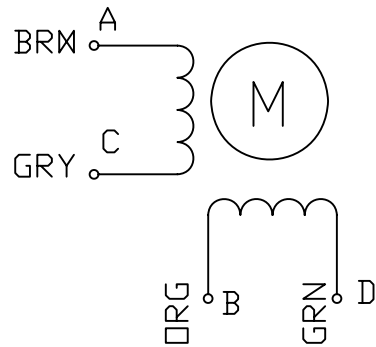


specifications:

MODEL	PHASE	STEP ANGLE	RATED VOLTAGE	CURRENT /PHASE	RESISTANCE /PHASE	INDUCTANCE /PHASE	HOLDING TORQUE	DETENT TORQUE	ROTOR INERTIA	WEIGHT
		DEG/STEP	V	A	ohms	mH	kg.cm	g.cm	g.cm ²	Kg
	2	1.8	9.0	0.6	15	16	2.2	120	20	0.2

Wiring Diagram:

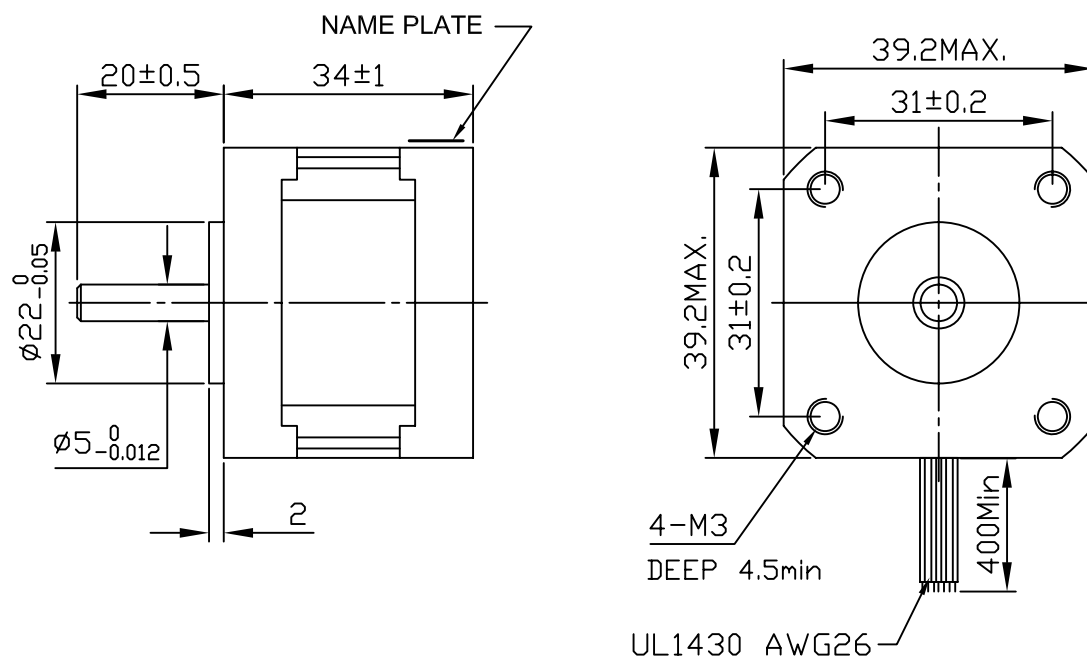


Rotation:

CW DIRECTION	STEP	A	C	B	D
↓	1	+		+	
	2		+	+	
	3		+		+
	4	+			+
	1	+		+	

CW see from the flange side

Dimension:



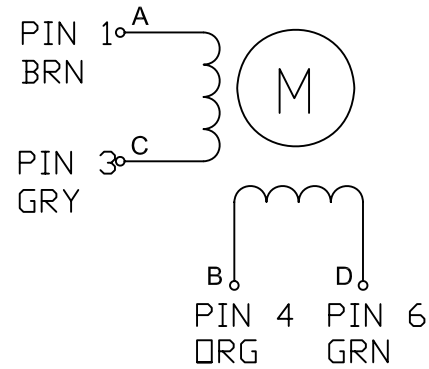
REV	ECN	MO	DESCRIPTION	DRN	APP'D	DATE	DESIGN	DATE	P/N.
									TITLE: SPECIFICATION
UNLESS OTHERWISE SPECIFIED			MATERIAL	CHECK		APP'D		USED ON: FL39ST34-0604A-20	
TOLERANCES:				APP'D		APP'D		DWG NO. REV	
DECIMALS: .x ±0.5			ANGULAR: ±0°30'	SCALE		SHEET		OF	
.xx ±0.25				FIRST ANGLE PROJECTION		FULLING MOTOR			
.xxx ±0.1				UNIT: mm					
DO NOT SCALE DRAWING									

HYBRID STEPPING MOTOR

specifications:

