

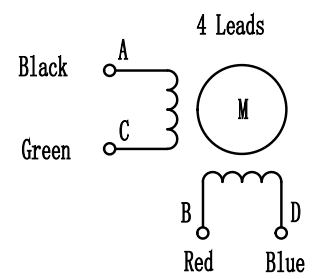
Gear Box Specifications:

Gear Ratio	1:27
Number of gear trains	2
Rated torque(kg. cm)	30
Max. permissible load in a short time(kg. cm)	80

Stepper Motor Specifications:

MODEL	Phase	Step Angle	Rated Voltage	Current /Phase	Resistance /Phase	Inductance /Phase	Holding Torque	Rotor Inertia
		Deg/Step	V	A	Ω	mH	Kg. cm	g. cm ²
42STH38-1684B	2	1.8	2.8	1.68	1.65	3.2	3.6	57

Wiring Diagram:



Rotation:

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

CW Direction, see from the flange side. (Only Motor)

					3327_0			DONGZHENG MOTOR	
								36JXS60X27/42STH38-1684B	
								PLANET GEAR STEPPER MOTOR	
REV.	QTY.	No.	SIG.	DATE	CLS. MAK		QTY	SCALE	1:1
DESIGN	Zhu Guanghua	2021.11.30	STD.						
CHECK					PAGE		OF		ODZ.242.001C
PROC.			APPR.						