

APPENDIX

Shinano kenshi stepper motor 43d datasheet

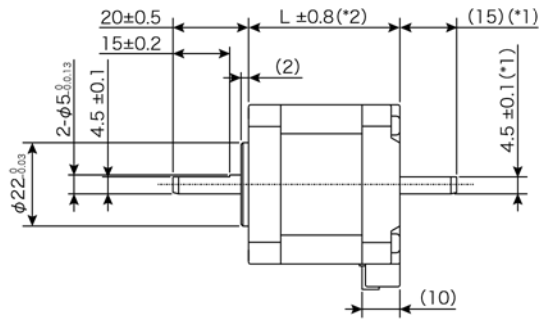
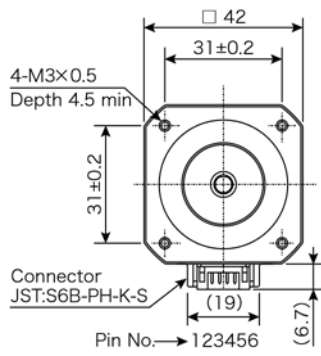
43D SERIES 42mm (NEMA17)

1.8°

Unipolar



MODEL	STEP ANGLE deg.	VOLTAGE V	CURRENT A/ø	RESISTANCE V / ø	INDUCTANCE mH/ø	HOLDING TORQUE mN-m	ROTOR INERTIA g-cm ²	NUMBER OF PINS Pin	MASS g	LENGTH mm
SST43D10 4X	1.8	9.6	0.4	24.0	16.0	215	33	6	230	34
SST43D10 6X	1.8	6.9	0.6	11.5	8.1	226	33	6	230	34
SST43D10 8X	1.8	5.1	0.8	6.4	4.9	233	33	6	230	34
SST43D11 0X	1.8	4.2	1.0	4.2	3.3	238	33	6	230	34
SST43D11 2X	1.8	3.2	1.2	2.7	2.3	237	33	6	230	34
SST43D11 5X	1.8	2.7	1.5	1.8	1.5	235	33	6	230	34
SST43D20 4X	1.8	12.0	0.4	30.0	24.0	314	56	6	290	40
SST43D20 6X	1.8	7.2	0.6	12.0	11.8	322	56	6	290	40
SST43D20 8X	1.8	5.5	0.8	6.9	7.1	321	56	6	290	40
SST43D21 0X	1.8	4.8	1.0	4.8	4.8	338	56	6	290	40
SST43D21 2X	1.8	4.0	1.2	3.3	3.6	341	56	6	290	40
SST43D21 4X	1.8	3.2	1.4	2.3	2.5	329	56	6	290	40
SST43D21 6X	1.8	3.0	1.6	1.9	1.8	313	56	6	290	40



Mating connector

Housing	JST:PHR-6
Contact	JST:SPH-002T-P0.5S

*1 Dimensions apply to double shaft models.
 *2 Available motor length 31mm~61.5mm

