

EL Series Economic Type Planetary Gearbox

EL22 Series (22mm round flange)

Reduction ratio (Round up)		3	3.32	3.75	4.38	14	16	19	53	62	72	84	104	198	231	252	270	315	368
Approx. Efficiency (%)		90				81				73				66					
Number of stages		1				2				3				4					
Max input speed	rpm	8000																	
Rated torque	Nm	0.6				0.7				0.8				0.9					
Axial / Radial load	N	15 / 50				15 / 50				15 / 50				15 / 50					
Gearbox Length	mm	27.4				35.4				43.4				51.4					
Lubrication		Lifetime lubrication																	
Operating temperature	° C	-20 ~ +120																	

EL32 Planetary Gearbox (30, 32mm round flange)

Reduction ratio (Round up)		4	5.2	6.25	8	16	25	32	50	64	100	128	156	200	244	313	333	400	512
Approx. Efficiency (%)		90				81				73									
Number of stages		1				2				3									
Max input speed	rpm	6000																	
Rated torque	Nm	1				2.3				4									
Axial / Radial load	N	30 / 100				30 / 100				30 / 100									
Gearbox Length	mm	45.1				56.1				67.1									
Lubrication		Lifetime lubrication																	
Operating temperature	° C	-20 ~ +120																	

EL42 Planetary Gearbox (42mm round flange)

Reduction ratio (Round up)		4	5	7	10	16	20	25	35	40	50	70	100	120	160	200	350	490	700
Approx. Efficiency (%)		90				81				73									
Number of stages		1				2				3									
Max input speed	rpm	6000																	
Rated torque	Nm	3.2				7.6				16									
Axial / Radial load	N	150 / 250				150 / 250				150 / 250									
Gearbox Length	mm	48.6				62.6				76.6									
Lubrication		Lifetime lubrication																	
Operating temperature	° C	-20 ~ +120																	

EL52 Planetary Gearbox (50, 52mm round flange)

Reduction ratio (Round up)		4	5	7	10	16	20	25	35	40	50	70	100	120	160	200	350	490	700
Approx. Efficiency (%)		90				81				73									
Number of stages		1				2				3									
Max input speed	rpm	6000																	
Rated torque	Nm	5				15				31.25									
Axial / Radial load	N	350 / 500				350 / 500				350 / 500									
Gearbox Length	mm	58.9				72.9				88.9									
Lubrication		Lifetime lubrication																	
Operating temperature	° C	-20 ~ +120																	

EL Series Economic Type Planetary Gearbox

EL60 Planetary Gearbox (60mm round flange)

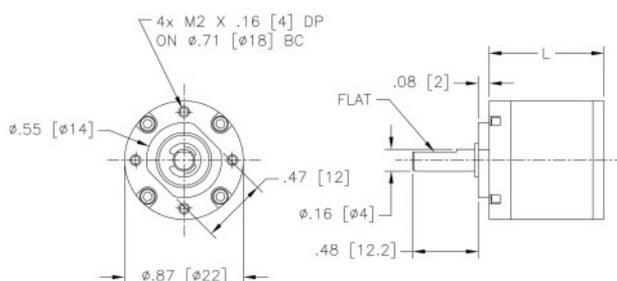
Reduction ratio (Round up)		4	5	7	10	16	20	25	35	40	50	70	100	120	160	200	350	490	700
Approx. Efficiency (%)		90			81			73											
Number of stages		1			2			3											
Max input speed	rpm	6000																	
Rated torque	Nm	10			31.25			62.5											
Axial / Radial load	N	450 / 1000			450 / 1000			450 / 1000											
Gearbox Length	mm	49.5			69.5			87.5											
Lubrication		Lifetime lubrication																	
Operating temperature	° C	-20 ~ +120																	

EL80 Planetary Gearbox (80mm round flange)

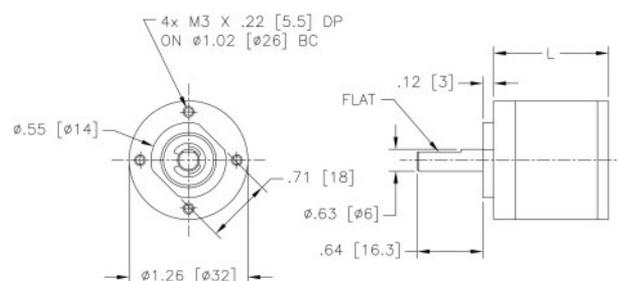
Reduction ratio (Round up)		4	5	7	10	16	20	25	35	40	50	70	100	120	160	200	350	490	700
Approx. Efficiency (%)		90			81			73											
Number of stages		1			2			3											
Max input speed	rpm	6000																	
Rated torque	Nm	44			75			105											
Axial / Radial load	N	500 / 1300			500 / 1300			500 / 1300											
Gearbox Length	mm	52.5			73			93.5											
Lubrication		Lifetime lubrication																	
Operating temperature	° C	-20 ~ +120																	

