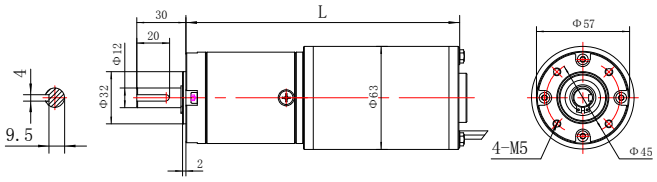
56PA/63ZYT93 PM DC PLANETARY GEAR MOTOR

Mechanical Dimensions



56PAXXXG/63ZYT93-2420

Rated Voltage	V	24													
Reduction ratio	1:X	3.6	4.25	13	15	18	47	55	65	77	168	198	234	276	326
Stage	#	1	1	2	2	2	3	3	3	3	4	4	4	4	4
No-load speed	rpm	556	471	154	131	111	43	36	31	26	12	10	8.5	7.2	6.1
Rated speed	rpm	417	353	116	98	83	32	27	23	19	8.9	7.6	6.4	5.4	4.6
Rated Torque	kg.cm	3.2	3.8	10	12	14	33	39	46	54	101	119	140	165	196
Gear motor length (L)	mm	141	141	153	153	153	165	165	165	165	177	177	177	177	177
Moment Possible Max Torque	kg.cm	9.6	11.4	30	36	42	99	117	138	162	303	357	420	498	588

56PAXXXG/63ZYT93-2425

Rated Voltage	V	24													
Reduction ratio	1:X	3.6	4.25	13	15	18	47	55	65	77	168	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	193	163	139	53	45	38	32	15	13	11	9.1	7.7
Rated speed	rpm	556	471	154	131	111	43	36	31	26	12	10	8.5	7.2	6.1
Rated Torque	kg.cm	3.2	3.8	10	12	14	33	39	46	54	101	119	140	165	196
Gear motor length (L)	mm	141	141	153	153	153	165	165	165	165	177	177	177	177	177
Moment Possible Max Torque	kg.cm	9.6	11.4	30	36	42	99	117	138	162	303	357	420	498	588

56PAXXXG/63ZYT93-2430

Rated Voltage	V	24													
Reduction ratio	1:X	3.6	4.25	13	15	18	47	55	65	77	168	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	196	167	64	55	46	39	18	15	13	11	9.2
Rated speed	rpm	694	588	193	163	139	53	45	38	32	15	13	11	9.1	7.7
Rated Torque	kg.cm	5.8	6.9	19	22	26	59	69	82	97	181	214	253	298	300
Gear motor length (L)	mm	141	141	153	153	153	165	165	165	165	177	177	177	177	177
Moment Possible Max Torque	kg.cm	17.4	20.7	57	66	78	177	207	246	291	243	600	600	600	600

Motor Specifications

Model	Rated Voltage	No-load Speed	No-load Current	Rated Speed	Rated Current	Rated Torque	Rated Power
	V	rpm	mA	rpm	mA	g.cm	W
63ZYT93-2420	24	2000	350	1500	1400	1000	10.3
63ZYT93-2425	24	2500	350	2000	1400	1000	20.5
63ZYT93-2430	24	3000	450	2500	2700	1800	46.2

56	**PA**	**15**	**G**	/	**63**	**ZYT**	**93**	-	**2425**
Size	Type	Ratio	Bearing		Size	Type	Length		Voltage and Speed
56mm	Planetary	15:1	Ball		63mm	Ferrite	93mm		24=24V;25=2500rpm