MODEL	PHASE	STEP ANGLE	RATED VOLTAGE	CURRENT /PHASE	RESISTANCE /PHASE	INDUCTANCE /PHASE	HOLDING TORQUE	DETENT TORQUE	ROTOR INERTIA	WEIGHT
		DEG/STEP	V	A	ohms	mH	kg.cm	g.cm	g.cm ²	Kg
	2	1.8	9.0	0.6	15	16	2.2	120	20	0.2

Wiring Diagram:

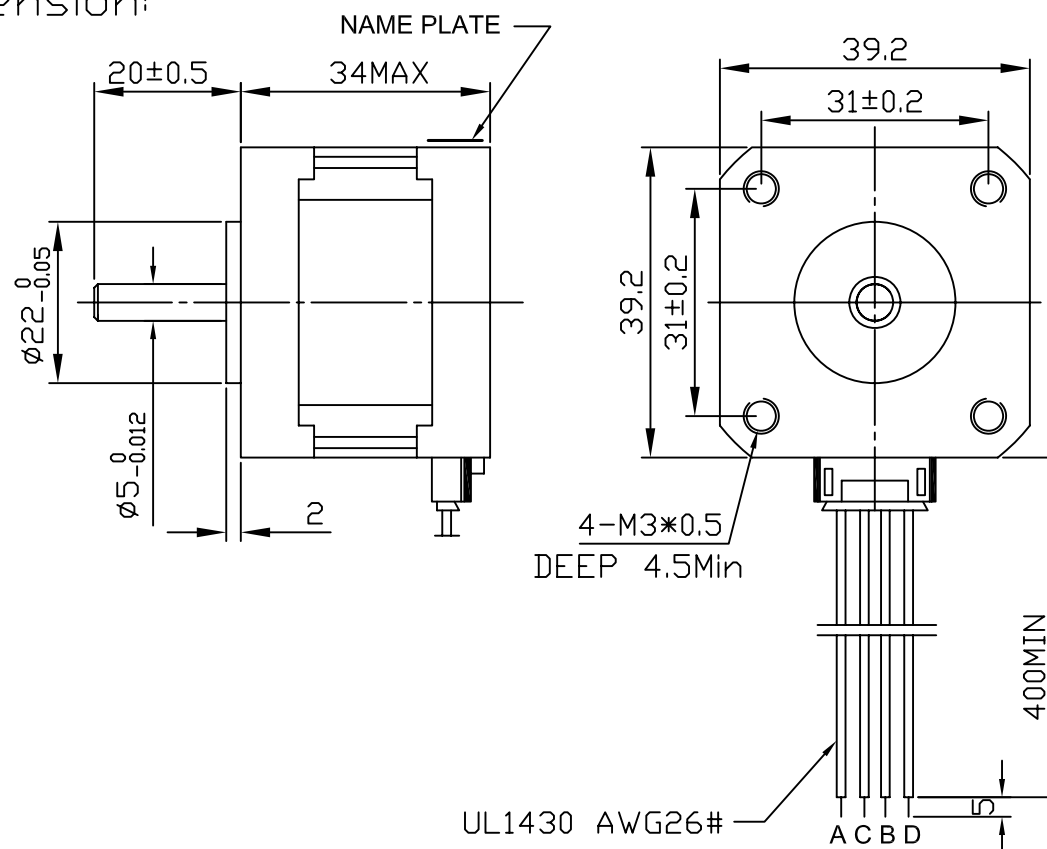


Rotation:

CW DIRECTION	STEP	A	C	B	D
↓	1	+		+	
	2		+	+	
	3		+		+
	4	+			+
	1	+		+	

CW direction, see from the flange side

Dimension:



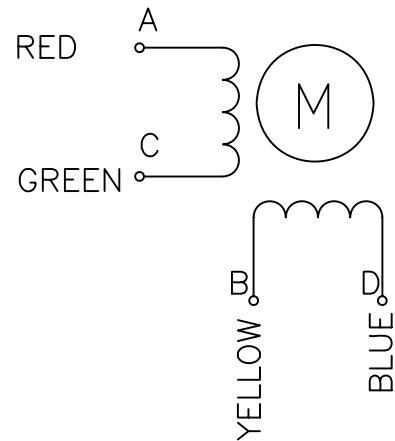
REV	ECN	MO	DESCRIPTION	DRN	APP'D	DATE	DESIGN	DATE	P/N.
UNLESS OTHERWISE SPECIFIED							TITLE		
TOLERANCES:							SPECIFICATIONS		
DECIMALS: .x ±0.5							USED ON		
ANGULAR: .xx ±0.25 ±0°30'							FL39ST34-0604AC-20		
.xxx ±0.1							DWG NO.		REV
UNIT: mm							FX3.162.		SS
DO NOT SCALE DRAWING							SCALE		FULLING MOTOR
FIRST ANGLE PROJECTION							SHEET		
							OF		

HYBRID STEPPING MOTOR

specifications:

PHASE	STEP ANGLE	RATED VOLTAGE	CURRENT /PHASE	RESISTANCE /PHASE	INDUCTANCE /PHASE	HOLDING TORQUE	DETENT TORQUE	ROTOR INERTIA	WEIGHT
	DEG/STEP	V	A	ohms	mH	g.cm	g.cm	g.cm ²	Kg
2	1.8	5.0	0.4	12.5	21	2200	150	57	0.24

