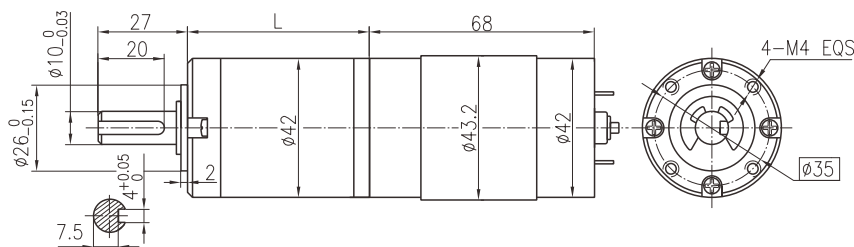


42JXE100K/42ZY68P(2) 42mm OD Planetary Gearbox, Permissible Load Range: 1N.m~10N.m

Ring gear can be selected within the two materials: Powder metal(Type:42JXF100K), Metal(Type:42JXE100K).

● Dimensions



● Motor Technical Data

Type	Rated voltage VDC	No-load speed r/min	No-load current mA	Rated speed r/min	Rated torque mN.m	Output power W	Rated current A	Stall torque mN.m	Stall current A
42ZY68P-1270	12	7000	1.2	5200	88	47.9	6.7	310	20.5
42ZY68P-2470	24	7000	0.6	5200	120	65.3	4.2	320	10.8

● Gear Motor Technical Data

42ZY68P-1270 DC Motor

Reduction ratio	3.7	5.2	14	19	27	51	71	100	115	139	181	218	253	305
Number of gear trains	1	1	2	2	2	3	3	3	3	3	4	4	4	4
Length(L) mm	31.5	31.5	42.1	42.1	42.1	52.5	52.5	52.5	52.5	52.5	62.9	62.9	62.9	62.9
No-load speed r/min	1887	1351	500	368	259	137	99	70	61	50	39	32	28	23
Rated speed r/min	1402	1004	371	274	193	102	73	52	45	37	29	24	21	17
Rated torque N.m	0.29	0.41	1.0	1.6	1.9	3.3	4.6	6.4	7.4	8.9	10	10	10	10
Max. permissible load in a short time N.m	3	3	12	12	12	25	25	25	25	25	30	30	30	30

42ZY68P-2470 DC Motor

Reduction ratio	3.7	5.2	14	19	27	51	71	100	115	139	181	218	253	305
Number of gear trains	1	1	2	2	2	3	3	3	3	3	4	4	4	4
Length(L) mm	31.5	31.5	42.1	42.1	42.1	52.5	52.5	52.5	52.5	52.5	62.9	62.9	62.9	62.9
No-load speed r/min	1887	1351	500	368	259	137	99	70	61	50	39	32	28	23
Rated speed r/min	1402	1004	371	274	193	102	73	52	45	37	29	24	21	17
Rated torque N.m	0.40	0.56	1.4	1.9	2.6	4.5	6.2	8.8	10	10	10	10	10	10
Max. permissible load in a short time N.m	3	3	12	12	12	25	25	25	25	25	30	30	30	30

● Motor Characteristic Figure

