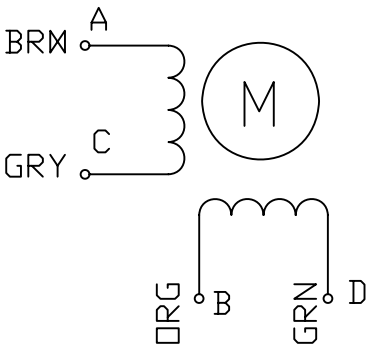


specifications:

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:

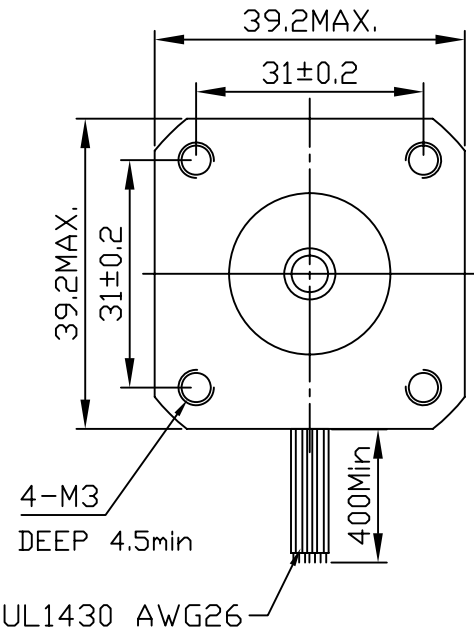
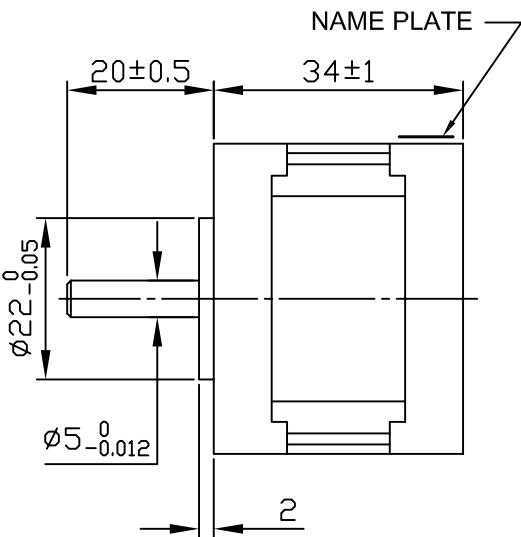


Rotation:

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

CW see from the flange side

Dimension:



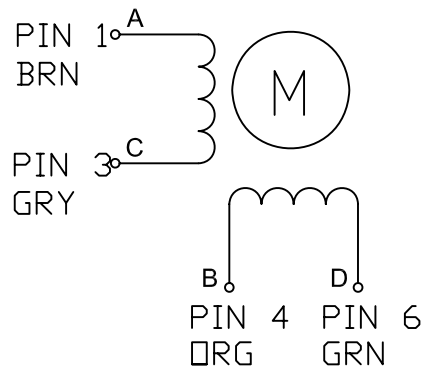
REV	ECN	MO	DESCRIPTION	DRN	APP'D	DATE	DESIGN	DATE	P/N.
UNLESS OTHERWISE SPECIFIED TOLERANCES:				MATERIAL			CHECK		TITLE: SPECIFICATION
DECIMALS: .x ±0.5				ANGULAR: ±0°30'			APP'D		USED ON: FL39ST34-0604A-20
.xx ±0.25									DWG MO. JS
.xxx ±0.1									REV
UNIT: mm				FIRST ANGLE PROJECTION			SCALE		FULLING MOTOR
DO NOT SCALE DRAWING							SHEET	OF	

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:

