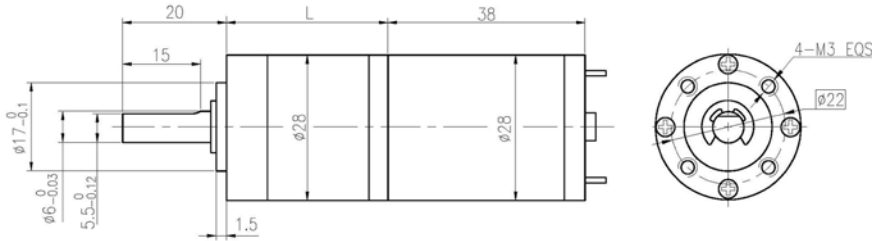


PM DC Planetary Gear Motor (Ring Gear Material: Metal and Powder Metal)

**PGM-28-10K/28M38**      28mm OD Planetary Gearbox,  
Permissible Load Range: 0.1N.m~1.0N.m

● Dimensions



● Motor Technical Data

电机型号 TYPE	额定电压 Rated voltage VDC	空载转速 No-load speed r/min	空载电流 No-load current mA	额定转速 Rated speed r/min	额定转矩 Rated torque mN.m	输出功率 Output power W	额定电流 Rated current mA	堵转力矩 Stall torque mN.m	堵转电流 Stall current A
28M38-1240	12	4000	80	2600	7.0	1.86	350	20	0.75
28M38-1250	12	5000	100	3450	7.0	2.48	370	21.5	0.90
28M38-2450	24	5000	60	4000	6.9	2.87	200	22	0.60

● Gear Motor Technical Data

配置 28M38-1240 直流电机 (28M38-1240 DC Motor)

减速比 Reduction ratio	3.7	5.2	14	19	27	51	71	100	139	189	264	369
减速级数 Number of gear trains	1	1	2	2	2	3	3	3	3	4	4	4
减速器长度(L) Length(L) mm	22.6	22.6	29.2	29.2	29.2	35.6	35.6	35.6	35.6	42.0	42.0	42.0
空载转速 No-load speed r/min	1078	772	286	211	148	78	56	40	29	21	15	11
额定转速 Rated speed r/min	701	502	186	137	96	51	37	26	19	14	10	7
额定转矩 Rated torque N.m	0.023	0.033	0.079	0.11	0.15	0.26	0.36	0.51	0.71	0.86	1	1
最大瞬间允许负载 Max. permissible load in a short time N.m	0.3	0.3	1.2	1.2	1.2	2.4	2.4	2.4	2.4	3	3	3

配置 28M38-1250 直流电机 (28M38-1250 DC Motor)

减速比 Reduction ratio	3.7	5.2	14	19	27	51	71	100	139	189	264	369
减速级数 Number of gear trains	1	1	2	2	2	3	3	3	3	4	4	4
减速器长度(L) Length(L) mm	22.6	22.6	29.2	29.2	29.2	35.6	35.6	35.6	35.6	42.0	42.0	42.0
空载转速 No-load speed r/min	1348	965	357	263	185	98	70	50	36	26	19	14
额定转速 Rated speed r/min	930	666	246	182	128	68	49	35	25	18	13	9.3
额定转矩 Rated torque N.m	0.023	0.033	0.079	0.11	0.15	0.26	0.36	0.51	0.71	0.86	1	1
最大瞬间允许负载 Max. permissible load in a short time N.m	0.3	0.3	1.2	1.2	1.2	2.4	2.4	2.4	2.4	3	3	3

配置 28M38-2450 直流电机 (28M38-2450 DC Motor)

减速比 Reduction ratio	3.7	5.2	14	19	27	51	71	100	139	189	264	369
减速级数 Number of gear trains	1	1	2	2	2	3	3	3	3	4	4	4
减速器长度(L) Length(L) mm	22.6	22.6	29.2	29.2	29.2	35.6	35.6	35.6	35.6	42.0	42.0	42.0
空载转速 No-load speed r/min	1348	965	357	263	185	98	70	50	36	26	19	14
额定转速 Rated speed r/min	1078	772	286	211	148	78	56	40	29	21	15	11
额定转矩 Rated torque N.m	0.023	0.032	0.078	0.11	0.15	0.26	0.36	0.50	0.70	0.85	1	1
最大瞬间允许负载 Max. permissible load in a short time N.m	0.3	0.3	1.2	1.2	1.2	2.4	2.4	2.4	2.4	3	3	3