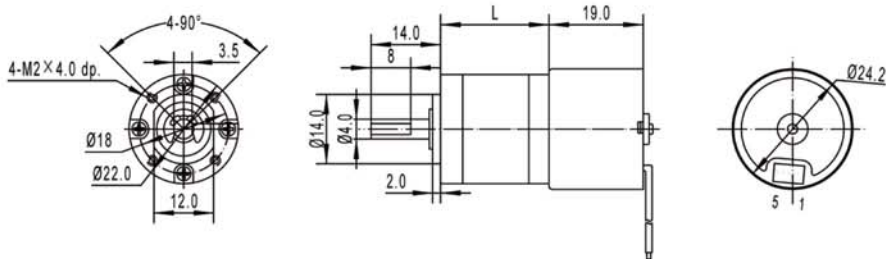


KLS23-GMP22-TEC2419 22mm Planetary Gearbox plus 24mm brushless motor

- Small size dc gear motor with low speed and big torque
- 22mm gear motor provide 0.8Nm torque and more reliable
- Suitable to small diameter, low noise and big torque application
- Reduction Ratio: 16、62、84、104、231、316、370、455、1014



Gear Motor Dimensions (mm)



Motor Technical Data

Motor model No.	Rated voltage	No-load speed	No-load current	Rated speed	Rated torque	Rated current	Output power	Stall torque	Stall current
	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	A
TEC2419-1262	12.0	6200	90	4800	20	180	1.4	105	0.75
TEC2419-2487	24.0	8700	70	7000	20	150	2.5	130	0.70

Gear motor Technical Data

Gearbox with motor: GMP22-TEC2419-1262-XXX

Reduction ratio	16	62	84	104	231	316	370	455	1014	
Length mm	18.1	21.7	21.7	21.7	25.4	25.4	25.4	25.4	29	
No-load speed rpm	360	100	73	58	25	18	15	13	6	
Rated speed rpm	300	75	55	45	20	15	12	10	4.5	
Rated torque kg.cm	0.2	0.7	1.0	1.2	2.3	3.0	3.7	4.5	8	
Max.momentary tolerance torque kg.cm	0.5	1.5	2.5	3.5	7	9	9	9	9	

Gearbox with motor

GMP22-TEC2419-2487-XXX

Reduction ratio	16	62	84	104	231	316	370	455	1014	
Length mm	18.1	21.7	21.7	21.7	25.4	25.4	25.4	25.4	29	
No-load speed rpm	500	135	100	82	37	26	23	18	8	
Rated speed rpm	420	100	80	65	30	22	18	15	6.9	
Rated torque kg.cm	0.2	0.7	1.0	1.2	2.3	3.0	3.7	4.5	8	
Max.momentary tolerance torque kg.cm	0.5	1.5	2.5	3.5	7	9	9	9	9	