

PM DC Planetary Gear Motor (Ring Gear Material: Metal and Powder Metal)

42JXE100K/42ZY75

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

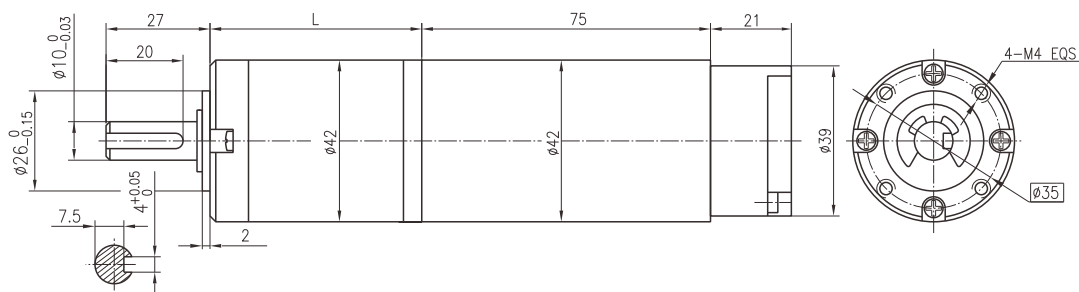
Type	Rated voltage VDC	No-load speed r/min	No-load current mA	Rated speed r/min	Rated torque mN.m	Output power W	Rated current A	Stall torque mN.m	Stall current A
42ZY75-2440	24	4000	0.20	3500	55	20	1.2	360	6.3

● Motor Technical Data

42ZY75-2440 DC Motor

Reduction ratio	3.71	5.18	14	19	27	51	71	100	139	181	218	253	305	354
Number of gear trains	1	1	2	2	2	3	3	3	3	4	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	62.9	62.9	62.9	62.9	62.9
No-load speed r/min	1078	772	286	211	148	78	56	40	29	22	18	16	13	11
Rated speed r/min	943	676	250	184	130	69	49	35	25	19	16	14	11	9.9
Rated torque N.m	0.18	0.26	0.62	0.85	1.2	2.0	2.9	4.0	5.6	6.5	7.8	9.0	10	10
Max. permissible load in a short time N.m	3	3	12	12	12	25	25	25	25	30	30	30	30	30

● Gear Motor Technical Data



● Magnetic Encoder

Model: CBM40-8 2 channels, CW/CCW, 8PPR Flat cable length 350mm

Red: hall +5V, Black: hall GND, Green: hall U1, Blue: hall U2