Wiring Diagram:

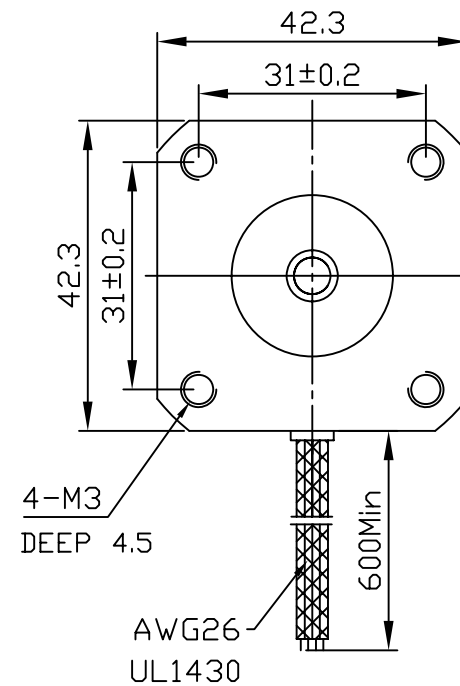
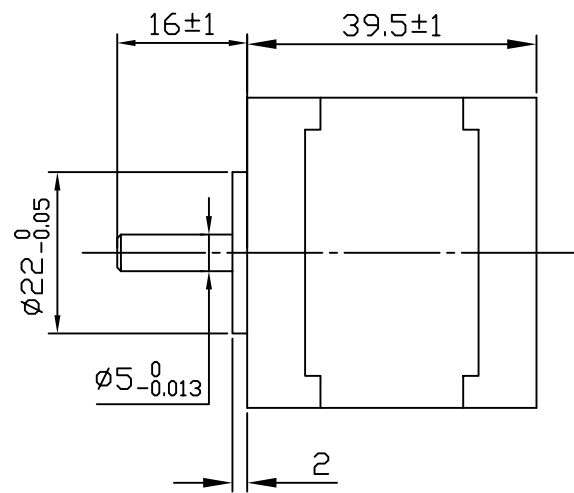


Rotation:

CW DIRECTION	STEP	A	C	B	D
↓	1	+		+	
	2		+	+	
	3		+		+
	4	+			+
	1	+		+	

CW direction,
see from the flange side

Dimension:



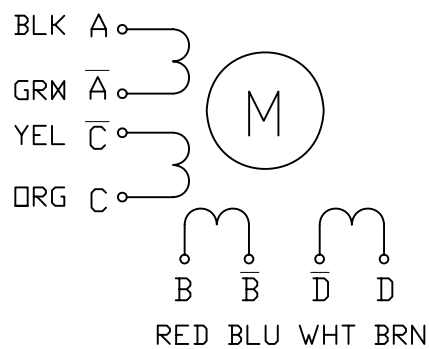
REV	ECN	MO	DESCRIPTION	DRN	APP'D	DATE	DESIGN	DATE	P/N.
UNLESS OTHERWISE SPECIFIED TOLERANCES:							CHECK		TITLE
DECIMALS:			ANGULAR:				APPD		SPECIFICATIONS
.x ±0.5			±0°30'					USED ON	
.xx ±0.25								FL42STH38-0404A-16	
.xxx ±0.1								DWG NO.	
UNIT: mm			FIRST ANGLE PROJECTION					REV	
DO NOT SCALE DRAWING							SCALE		
							SHEET	OF	
									FULLING MOTOR

HYBRID STEPPING MOTOR

specifications:

	PHASE	STEP ANGLE	RATED VOLTAGE	CURRENT /PHASE	RESISTANCE /PHASE	INDUCTANCE /PHASE	HOLDING TORQUE	ROTOR INERTIA	WEIGHT	DETENT TORQUE	INSULATION CLASS
		DEG/STEP	V	A	ohms	mH	N.cm	g.cm ²	Kg	g.cm	
unipolar			4.6	1.0	4.6	4.0	34				
series	4	1.8	6.44	0.7	9.2	16	44	68	0.28	200	B
parallel			3.22	1.4	2.3	4.0					

Wiring Diagram:



