

MPG42A Planetary Gear Motor

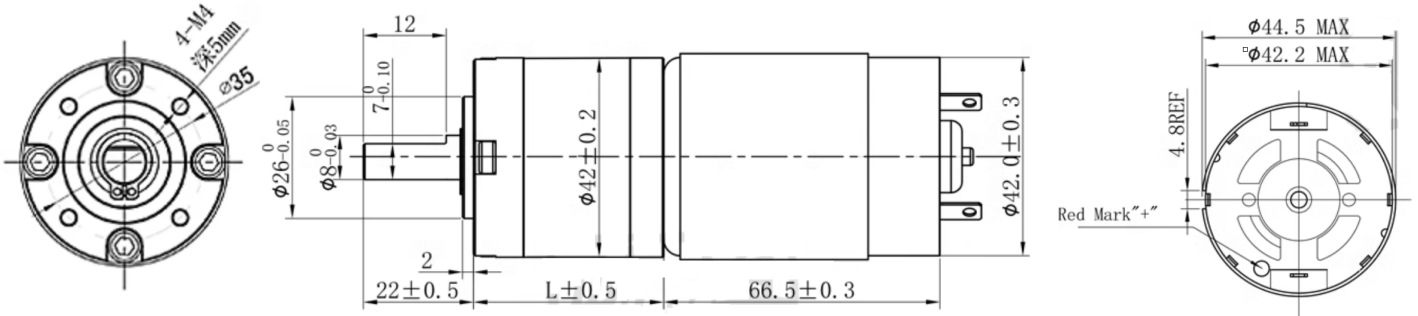
Motor size: $\Phi 42\text{mm}$

Typical Application:

Instrument, Medical instrument,
Robotic, Home Appliance



Dimension



Specification DC12V MAX POWER 35W

Model	No Load Current (mA)	NoLoadSpeed (rpm)	Rated Speed (rpm)	RatedTorque (Kg.cm)	Rated Current (A)	StallCurrent(A)	GearBoxLengthL(mm)	GearRatio
MPG42A-121100	≤ 500	1100	550	5.5	≤ 6	12	33.5	3.7:1
MPG42A-120820	≤ 500	820	410	7.5	≤ 6	12	33.5	5:1
MPG42A-120315	≤ 500	315	150	20	≤ 6	12	43.5	13:1
MPG42A-120228	≤ 500	228	140	20	≤ 6	12	43.5	18:1
MPG42A-120165	≤ 500	165	110	20	≤ 6	12	43.5	25:1
MPG42A-120083	≤ 500	83	60	30	≤ 6	12	53.5	49:1
MPG42A-120060	≤ 500	60	50	30	≤ 6	12	53.5	67:1
MPG42A-120045	≤ 500	45	37	40	≤ 6	12	53.5	92:1
MPG42A-120032	≤ 500	32	27	40	≤ 6	12	53.5	125:1
MPG42A-120022	≤ 500	22	19	50	≤ 6	12	63.5	181:1
MPG42A-120016	≤ 500	16.5	15	70	≤ 6	12	63.5	246:1
MPG42A-120012	≤ 500	12	11	70	≤ 6	12	63.5	336:1
MPG42A-120009	≤ 500	9	8	70	≤ 6	12	63.5	458:1
MPG42A-120006	≤ 500	6.5	5.8	70	≤ 6	12	63.5	625:1

Specification DC24V MAX POWER150W

Model	No Load Current (mA)	NoLoadSpeed(rpm)	Rated Speed (rpm)	RatedTorque (Kg.cm)	Rated Current (A)	StallCurrent(A)	GearBoxLengthL(mm)	GearRatio
MPG42A-242200	≤700	2200	1100	11	≤6	13	33.5	3.7:1
MPG42A-241640	≤700	1640	820	15	≤6	13	33.5	5:1
MPG42A-240630	≤700	630	300	30	≤6	13	43.5	13:1
MPG42A-240450	≤700	450	300	30	≤6	13	43.5	18:1
MPG42A-240330	≤700	330	250	30	≤6	13	43.5	25:1
MPG42A-240165	≤700	165	130	40	≤6	13	53.5	49:1
MPG42A-240120	≤700	120	105	50	≤6	13	53.5	67:1
MPG42A-240090	≤700	90	80	60	≤6	13	53.5	92:1
MPG42A-240064	≤700	64	55	60	≤6	13	53.5	125:1
MPG42A-240044	≤700	44	40	70	≤6	13	50.6	264:2
MPG42A-240033	≤700	33	30	90	≤6	13	63.5	181:1
MPG42A-240024	≤700	24	22	90	≤6	13	63.5	246:1
MPG42A-240018	≤700	18	16	90	≤6	13	63.5	336:1
MPG42A-240013	≤700	13	12	90	≤6	13	63.5	458:1