

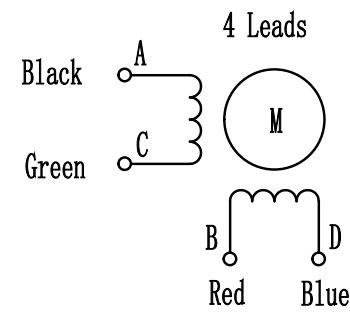
Gear Box Specifications:

Gear Ratio	1:77
Number of gear trains	3
Max. rated torque (kg. cm)	240
Max. permissible load in a short time (kg. cm)	720

Stepper Motor Specifications:

MODEL	Phase	Step Angle	Rated Voltage	Current /Phase	Resistance /Phase	Inductance /Phase	Holding Torque	Rotor Inertia
		Deg/Step	V	A	$\Omega$	mH	kg. cm	$\text{g. cm}^2$
57STH56-2804B	2	1.8	2.5	2.8	0.9	2.5	12.6	300

Wiring Diagram:



Rotation:

CW Direction	Step	A	C	B	D
↓	1	+		+	
	2		+	+	
	3		+		+
	4	+			+
	1	+		+	

CW Direction, see from the shaft end. (Only Motor)

					3334_0			DONGZHENG MOTOR	
								56JXS300K77/57STH56-2804B	
								PLANET GEAR STEPPER MOTOR	
REV.	QTY.	No.	SIG.	DATE	CLS. MAK	QTY	SCALE	P/N.	REV
DESIGN	Zhu Guanghua	2021. 12. 08	STD.		S		1:1		
CHECK	Xu Weigang	2021. 12. 08			PAGE OF			ODZ. 244. 001C	B
PROC.			APPR.						