

# Motor, BCH2HF0733CF5C

URL: <https://www.sxplc.com/motor-bch2hf0733cf5c>

## Product data sheet

Maximum mechanical speed	5000 rpm
[Us] rated supply voltage	220 V 110 V
Phase	Single phase Three phase
Continuous stall current	4.01 A
Shaft end	Keyed
Shaft diameter	0.7 in (19 mm)
Shaft length	1.4 in (35 mm)
Key width	0.2 in (6 mm)
Feedback type	20 bits single turn absolute encoder
Holding brake	With
Holding torque	22.1 lbf.in (2.5 N.m) built-in
Mounting Support	Asian standard flange
Motor flange size	3.1 in (80 mm)
Electrical connection	Free lead
Torque constant	0.6 N.m/A 68.0000000000 °F (20 °C)
Back emf constant	36 V/krpm 68.0000000000 °F (20 °C)
Rotor inertia	1.59 kg.cm <sup>2</sup>

Stator resistance	1.5 Ohm 68 °F (20 °C)
Stator inductance	6.1 mH 68.0000000000 °F (20 °C)
Stator electrical time constant	4.07 ms 68.0000000000 °F (20 °C)
Maximum radial force Fr	332 N 3000 rpm
Maximum axial force Fa	115 N
Brake pull-in power	10.2 W
Type of cooling	Natural convection

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