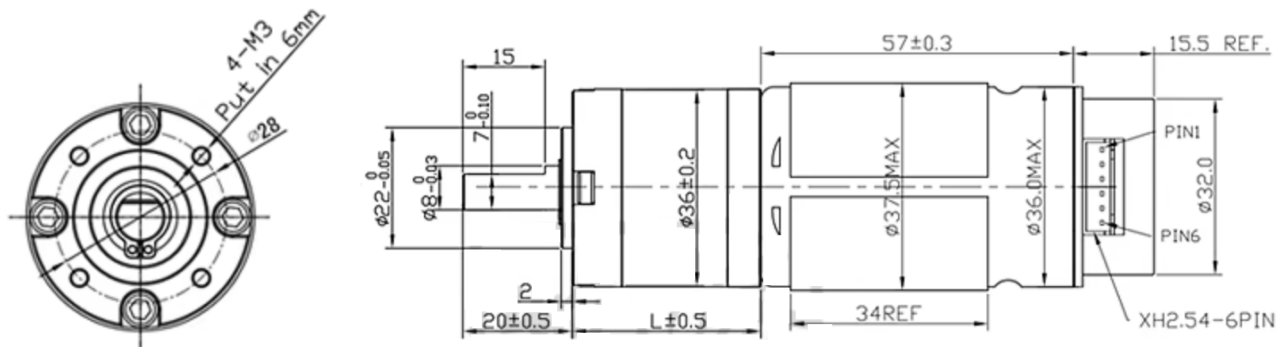


MPG36AEC Planetary Gear Motor

Motor size: $\Phi 36\text{mm}$
 Typical Application:
 Instrument, Medical instrument, Robotic,
 Home Appliance



Dimension



wire:11ppr

M2 Motor in -
 VCC+ Hall sensor VCC
 C2 Signal B out
 C1 Signal A out
 GND- Hall sensor GND
 M1 Motor in+

Specification DC 24V MAX POWER 120W

Model	No Load Current (mA)	NoLoadSpeed (rpm)	Rated Speed (rpm)	RatedTorque (Kg.cm)	Rated Current (mA)	StallTorque(Kg.cm)	StallCurrent(A)	GearBoxLength hL(mm)	GearRatio
MPG36AEC-243200	≤600	3200	2400	3	≤2700	8	≤21	26.5	3.7:1
MPG36AEC-242300	≤600	2300	1750	5	≤2700	10	≤21	26.5	5.2:1
MPG36AEC-240850	≤600	850	650	10	≤2700	25	≤21	34.5	14:1
MPG36AEC-240630	≤600	630	500	15	≤2700	30	≤21	34.5	19:1
MPG36AEC-240440	≤600	440	350	25	≤2700	35.0	≤21	34.5	27:1
MPG36AEC-240230	≤600	230	190	35	≤2700	50	≤21	42.5	51:1
MPG36AEC-240120	≤600	120	90	50	≤2700	50	≤21	42.5	100:1
MPG36AEC-240085	≤600	85	65	50	≤2700	50	≤21	42.5	139:1
MPG36AEC-240045	≤600	45	35	50	≤2700	60	≤21	50.5	264:1
MPG36AEC-240023	≤600	23	18	60	≤2700	60	≤21	50.5	515:1

Specification DC6V MAX POWER 30W

Model	No Load Current (mA)	NoLoadSpeed (rpm)	Rated Speed (rpm)	RatedTorque (Kg.cm)	Rated Current (mA)	StallTorque(Kg.cm)	StallCurrent(A)	GearBoxLength (mm)	GearRatio
MPG36AEC-121600	≤600	1600	1200	1.5	≤2000	4	≤10	26.5	3.7:1
MPG36AEC-121150	≤600	1150	850	2.5	≤2000	7	≤10	26.5	5.2:1
MPG36AEC-120420	≤600	420	320	5	≤2000	15	≤10	34.5	14:1
MPG36AEC-120310	≤600	310	250	7.5	≤2000	22	≤10	34.5	19:1
MPG36AEC-120220	≤600	220	170	12.5	≤2000	25.0	≤10	34.5	27:1
MPG36AEC-120115	≤600	115	95	17	≤2000	35	≤10	42.5	51:1
MPG36AEC-120060	≤600	60	45	30	≤2000	50	≤10	42.5	100:1
MPG36AEC-120042	≤600	42	32	40	≤2000	50	≤10	42.5	139:1
MPG36AEC-120022	≤600	22	18	50	≤2000	60	≤10	50.5	264:1
MPG36AEC-120011	≤600	11.5	10	60	≤2000	60	≤10	488:1	3.7:1