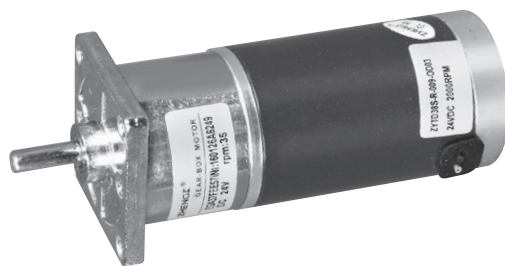
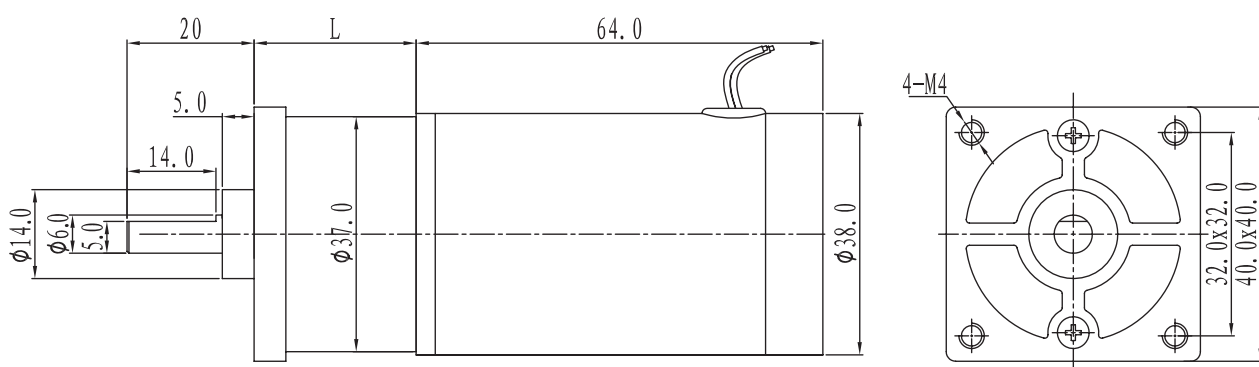


ZGA37FEE(A6249)

Housing Material	Steel
Bearing	Sleeve Bearing
Radial Force	≤ 1 kgf
Axial Force	≤ 0.7 kgf
Max.Axial Pressing Force	≤ 5 kgf
Radial Play	≤ 0.1 mm
Axial Play	≤ 0.5 mm



Dimension(mm)



Specifications

DC MOTOR	Reduction Ratio	1/9	1/13.5	1/24	1/31.6	1/37	1/45	1/57	1/73.6	1/86	1/95	1/133	1/160	1/172	1/201	1/244	1/401	1/501	1/627
ZYTD-38S-R (12V-3000R)	Noload(r/min)	325	215	121	92	79	65	51	40	34	31	22	18	17	15	12	7	6	5
	Onload(r/min)	275	185	103	78	67	55	43	34	30	28	20	17	16	13	11	7	6	5
	Onload Torque(kgf.cm)	1	1.5	2.4	3.1	3.7	4	5.1	6	6	6	8	8	8	8	8	10	10	10
ZYTD-38S-R (24V-5000R)	Noload(r/min)	55	370	210	160	135	111	88	68	58	53	38	31	29	25	21	13	10	8
	Onload(r/min)	455	3.5	172	140	121	95	78	62	54	49	35	30	28	24	20	12	10	8
	Onload Torque(kgf.cm)	1.9	2.5	4.2	4	4	6	6	6	6	6	8	8	8	8	8	10	10	10
Default Direction		CCW	CW	CCW			CW					CCW				CW			

Gearbox Specifications

Reduction Ratio	L	Stages	Allowable Torque	
	mm		mN.m	kgf.cm
1/9	22.5	2	147	1.5
1/13.5	22.5	3	245	2.5
1/24~1/37	24.5	4	392	4
1/45~1/95	26.5	5	588	6
1/133~1/244	29.5	6	784	8
1/401~1/627	30.5	7	980	10