



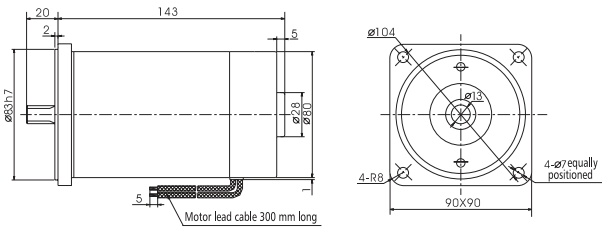
DC Motor 60W

Motor Performance Parameters

Model	Voltage	Power	No-load Parameters		Load Parameters			Brush Life	Motor Weight	
			Speed	Current	Speed	Torque	Current			
			r/min	A	r/min	mN.m	A			
		v	w	r/min	A	r/min	mN.m	A	H	kg
Z5D60-12 □	12	60	3000	2.0	2600	220	9.0	2000	2.2	
Z5D60-24 □	24	60	3100	1.0	2800	205	3.5	2000	2.2	
Z5D60-90 □	90	60	3100	0.3	2900	198	1.0	2000	2.2	

* Note: It's only typical technical data, special requirement can be customized.

Motor Dimension

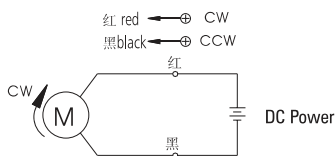


Gearbox Torque and Speed

Model of Gearbox: 2GN□K

Model	Reduction Ratio		Gearbox Ratios																				
			3	3.6	5	6	7.5	9	12.5	15	18	25	30	36	50	60	75	90	100	120	150	180	200
Z5D60-24 □	Output Shaft Speed	r/min	933	777	560	466	373	311	224	186	155	112	93	77	56	46	37	31	28	23	18	15	14
	Allowable Torque	N.m	0.49	0.59	0.82	0.99	1.24	1.49	1.86	2.24	2.68	3.37	4.05	4.86	6.75	8.10	10.1	10.8	12.0	14.4	18.1	20.0	20.0
		kgf.cm	5.07	6.08	8.45	10.1	12.6	15.2	19.0	22.8	27.4	34.3	41.3	49.6	68.9	82.6	103	110	123	147	184	200	200

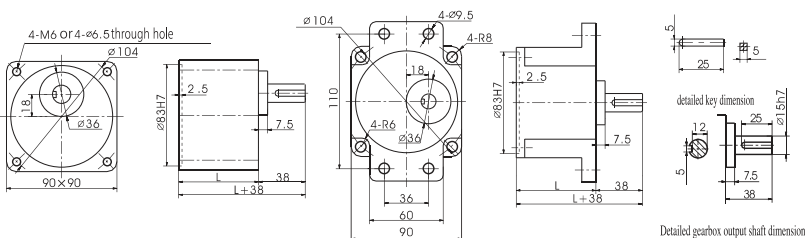
Wiring Diagram



Bare Motor Output Shaft Dimension

Model	Gear Shaft Z5D60-□GU	Flat type Z5D60-□A	Bare Shaft Z5D60-□A1
Output Shaft Type and Dimension			

Gearbox Dimension



Gearbox	Reduction Ratio	L(mm)	Q(kg)
5GU3K-GU9K		65	1.21
5GU10K-GU18K			1.30
5GU20K-GU75K			1.40
5GU90K-GU200K			1.45

Characteristic Curve