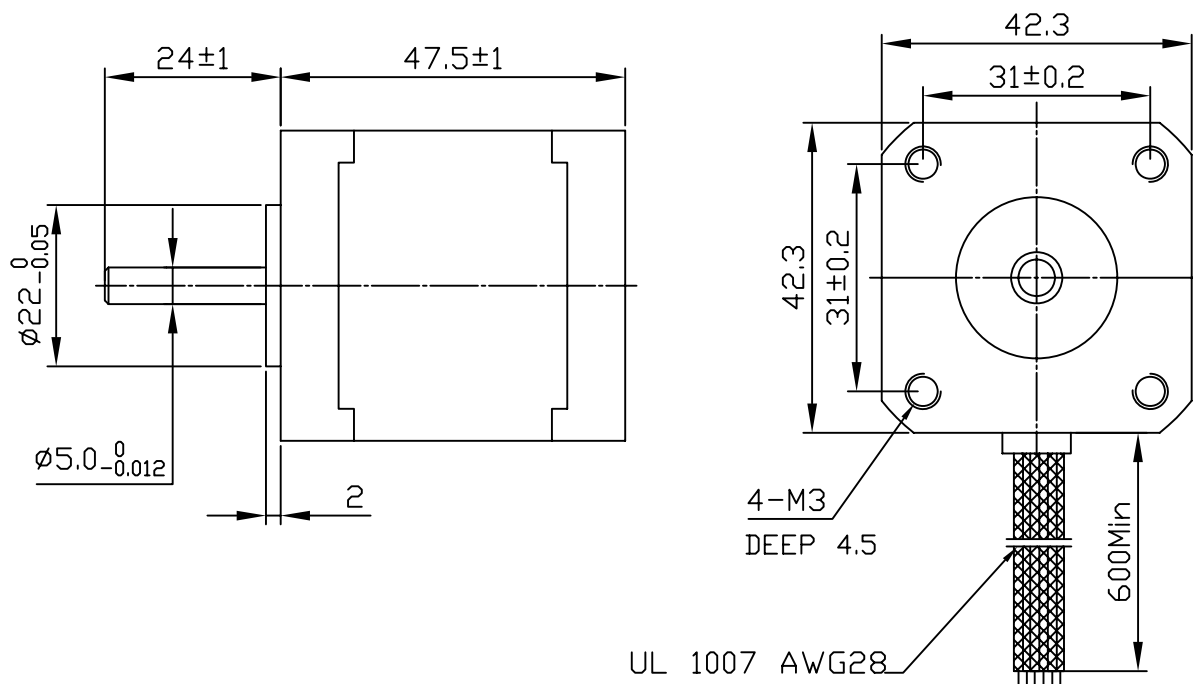
Rotations:

FULL STEP, PARALLEL BIPOLAR

CW DIRECTION	STEP	A	C	B	D
↓	1	+		+	
	2		+	+	
	3		+		+
	4	+			+
	1	+		+	

SEE FROM THE SHAFT END

Dimension:

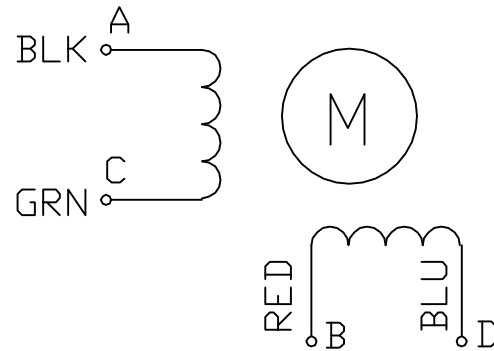


REV	ECN NO.	DESCRIPTION	DRN	APP'D	DATE	DESIGN	DATE	P/N.
UNLESS OTHERWISE SPECIFIED TOLERANCES						TITLE		
DECIMALS: .x ± 0.5						Specifications		
ANGULAR: .xx ± 0.25 ± 0° 30'						USED ON		
.xxx ± 0.1						FL42STH47-1008A		
UNIT: mm						DWG NO.		
DO NOT SCALE DRAWING						FX3.162. SS		
FIRST ANGLE PROJECTION						REV		
						SCALE		
						SHEET OF		
						FULLING MOTOR		

specifications:

MODEL	PHASE	STEP ANGLE	RATED VOLTAGE	CURRENT /PHASE	RESISTANCE /PHASE	INDUCTANCE /PHASE	HOLDING TORQUE	DETENT TORQUE	ROTOR INERTIA	WEIGHT
		DEG/STEP	V	A	ohms	mH	N.cm	N.cm	g.cm ²	Kg
	2	1.8	3.2	4	0.8	3.2	220	6.8	520	1.1

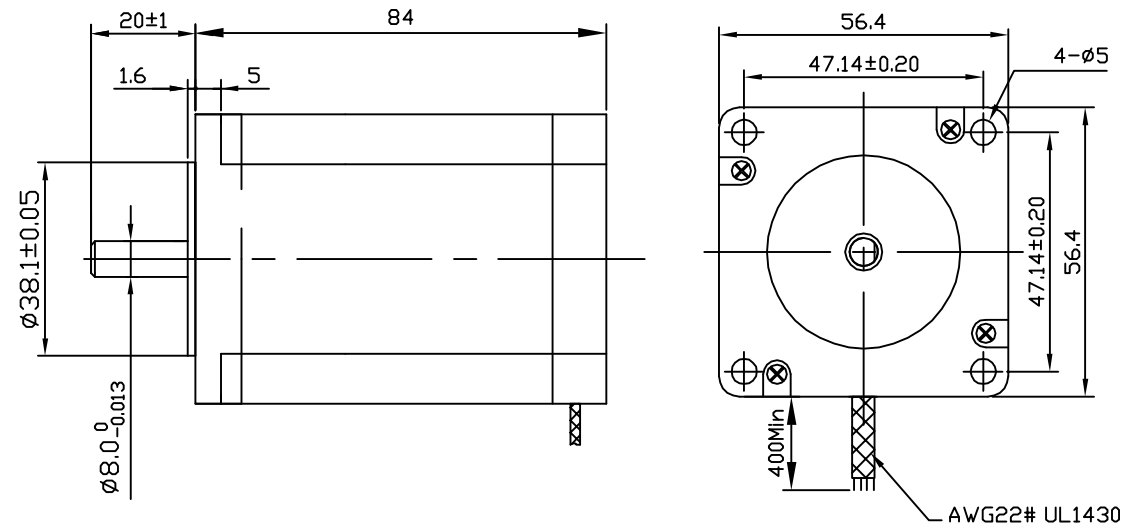
Wiring Diagram:



