

永磁直流行星齿轮电机 (内齿圈材质: 金属)

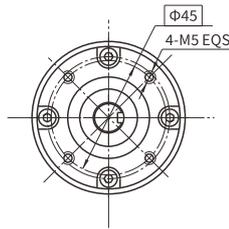
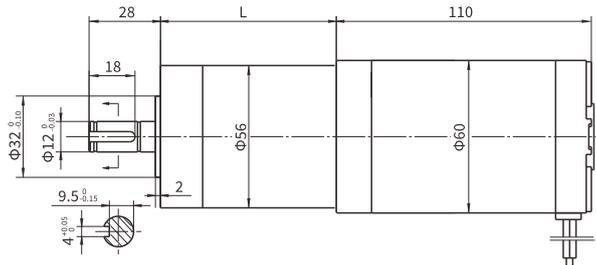
PM DC Planetary Gear Motor (Ring Gear Material: Metal)

56JX300K/60ZY105

Φ56行星减速器, 允许转矩范围: 3.0N.m~30N.m
56mm OD Planetary Gearbox,
Permissible Load Range: 3.0N.m~30N.m

外形和安装尺寸

Dimensions



电动机主要技术参数

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 A	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 A	堵转力矩 Stall Torque mN.m	堵转电流 Stall current A
60ZY105-2420	24	2000	0.25	1600	165	30	1.8	760	7.3
60ZY105-2430	24	3000	0.35	2400	180	45	3.2	790	11.2
60ZY105-2450	24	5000	0.50	4000	230	90	6.0	920	15.5

齿轮减速电机主要技术参数

Gear Motor Technical Data

配置60ZY105-2430直流电机(60ZY105-2430 DC Motor)

减速比 Reduction ratio	3.6	4.25	7.5	13	15	18	27	32	47	55	65	76	115	168	198	234
减速级数 Number of gear trains	1	1	1	2	2	2	2	2	3	3	3	3	3	4	4	4
减速器长度(L) Length mm	41	41	41	53	53	53	53	53	64	64	64	64	64	84	84	84
空载速度 No-load speed r/min	833	706	400	230	200	167	111	94	64	54	46	39	26	18	15	13
额定转速 Rated speed r/min	667	565	320	185	160	133	89	75	51	44	37	32	20	14	12	10
额定转矩 Rated torque N.m	0.58	0.68	1.2	1.8	2.1	2.6	3.9	4.6	6.1	7.2	8.5	10	15	20	23.5	28
最大瞬间允许负载 Max. permissible load in a short time N.m	6	6	6	25	25	25	25	25	50	50	50	50	50	90	90	90

配置60ZY105-2450直流电机(60ZY105-2450 DC Motor)

减速比 Reduction ratio	3.6	4.25	7.5	13	15	18	27	32	47	55	65	76	115	168	198
减速级数 Number of gear trains	1	1	1	2	2	2	2	2	3	3	3	3	3	4	4
减速器长度(L) Length mm	41	41	41	53	53	53	53	53	64	64	64	64	64	84	84
空载速度 No-load speed r/min	1389	1176	666	385	333	278	185	156	106	91	77	66	43	30	25
额定转速 Rated speed r/min	1111	941	533	307	266	222	148	125	85	72	61	52	35	24	20
额定转矩 Rated torque N.m	0.74	0.87	1.5	2.4	2.7	3.3	5.0	5.9	7.8	9.2	10.9	12.7	19.3	25.5	30
最大瞬间允许负载 Max. permissible load in a short time N.m	6	6	25	25	25	25	25	25	50	50	50	50	50	60	60

电动机特性图

Motor Characteristic Figure

