32JXE30K/31ZY51G

32mm OD Planetary Gearbox,
Permissible Load Range: 0.3N.m~3.0N.m

Dimensions

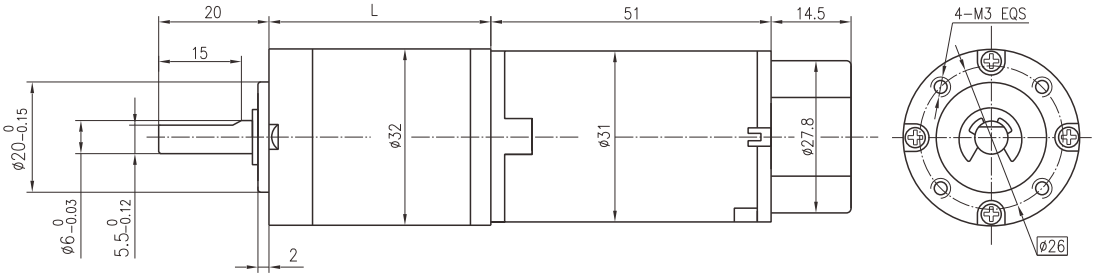
Type	Rated voltage VDC	No-load speed r/min	No-load current mA	Rated speed r/min	Rated torque mN.m	Output power W	Rated current A	Stall torque mN.m	Stall current A
31ZY51G-2450	24	5000	75	3830	25	9.8	570	106.8	2.3

Motor Technical Data

31ZY51G-2450 DC Motor

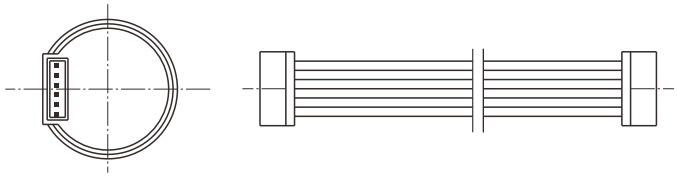
Reduction ratio	3.7	5.2	14	19	27	51	71	100	139	181	219	254
Number of gear trains	1	1	2	2	2	3	3	3	3	4	4	4
Length(L) mm	25.7	25.7	32.8	32.8	32.8	39.7	39.7	39.7	39.7	46.6	46.6	46.6
No-load speed r/min	1351	962	357	263	185	98	70	50	36	28	23	20
Rated speed r/min	1035	737	274	202	142	75	54	38	28	21	17	15
Rated torque N.m	0.083	0.12	0.28	0.39	0.55	0.93	1.3	1.8	2.5	3	3	3
Max. permissible load in a short time N.m	1.0	1.0	3.5	3.5	3.5	7.5	7.5	7.5	7.5	9	9	9

Gear Motor Technical Data



Magnetic Encoder

Model: CBM28 output characteristics: 2 channel, two-way control, DC motor rotation a week out of 3PPR、7PPR
Encoder connection: flat cable, length 250mm.



1. MOTOR-
2. MOTOR+
3. HALL SENSOR Vcc
4. HALL SENSOR GND
5. HALL SENSOR A Vout
6. HALL SENSOR B Vout