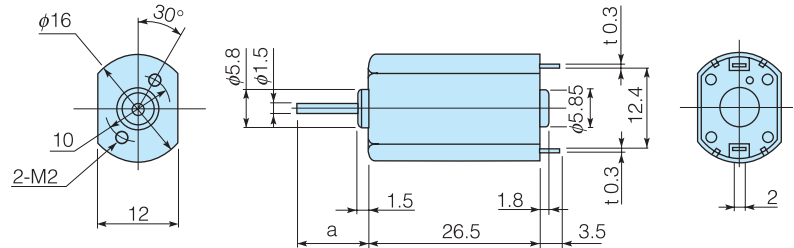


Standard Dimensions(mm)



Typical Data

Model	Working Voltage (V)	Rated Voltage (V)	No Load Speed (r/min)	No Load Current (mA)	Rated Load		Rated Speed (r/min)	Rated Current (mA)	Starting Torque		Shaft Length (mm)
					(gf·cm)	(mN·m)			(gf·cm)	(mN·m)	
PPN13KA12C	1.5 to 2.5	2	3830	35	2.0	0.196	3315	80	14.0	1.373	a=11
PPN13KB08C	2.7 to 7.5	5	4610	17	3.0	0.294	3660	51	14.5	1.422	a=11
PPN13KA11C	1.6 to 6.0	5	8700	35	15.0	1.471	3900	320	28.5	2.795	a=11
PPN13LB10C	3.5 to 10.0	5	6160	20	4.0	0.392	5230	75	26.4	2.587	a=11
PPN13KB10C	3.5 to 7.5	7.4	10300	40	7.5	0.735	8150	175	36.0	3.530	a=11
PPN13KB09A	5.0 to 11.0	9.6	11350	25	5.0	0.490	9700	100	37.0	3.628	a=6
PPN13PB11C	0.5 to 10.0	7.4	9100	34	7.5	0.735	7450	142	41.6	4.080	a=11
PPN13PB125C	1.0 to 7.4	2.0	3150	34	2.0	0.196	2700	70	15.1	1.480	a=11
PPN13PB10C	1.0 to 10.0	8.0	7600	25	12.0	1.176	5100	145	36.7	3.600	a=11
PPN13PB12C	1.0 to 7.0	4.0	5600	33	5.0	0.490	4650	110	29.1	2.850	a=11

Characteristics