CW DIRECTION	STEP	A	C	B	D
↓	1	+		+	
	2		+	+	
	3		+		+
	4	+			+
	1	+		+	

CW see from the flange side

Dimension:

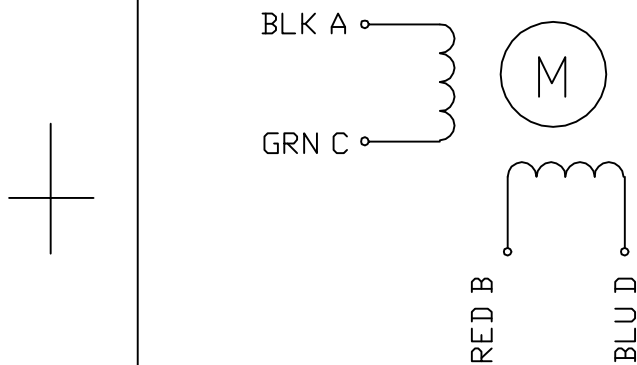


REV	ECN NO.	DESCRIPTION	DRN	APP'D	DATE	DESIGN	DATE	P/N.			
								TITLE: SPECIFICATION			
UNLESS OTHERWISE SPECIFIED TOLERANCES:			MATERIAL			CHECK					
DECIMALS: .x ±0.5			THIRD ANGLE PROJECTION			USED ON: FL57STH84-4004A					
ANGULAR: .xx ±0.25 ±0°30'						APPD			DWG NO. FX3.162.		REV JS
.xxx ±0.1						SCALE			FULLING MOTOR		
UNIT: mm						SHEET					
DO NOT SCALE DRAWING											

specifications:

MODEL	PHASE	STEP ANGLE	RATED VOLTAGE	CURRENT /PHASE	RESISTANCE /PHASE	INDUCTANCE /PHASE	HOLDING TORQUE	WEIGHT
		DEG/STEP	V	A	ohms	mH	N.cm	Kg
	2	1.8	4.2	4.2	1	5.2	300	1.5

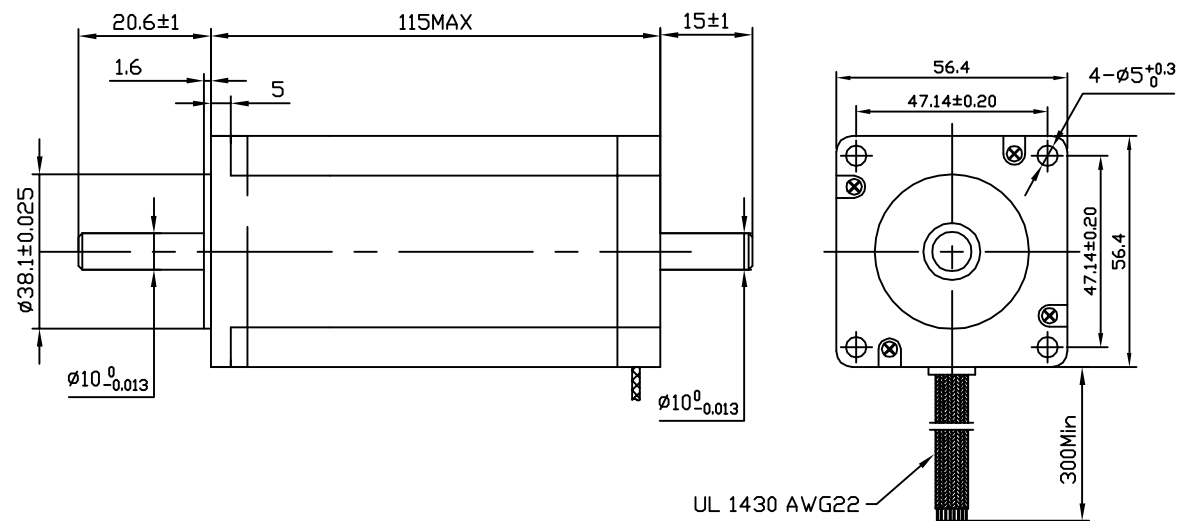
Wiring Diagram:



