PM2020P Series

PERMANENT MAGNET STEPPING MOTORS

ø20 mm, ∠15°/18°

Optimized for use in portable printing machine

Commerical **Surveillance camera & label printer**

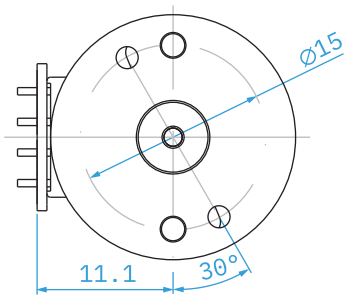
For our complete product range, visit symtek.com.tw/st

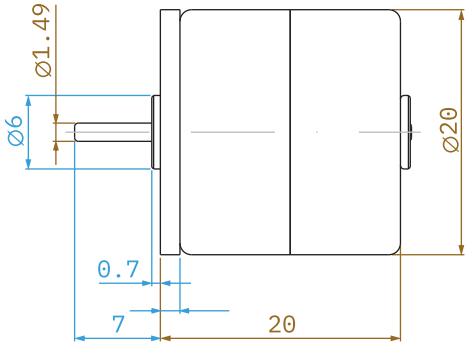
	SPECS / RATED VOLTAGE		MODEL 1 @5.2VDC	MODEL 2 @12VDC
1	Rated Current Per Phase	mA	343	400
2	Number of Phase		2	2
3	Step Angle	°	18°	15°
4	Excitation		2-2 Bipolar	2-2 Bipolar
5	Pull-Out Torque	g-cm	≥30 g-cm / 600 pps	≥70 g-cm / 1,000 pps
6	Pull-In Torque	g-cm	≥50 g-cm / 200 pps	≥75 g-cm / 500 pps
7	Holding Torque	g-cm	≥65	≥115
8	Resistance Per Phase	Ω	2.6	7.0
9	Max Pull-Out Pulse Rate	pps	≥765	≥1,120
10	Max Pull-In Pulse Rate	pps	≥380	≥980

For customization such as voltage, as well as accessories including gears, gear heads, pulleys, cables, connectors, and leadscrews, please contact us.

DIMENSIONS (MM)

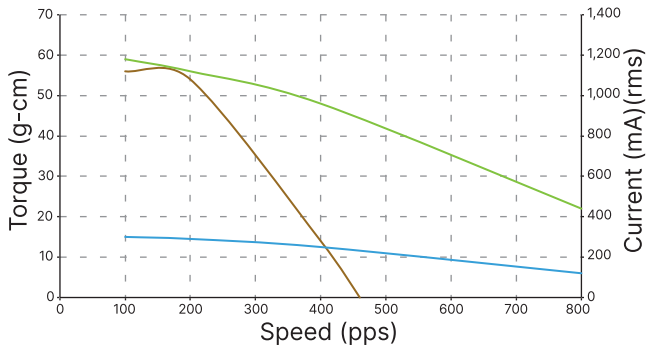
Frame Size	Length	Shaft Diameter
20 mm	20 mm	1.49 mm



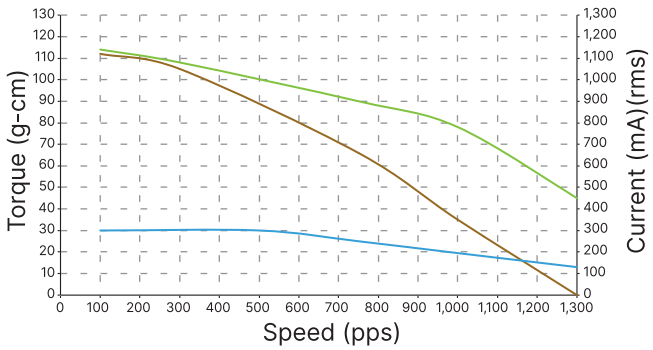


MOTOR T-N CURVES

ST-PM2020P MODEL 1 @5.2VDC



ST-PM2020P MODEL 2 @12VDC



Pull-In Pull-Out Current

Specifications are subject to change without prior notice. Rev. 2020/03/W106.0

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