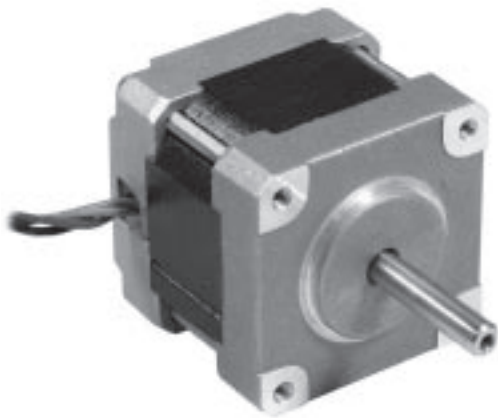


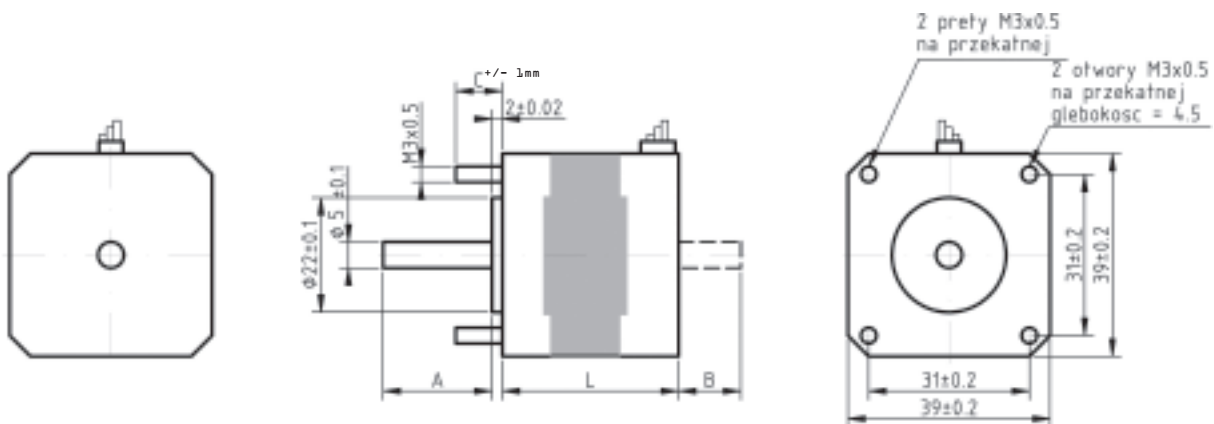
2-PHASE STEPPER MOTOR 39BYGH SERIES



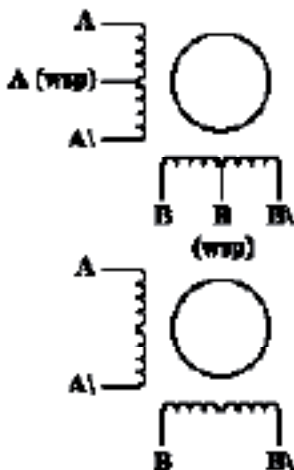
Small, standard 2-phase motors with high ratio torque to dimensions. Outline dimensions: 39*39mm, shaft 5mm. We recommend motors ...402 and ...405, which have high torque in relation to small dimensions and an attractive price. Leads of phase (unipolar or bipolar) are given by cables 30cm length.

Recommended drivers: **SMC 50, SMC 52, SMC 81.**

- **2-phase motor with step $1,8^\circ \pm 5\%$;**
- **Operating temperature $0 \sim +50^\circ\text{C}$;**
- **Insulation resistance min. $100\text{M}\Omega/500\text{VDC}$;**
- **Insulation class B ;**
- **Weight $0,15\text{kg}$;**
- **Axial play: $0,02\text{mm}$.**



MODEL	MOTOR TYPE	STEP (°)	VOLTAGE (V)	CURRENT (A)	RESISTANCE (Ω)	INDUCTANCE (mH)	TORQUE (Nm)	ROTOR INERTIA (gcm ²)	WEIGHT (kg)
39BYGH 001	Unipolar	1,8	5	1	5	4	0,18	13	0,15
39BYGH 402UD	Unipolar	1,8	12	0,3	40	45	0,11	20	0,24
39BYGH 402U	Unipolar	1,8	12	0,4	30	32	0,11	25	0,20
39BYGH 402B	Bipolar	1,8	12	0,3	40	20	0,11	20	0,24
39BYGH 405B	Bipolar	1,8	12	0,4	30	32	0,21	20	0,24
39BYGH 603	Unipolar	1,8	12	0,16	75	50	0,11	20	0,24
39BYGH 702U	Unipolar	1,8	12	0,4	30	32	0,21	20	0,25
39BYGH 002	Unipolar	1,8	6,5	0,5	13	7,5	0,08	13	0,15



MODEL	A	B	C	L	COLOUR CABLES					
	[mm]				A	A (wsp)	A\	B	B (wsp)	B\
39BYGH 001	21	-	-	34	white	-	yellow	red	-	blue
39BYGH 402UD	14	12	9	34	black	yellow	green	blue	white	red
39BYGH 402U	14	-	9	34	black	yellow	green	red	white	blue
39BYGH 402B	22	-	-	34	white	-	yellow	red	-	blue
39BYGH 405B	18	-	-	34	white	-	yellow	red	-	blue
39BYGH 603	18	-	-	34	black	yellow	green	blue	white	red
39BYGH 702U	22	-	-	45	black	yellow	green	red	white	blue
39BYGH 002	21,5	-	-	20	black	yellow	yellow	red	white	blue