

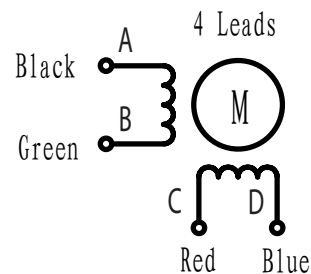
Gear Box Specifications:

Gear Ratio	1:5.18	1:27	1:100
Number of gear trains	1	2	3
Rated torque	18	30	48
Max. permissible load in a short time	45	80	100
Length (L)	31	38.5	48.2

Stepper Motor Specifications:

MODEL	Phase	Step Angle	Rated Voltage	Current /Phase	Resistance /Phase	Inductance /Phase	Holding Torque	Rotor Inertia
		Deg/Step	V	A	ohms	mH	g. cm	g. cm ²
42STH38-1684A	2	1.8	2.8	1.68	1.65	3.2	3600	57

Wiring Diagram:



Rotation:

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

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

					DONGZHENG MOTOR			
					36JX30K/42STH38-1684A			
					PLANET GEAR STEPPER MOTOR OUTSIDE DRAWING			
REV.	QTY.	No.	SIG.	DATE				
DESIGN	ZHUGUANGHUA	2012.06.14	STD.		CLS. MAK	QTY	SCALE	
CHECK					S		1.5:1	
PROC.			APPR.		PAGE	OF		
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