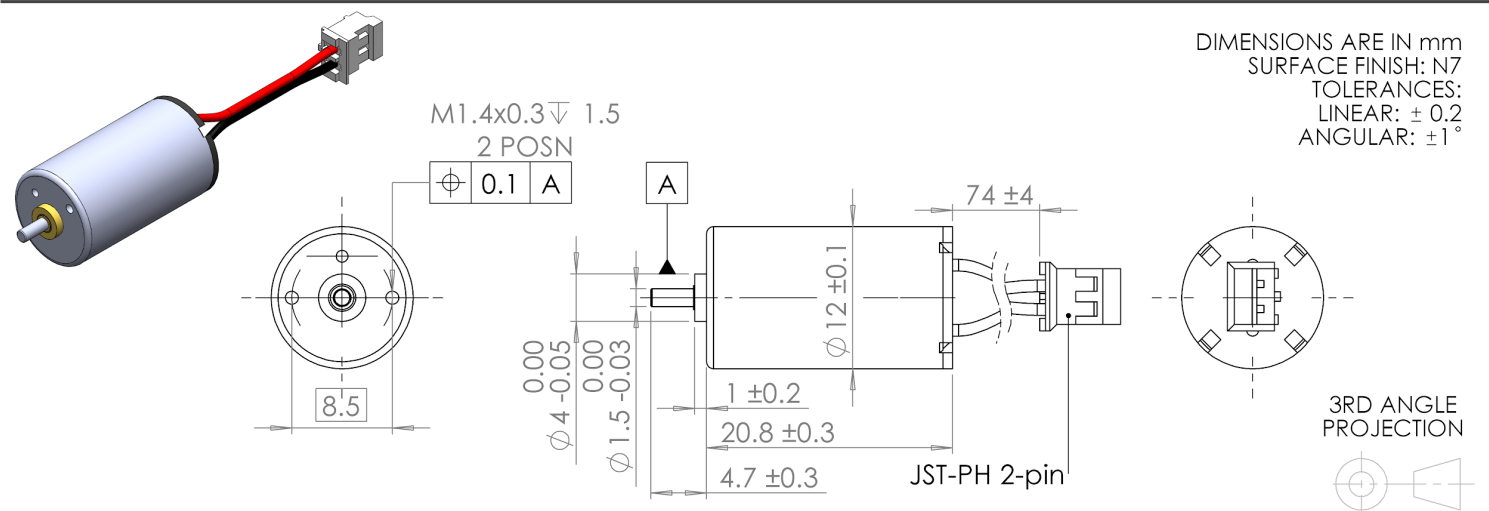


Ø12 x 21mm / fit for gearbox and encoder



112-601

This graph displays the performance characteristics of motor 112-601. The x-axis represents Torque in mN·m, ranging from 0 to 6.5. The left y-axis shows Speed in rpm (0 to 8000) and Current in mA (0 to 1000). The right y-axis shows Power Out in mW (0 to 1400) and Efficiency in % (0 to 70). The legend indicates four data series: Speed (green line), Current (red line), Power Out (orange line), and Efficiency (blue line). Speed decreases linearly from 8000 rpm at 0 torque to 0 rpm at 6.5 torque. Current increases linearly from 0 mA at 0 torque to 1000 mA at 6.5 torque. Power Out is a parabolic curve starting at 0, peaking at approximately 1350 mW at 3.25 torque, and returning to 0 at 6.5 torque. Efficiency starts at 0%, peaks at approximately 70% at 0.75 torque, and then decreases to 0% at 6.5 torque.

Torque [mN·m]	Speed [rpm]	Current [mA]	Power Out [mW]	Efficiency [%]
0	8000	0	0	0
0.5	7500	150	400	65
1.0	7000	300	800	68
1.5	6500	450	1100	65
2.0	6000	600	1250	60
2.5	5500	750	1300	55
3.0	5000	900	1350	50
3.25	4750	950	1350	48
3.5	4500	1000	1300	45
4.0	4000	1100	1100	38
4.5	3500	1200	850	30
5.0	3000	1300	600	22
5.5	2500	1400	350	15
6.0	2000	1500	100	8
6.5	0	1600	0	0