EL90 Planetary Gearbox (90mm round flange)

Reduction ratio (Round up)		4	5	7	10	16	20	25	35	40	50	70	100	120	160	200	350	490	700
Approx. Efficiency (%)		90			81			73											
Number of stages		1			2			3											
Max input speed	rpm	6000																	
Rated torque	Nm	58			90			150											
Axial / Radial load	N	1000 / 1400			1000 / 1400			1000 / 1400											
Gearbox Length	mm	52.5			73			93.5											
Lubrication		Lifetime lubrication																	
Operating temperature	° C	-20 ~ +120																	

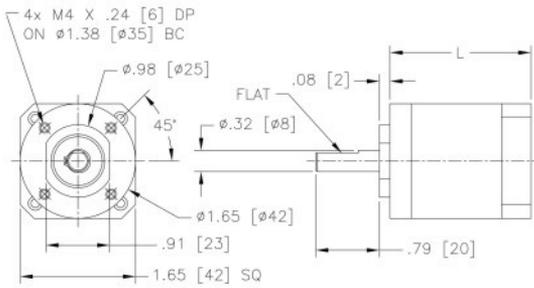


EL22

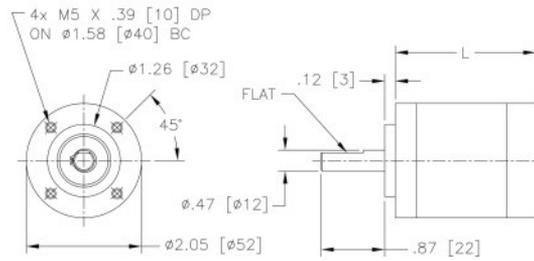


EL32

EL Series Economic Type Planetary Gearbox

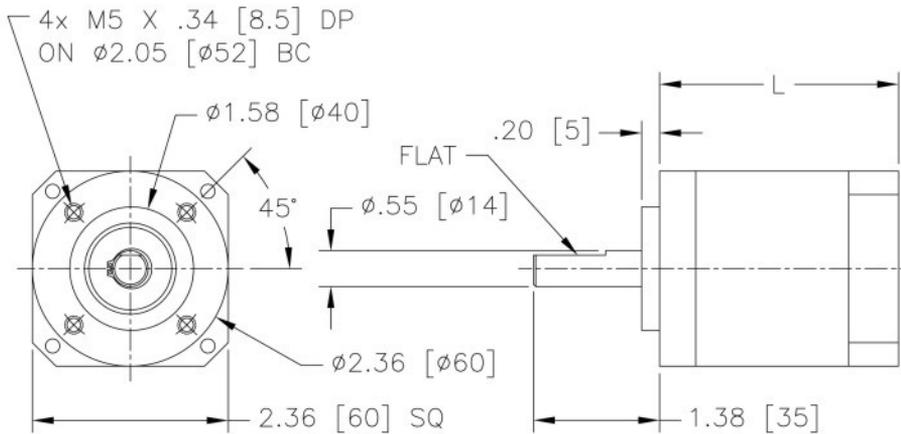


EL42

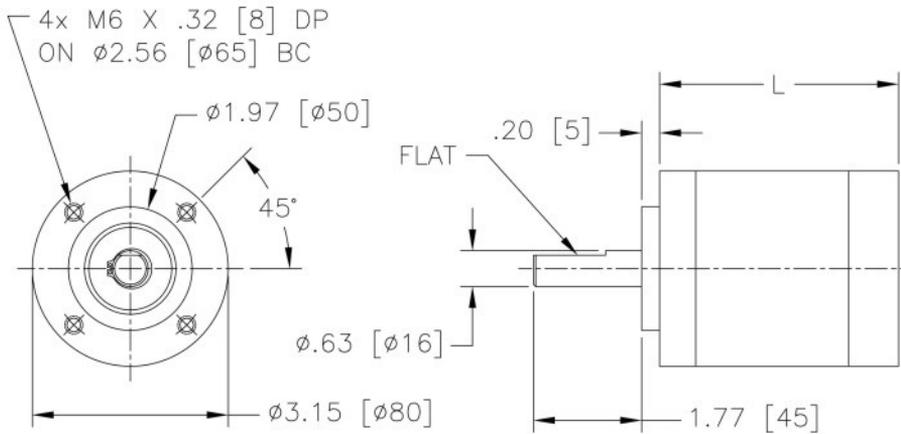


EL52

EL60



EL80



EL90

