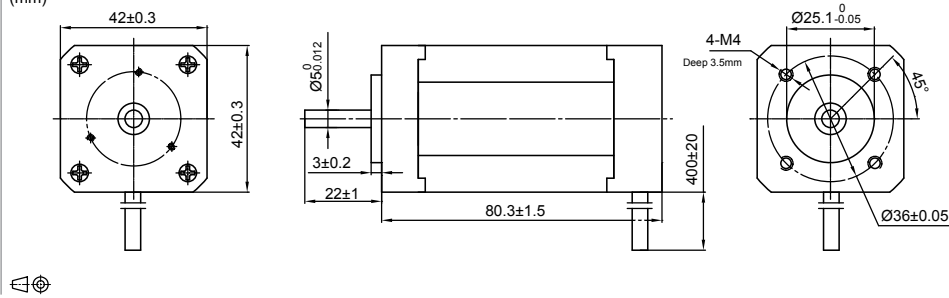


# B4280 / Ø 42mm

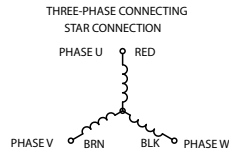
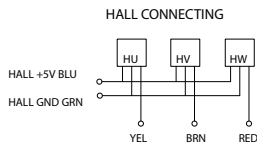
## DRAWING (mm)



## PHOTO



## HALL CONNECTING



## MODEL NO. DESIGNATION

MODEL - VOLTAGE

Example: B4280-12

## MOTOR DATA

	Units	B4280-24	Units	B4280
Nominal voltage	V	24	Ambient temperature	°C -15...+40
Nominal power	W	78	Max. permissible winding temperature	°C 120
No load speed	rpm	6100	Max. permissible speed	rpm 20000
No load current	mA	500	Axial play at axial load < 3,5 N	mm 0,1
Nominal speed	rpm	4000	Axial play at axial load > 3,5 N	mm 0,6
Nominal torque	mNm	220	Max. axial load (dynamic)	N 10
Nominal current	A	4,7	Max. force for press fits (static)	N 200
Stall torque	mNm	560	Max. force for press fits (static, shaft supported)	N 200
Starting current	A	19,8	Max. radial loading, 10 mm from flange	N 28
Max. Efficiency	%	76,8	Number of pole pairs	4
Terminal resistance phase to phase	Ω	0,43	Number of phases	3
Terminal inductance phase to phase	mH	0,71	Weight	g 650
Torque constant	mNm / A	38		
Speed constant	rpm / V	365		
Mechanical time constant	ms	6,87		
Rotor inertia	gcm <sup>2</sup>	72		