

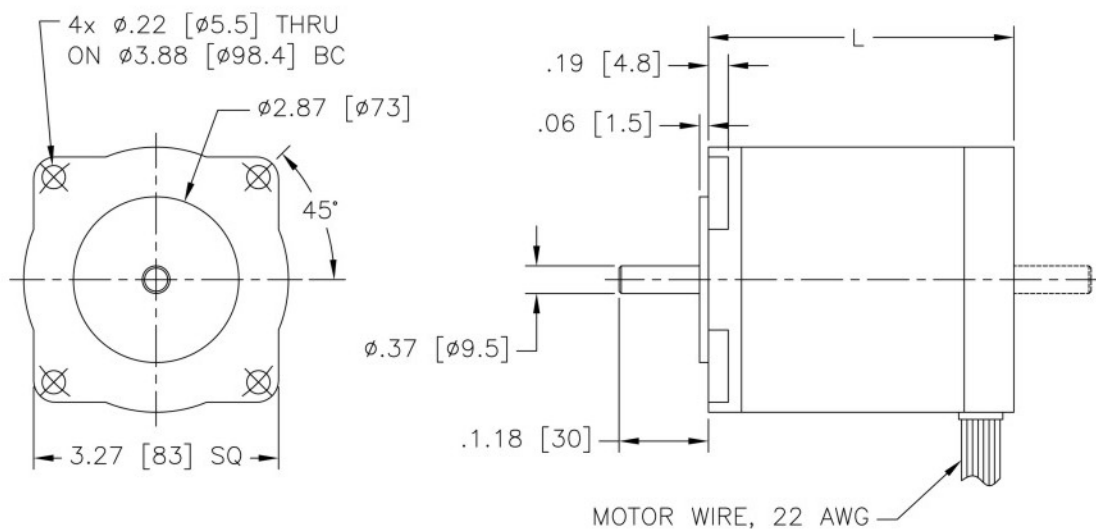
# ST086NA Stepping Motor

## General Features

- 86mm, 1.8Degree Enhanced Hybrid Stepper Motor



## Outline Drawing and Dimensional Data



## Technical and Performance Data

Model	Phase Current (A)	Phase Resistance (Ohms)	Phase Inductance (mH)	Holding Torque (Ncm)	Detent Torque (Ncm)	No. of Wires	Rotor Inertia (Kg.cm <sup>2</sup> )	Length (mm)	Weight (Kg)
ST086NA101	1.7	1.7	7.3	137.2	7.84	8	0.64	62	1.6
ST086NA102	1.25	4	16	137.2	7.84	8	0.64	62	1.6
ST086NA103	3.6	0.45	1.7	137.2	7.84	8	0.64	62	1.6
ST086NA104	4.5	0.31	1.1	137.2	7.84	8	0.64	62	1.6
ST086NA201	4	0.75	3.8	274.4	14.7	8	1.3	94	2.6
ST086NA202	4.6	0.55	2.5	274.4	14.7	8	1.3	94	2.6
ST086NA203	2.5	1.7	7.8	274.4	14.7	8	1.3	94	2.6
ST086NA204	2	2.7	11	274.4	14.7	8	1.3	94	2.6
ST086NA301	7	0.29	2	392	24.5	8	1.9	127	3.6
ST086NA302	4	1	5	392	24.5	8	1.9	127	3.6