

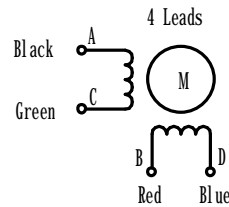
Gear Box Specifications:

Gear Ratio	1:4.25	1:15	1:77
Number of gear trains	1	2	3
Max. rated torque (kg. cm)	90	150	240
Max. permissible load in a short time (kg. cm)	270	450	720
Length L (mm)	48 (D)	61	72

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
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)

B	61	48	Production need	Zhu Guanghua	2013.11.13
REV	Original content	Changed content	Reason of change	Name	Date
DONGZHENG MOTOR					
56JXS300K/57STH56-2804B					
PLANET GEAR STEPPER MOTOR					
REV.	QTY.	No.	SIG.	DATE	
DESIGN	Zhu Guanghua	2013.11.13	STD.		
CHECK					
PROC.			APPR.		
			CLS. MAK	QTY	SCALE
			S		1:1
			PAGE	OF	
ODZ. 244. 001					REV B