



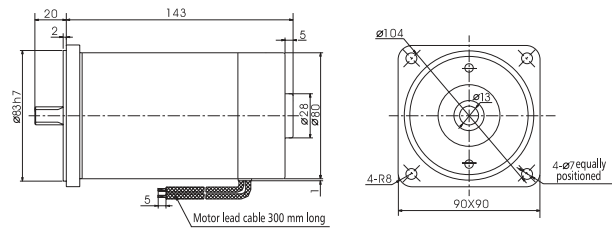
DC Motor 120W

Motor Performance Parameters

Model	Voltage	Power	No-load Parameters		Load Parameters			Brush Life	Motor Weight
			Speed	Current	Speed	Torque	Current		
	v	w	r/min	A	r/min	mN.m	A	H	kg
ZD120-12□	12	120	3100	2.0	2500	458	15.0	2000	2.2
ZD120-24□	24	120	3200	1.2	2600	441	7.0	2000	2.2
ZD120-90□	90	120	3000	0.3	2600	441	2.0	2000	2.2

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

Motor Dimension

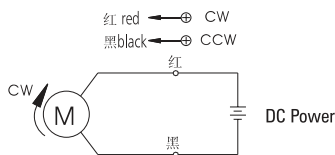


Gearbox Torque and Speed

Model of Gearbox: 2GN□K

Model	Reduction Ratio		3	3.6	5	6	7.5	9	12.5	15	18	25	30	36	50	60	75	90	100	120	150	180	200
			Z5D120-24GU	Output Shaft Speed	r/min	933	777	520	433	348	288	208	173	144	104	82	72	82	43	34	28	26	21
	Allowable Torque	N.m	1.07	1.28	1.78	2.14	2.67	3.21	4.02	4.89	5.79	7.27	8.72	10.4	14.5	17.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0
		kgf.cm	10.9	13.1	18.2	21.8	27.3	32.7	41.1	49.2	59.1	74.2	89.1	106	148	178	200	200	200	200	200	200	200

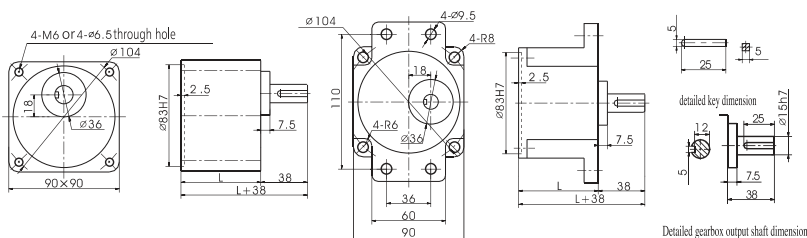
Wiring Diagram



Bare Motor Output Shaft Dimension

Model	Gear Shaft Z5D120-□GU	Flat type Z5D120-□A	Bare Shaft Z5D120-□A1
Output Shaft Type and Dimension			

Gearbox Dimension



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

Characteristic Curve