CW DIRECTION	STEP	A	C	B	D
↓	1	+		+	
	2		+	+	
	3		+		+
	4	+			+
	1	+		+	

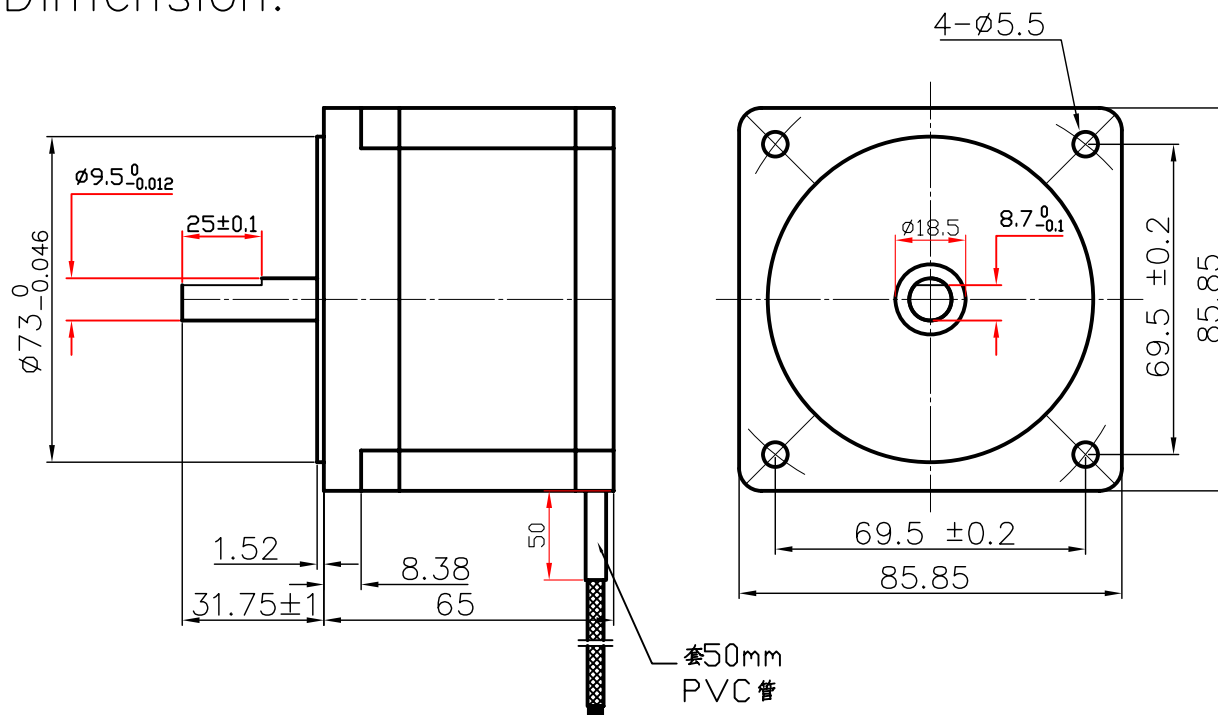
CW see from the flange side

Dimension:

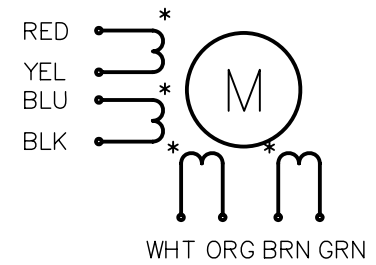


REV	ECN NO.	DESCRIPTION	DRN	APP'D	DATE	DESIGN	DATE	P/N.
UNLESS OTHERWISE SPECIFIED TOLERANCES:						TITLE: SPECIFICATION		
DECIMALS: .x ±0.5						USED ON: FL57STH115-4204B		
ANGULAR: .xx ±0.25 ±0°30'						DWG NO. FX3.162.		REV JS
.xxx ±0.1						SCALE		FULLING MOTOR
UNIT: mm						SHEET OF		
DO NOT SCALE DRAWING								

Dimension:



Wiring Diagram:



