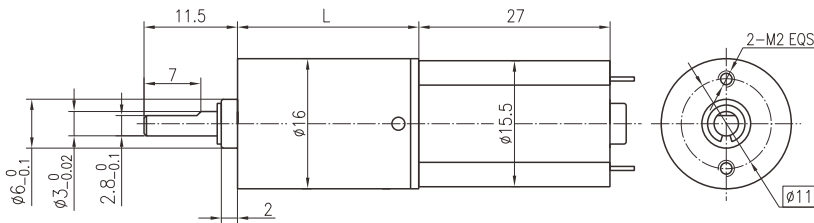


16JX3K/16ZY27

16mm OD Planetary Gearbox,
Permissible Load Range: 0.03N.m~0.3N.m

● Dimensions



● Motor Technical Data

Type	Rated voltage VDC	No-load speed r/min	No-load current mA	At Maximum Efficiency				Stall torque mN.m	Stall current A
				Speed r/min	Current A	Torque mN.m	Output W		
16ZY27-0565	5	6500	55	3300	0.25	0.49	0.169	2.84	0.5
16ZY27-0580	5	8000	60	7000	0.13	0.49	0.359	3.14	1.0

□ Voltage range: DC 3.0V~5.0V

● Gear Motor Technical Data

16ZY27-0565 DC Motor

Reduction ratio	4	4.75	16	19	22	64	76	90	107	256	304	361	428	509
Number of gear trains	1	1	2	2	2	3	3	3	3	4	4	4	4	4
Length(L) mm	11.4	11.4	15.1	15.1	15.1	18.8	18.8	18.8	18.8	22.5	22.5	22.5	22.5	22.5
No-load speed r/min	1625	1368	406	342	295	102	86	72	61	25	21	18	15	13
Rated speed r/min	825	695	206	174	150	52	43	37	31	13	11	9.1	7.7	6.5
Rated torque mN.m	1.8	2.1	6.4	7.5	8.7	23	27	32	38	82	97	115	136	162
Max. permissible load in a short time mN.m	90	90	450	450	450	750	750	750	750	900	900	900	900	900

16ZY27-0580 DC Motor

Reduction ratio	4	4.75	16	19	22	64	76	90	107	256	304	361	428	509
Number of gear trains	1	1	2	2	2	3	3	3	3	4	4	4	4	4
Length(L) mm	11.4	11.4	15.1	15.1	15.1	18.8	18.8	18.8	18.8	22.5	22.5	22.5	22.5	22.5
No-load speed r/min	2000	1684	500	421	364	125	105	89	75	31	26	22	19	16
Rated speed r/min	1750	1474	438	368	318	109	92	78	65	27	23	19	16	14
Rated torque mN.m	1.8	2.1	6.4	7.5	8.7	23	27	32	38	82	97	115	136	162
Max. permissible load in a short time mN.m	90	90	450	450	450	750	750	750	750	900	900	900	900	900

● Motor Characteristic Figure

