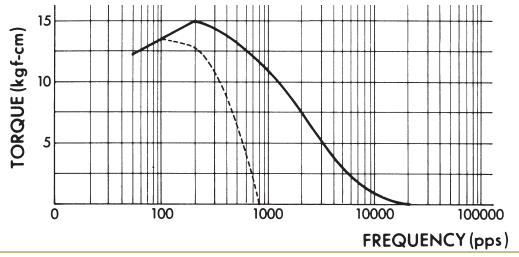
SST83D1C010 DRIVER : SDU2401 CURRENT = 4.0 A/Phase
EXCITING MODE = 2 Phase INERTIAL LOAD : 680 g-cm2



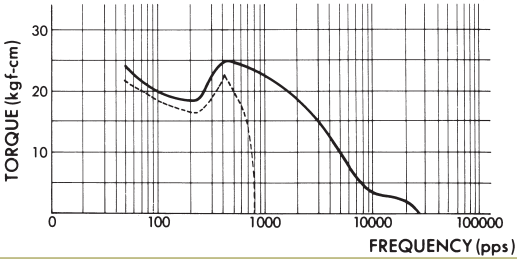
SST83D1C020 DRIVER : SDU2401 CURRENT = 2.8 A/Phase
EXCITING MODE = 2 Phase INERTIAL LOAD : 680 g-cm2



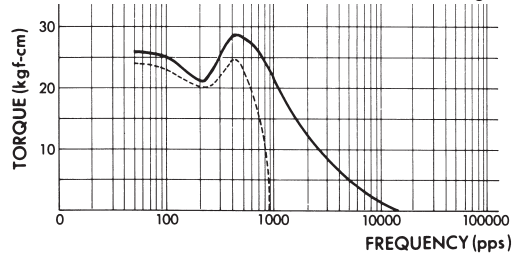
SST83D1C030 DRIVER : SDU2401 CURRENT = 1.25 A/Phase
EXCITING MODE = 2 Phase INERTIAL LOAD : 680 g-cm2



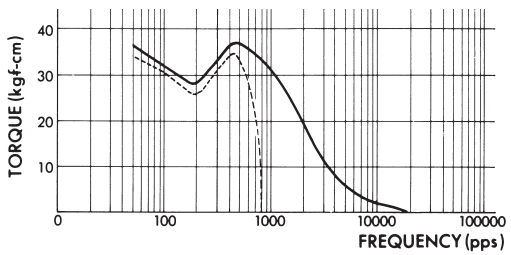
SST83D2C010 DRIVER : SDU2401 CURRENT = 4.0 A/Phase
EXCITING MODE = 2 Phase INERTIAL LOAD : 680 g-cm2



SST83D2C020 DRIVER : SDU2401 CURRENT = 2.0 A/Phase
EXCITING MODE = 2 Phase INERTIAL LOAD : 680 g-cm2



SST83D3C010 DRIVER : SDU2401 CURRENT = 3.5 A/Phase
EXCITING MODE = 2 Phase INERTIAL LOAD : 680 g-cm2



SHINANO KENSHI CORPORATION 6065 BRISTOL PARKWAY, CULVER CITY, CA 90230 • PHONE (310) 693-7600 • TOLL FREE (800) 755-0752 • WWW.SHINANO.COM • E-MAIL: SALES@SHINANO.COM