引出线从电机引出时套50mmPVC 管

红黄蓝黑白橙棕绿

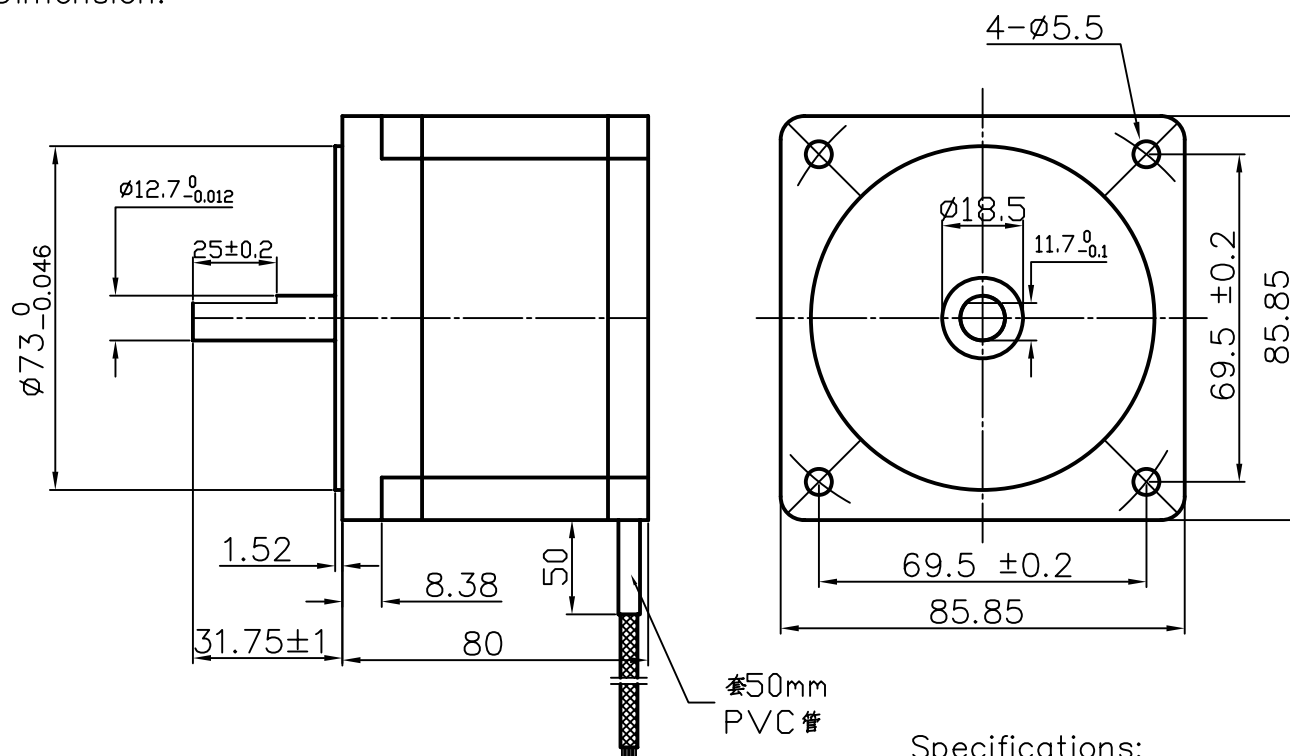
1430-AWG20# L=500mm

Specifications:

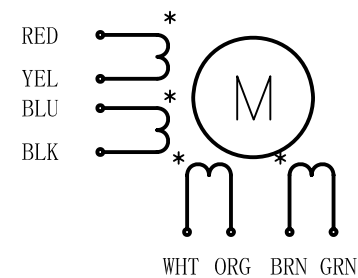
PHASE	STEP ANGLE	CONNECTION STYLE	CURRENT	RESISTANCE	INDUCTANCE	HOLDING TORQUE	ROTOR INERTIA	WEIGHT
	DEG/STEP		A	ohms	mH	N.m	gcm ²	Kg
4	1.8	parallel	4	0.7	3.9	3.5	1000	1.7
		series	2	2.8	15.6			
		unipolar	2.8	1.4	3.9	2.2		

REV	ECN	MO.	DESCRIPTION	DRN	APP'D	DATE	DESIGN	DATE	P/N.
UNLESS OTHERWISE SPECIFIED TOLERANCES:							TITLE SPECIFICATIONS		
DECIMALS: .x ±0.5							USED ON FL86STH65-2808A-16		
ANGULAR: .xx ±0.25 ±0°30'							DWG. NO. FX3.162.		
.xxx ±0.1							REV		
UNIT: mm							SCALE		
DO NOT SCALE DRAWING							SHEET OF		
THIRD ANGLE PROJECTION							FULLING MOTOR		

Dimension:



Wiring Diagram:



