

SEI

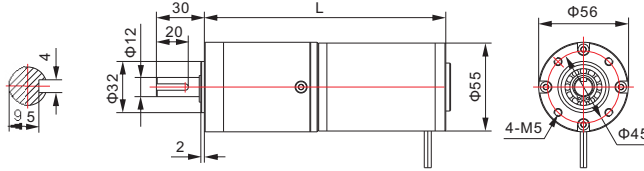
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2010-2011

56PA/55ZYT80

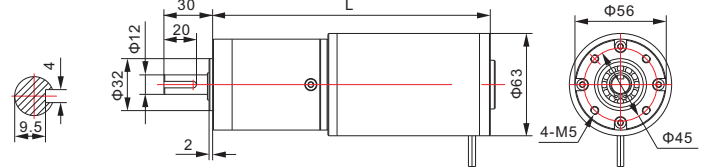
PMDc PLANET GEAR MOTOR

Mechanical Dimensions



56PA/55ZYT80-24XX

56PA/63ZYT100-24XX



56PAXXXG/55ZYT80-2436

Rated Voltage	V	24													
Reduction ratio	1:X	3.6	4.3	13	15	18	47	55	65	77	167	198	234	276	326
Stage	#	1	1	2	2	2	3	3	3	3	4	4	4	4	4
No-load speed	rpm	1000	847	277	240	200	77	65	55	48	22	18	15	13	11
Rated speed	rpm	833	706	277	200	167	64	55	46	39	18	15	13	11	9.2
Rated Torque	N.m	0.26	0.31	0.84	0.97	1.2	2.7	3.2	3.8	4.5	8.7	10	12	14	17
Gear motor length	mm	110.5	110.5	122.5	122.5	122.5	134.5	134.5	134.5	134.5	146.5	146.5	146.5	146.5	146.5
Max load	N.m	10	10	20	20	20	40	40	40	40	60	60	60	60	60

56PAXXXG/63ZYT100-2425

Rated Voltage	V	24													
Reduction ratio	1:X	3.6	4.3	13	15	18	47	55	65	77	167	198	234	276	326
Stage	#	1	1	2	2	2	3	3	3	3	4	4	4	4	4
No-load speed	rpm	694	588	192	167	139	53	45	38	32	15	13	11	9.1	7.7
Rated speed	rpm	556	471	154	133	111	43	36	31	26	12	10	8.5	7.2	6.1
Rated Torque	N.m	0.31	0.36	1.0	1.2	1.4	3.3	3.8	4.5	5.3	10	12	14	17	20
Gear motor length	mm	130.5	130.5	142.5	142.5	142.5	154.5	154.5	154.5	154.5	166.5	166.5	166.5	166.5	166.5
Max load	N.m	10	10	20	20	20	40	40	40	40	60	60	60	60	60

56PAXXXG/63ZYT100-2430

Rated Voltage	V	24													
Reduction ratio	1:X	3.6	4.3	13	15	18	47	55	65	77	167	198	234	276	326
Stage	#	1	1	2	2	2	3	3	3	3	4	4	4	4	4
No-load speed	rpm	833	706	231	200	167	64	55	46	39	18	15	13	11	9.2
Rated speed	rpm	694	588	192	167	139	53	45	38	32	15	13	11	9.1	7.7
Rated Torque	N.m	0.56	0.67	1.8	2.1	2.5	6.0	7.0	8.2	9.8	19	22	26	30	30
Gear motor length	mm	130.5	130.5	142.5	142.5	142.5	154.5	154.5	154.5	154.5	166.5	166.5	166.5	166.5	166.5
Max load	N.m	10	10	20	20	20	40	40	40	40	60	60	60	60	60

Motor specifications

Model	Rated Voltage	No-load Speed	No-load Current	Rated Speed	Rated Current	Rated Torque	Rated Power
	V	rpm	A	rpm	A	mN.m	W
55ZYT80-2436	24	3600	0.36	3000	1.5	80	25
63ZYT100-2425	24	2500	0.35	2000	1.4	95	20
63ZYT100-2430	24	3000	0.45	2500	2.7	174	47

56

Frame size
56=Φ56mm

PA

Planetary

018G

Gear Ratio
018=18:1

/ 55

Motor size
55=Φ55mm

ZYT

Motor Type

80

Body Length
80=80mm

— 2430

Voltage and Speed
24=24V; 30=3000rpm