

MG16AE Gear Motor

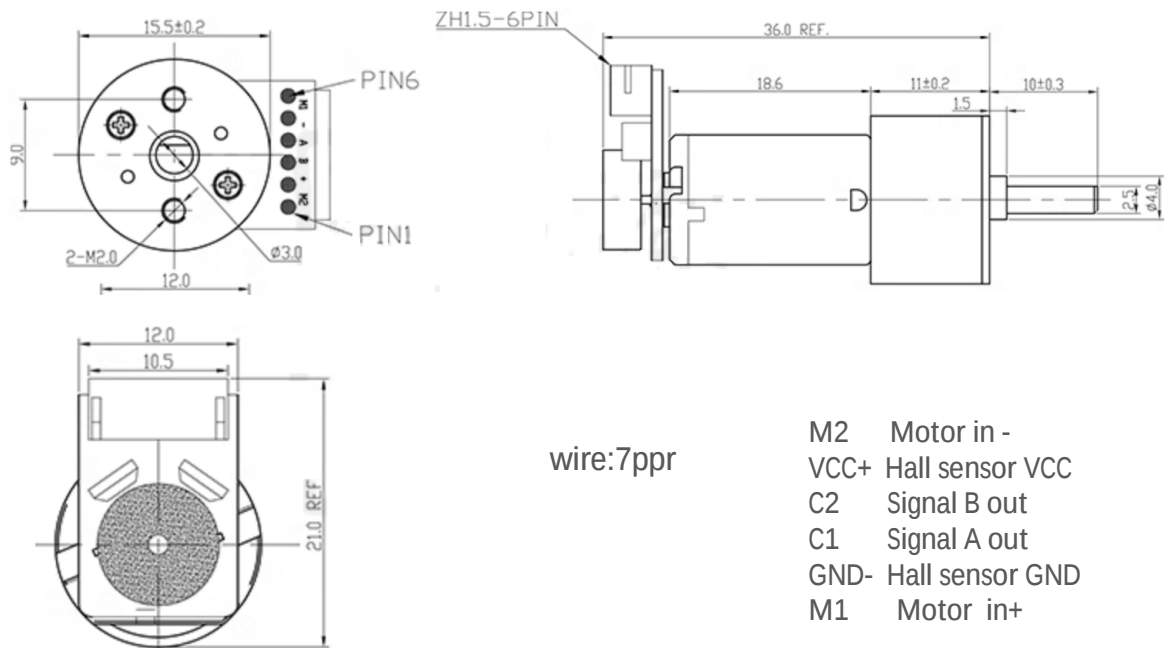
Motor size: $\Phi 16\text{mm}$

Typical Application:

Instrument, Medical instrument,
Robotic, Home Appliance



Dimension



Specification DC 12V MAXPOWER 1.5W

Model	No Load Current (mA)	NoLoadSpeed (rpm)	Rated Speed (rpm)	Rated Torque (g.cm)	Rated Current (mA)	StallTorque(K g.cm)	Stall Current (mA)	GearRatio
MG16AE-121750	≤70	1750	1450	50	≤160	0.3	≤750	10:1
MG16AE-120880	≤70	880	730	100	≤160	0.6	≤750	20:1
MG16AE-120500	≤70	500	420	170	≤160	1	≤750	35:1
MG16AE-120280	≤70	280	230	300	≤160	2	≤750	63:1
MG16AE-120205	≤70	205	170	400	≤160	2.5	≤750	86:1
MG16AE-120155	≤70	155	125	550	≤160	can't exceed 3.0Kg.cm	≤750	115:1
MG16AE-120115	≤70	115	100	750	≤160		≤750	150:1
MG16AE-120070	≤70	70	58	1250	≤160		≤750	250:1
MG16AE-120050	≤70	50	40	1800	≤160		≤750	360:1

Specification DC 9V MAXPOWER1.2W

Model	No Load Current (mA)	NoLoadSpeed (rpm)	Rated Speed (rpm)	Rated Torque (g.cm)	Rated Current (mA)	StallTorque(K g.cm)	Stall Current (mA)	GearRatio
MG16AE-091350	≤55	1350	1150	50	≤120	0.25	≤560	10:1
MG16AE-090675	≤55	675	580	100	≤120	0.5	≤560	20:1
MG16AE-090385	≤55	385	330	170	≤120	0.8	≤560	35:1
MG16AE-090215	≤55	215	185	300	≤120	1.8	≤560	63:1
MG16AE-090160	≤55	160	135	400	≤120	2.3	≤560	86:1
MG16AE-090120	≤55	120	100	550	≤120	can't exceed 3.0Kg.cm	≤560	115:1
MG16AE-090090	≤55	90	77	750	≤120		≤560	150:1
MG16AE-090055	≤55	55	45	1250	≤120		≤560	250:1
MG16AE-090038	≤55	38	32	1800	≤120		≤560	360:1

Specification DC 6V MAXPOWER 0.7W

Model	No Load Current (mA)	NoLoadSpeed (rpm)	Rated Speed (rpm)	Rated Torque (g.cm)	Rated Current (mA)	StallTorque(K g.cm)	Stall Current (mA)	GearRatio
MG16AE-060900	≤50	900	780	50	≤100	0.2	≤380	10:1
MG16AE-060450	≤50	450	385	100	≤100	0.45	≤380	20:1
MG16AE-060250	≤50	250	220	170	≤100	0.7	≤380	35:1
MG16AE-060140	≤50	140	120	300	≤100	1.5	≤380	63:1
MG16AE-060105	≤50	105	90	400	≤100	2	≤380	86:1
MG16AE-060080	≤50	80	68	550	≤100	2.3	≤380	115:1
MG16AE-060060	≤50	60	50	750	≤100	can't exceed 3.0Kg.cm	≤380	150:1
MG16AE-060035	≤50	35	30	1250	≤100		≤380	250:1
MG16AE-060025	≤50	25	22	1800	≤100		≤380	360:1