引出线从电机引出时套50mmPVC套管

红黄蓝黑白橙棕绿

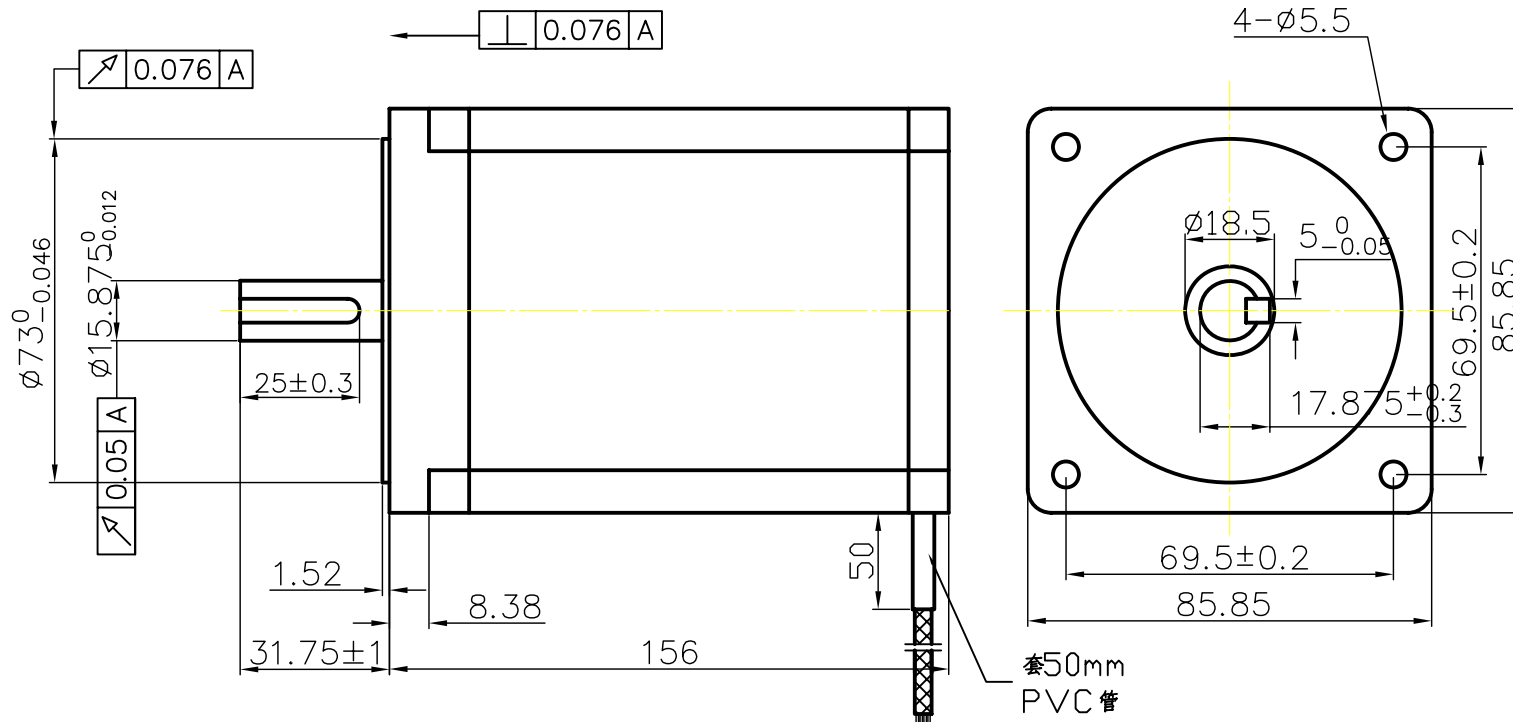
1430-AWG20# L=500mm

Specifications:

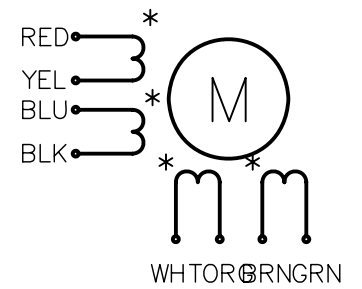
PHASE	STEP ANGLE	CONNECTION STYLE	CURRENT	RESISTANCE	INDUCTANCE	HOLDING TORQUE	ROTOR INERTIA	WEIGHT
	DEG/STEP		A	ohms	mH	N.m	gcm ²	Kg
4	1.8	parallel	6	0.325	3	4.5	1400	2.3
		series	3	1.3	12			
		unipolar	4.24	0.65	3	3.2		

REV	ECN	NO.	DESCRIPTION	DRN	APP'D	DATE	DESIGN	DATE	P/N.
UNLESS OTHERWISE SPECIFIED TOLERANCES:							CHECK		TITLE
DECIMALS: .x ±0.5							APPD		USED ON
ANGULAR: .xx ±0.25 ±0°30'							SCALE		FL86STH80-4208A-15
UNIT: mm							SHEET		DWG NO. FX3.162.
DO NOT SCALE DRAWING							OF		REV
THIRD ANGLE PROJECTION									FULLING MOTOR

Dimension:



Wiring Diagram:



1430-AWG20# length 500mm
套PVC套管, L=50mm

Specifications:

PHASE	STEP ANGLE	CONNECTION STYLE	CURRENT	RESISTANCE	INDUCTANCE	HOLDING TORQUE	ROTOR INERTIA	WEIGHT
	DEG/STEP		A	ohms	mH	N.m	gcm ²	Kg
4	1.8	parallel	6	0.63	8	12	4000	5.3
		series	3	2.5	32			
		unipolar	4.2	1.25	8	8.4		

REV	ECN NO.	DESCRIPTION	DRN	APP'D	DATE	DESIGN	DATE	P/N.
UNLESS OTHERWISE SPECIFIED		MATERIAL	CHECK		TITLE		SPECIFICATIONS	
TOLERANCES:			APPD		USED ON		FL86STH156-4208A-05	
DECIMALS:			THIRD ANGLE PROJECTION		DWG NO.		REV	
.x ±0.5			SCALE		FX3.162.			
.xx ±0.25			SHEET		OF		FULLING MOTOR	
.xxx ±0.1								
UNIT: mm								
DO NOT SCALE DRAWING								