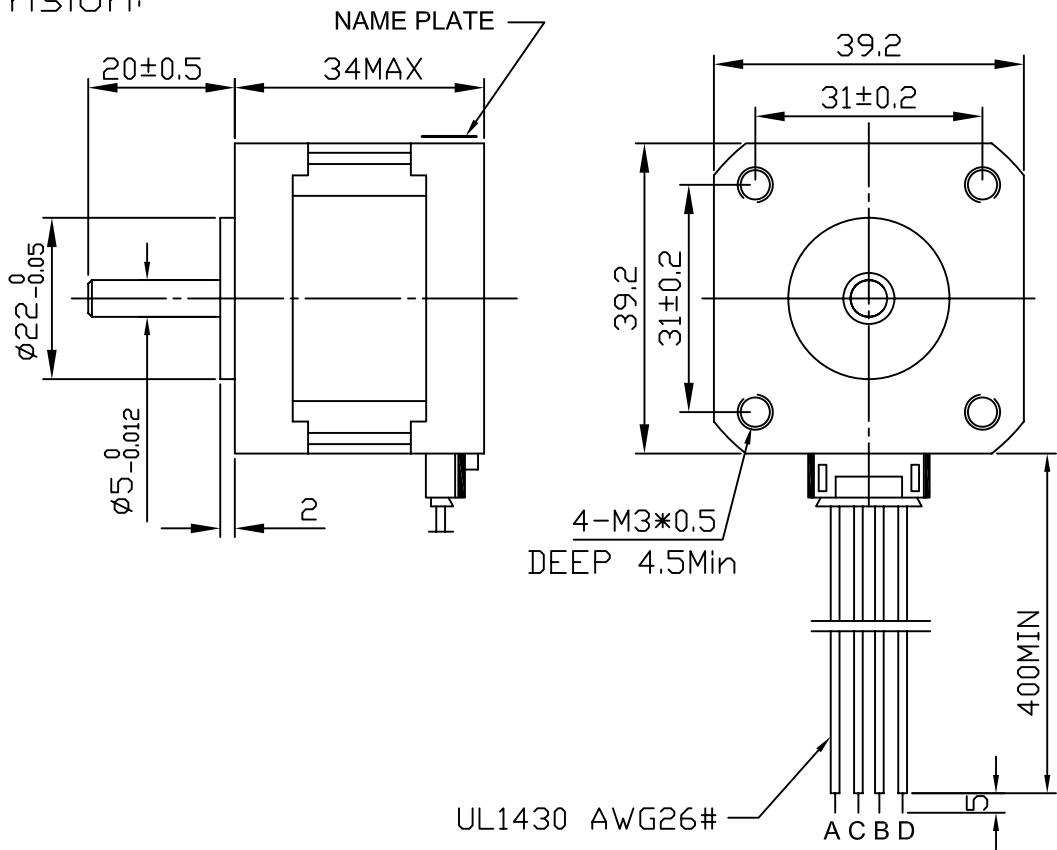


Rotation:

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

CW direction,see from the flange side

Dimension:



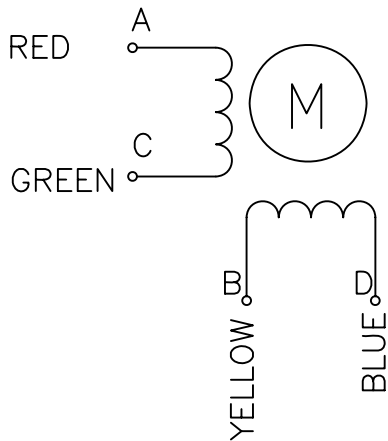
REV	ECN	MD	DESCRIPTION	DRN	APP'D	DATE	DESIGN	DATE	P/N.
UNLESS OTHERWISE SPECIFIED							CHECK		TITLE
TOLERANCES:							APPD		SPECIFICATIONS
DECIMALS:									USED ON
ANGULAR:									FL39ST34-0604AC-20
.x ±0.5									DWG MD.
.xx ±0.25									FX3.162. SS
.xxx ±0.1									REV
UNIT: mm							SCALE		FULLING MOTOR
DO NOT SCALE DRAWING							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:

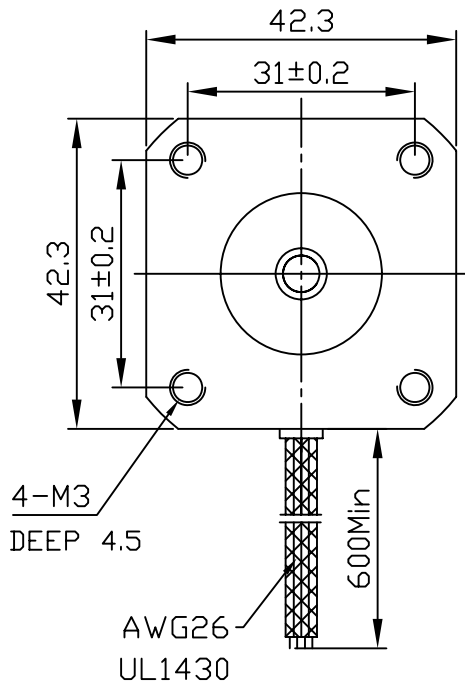
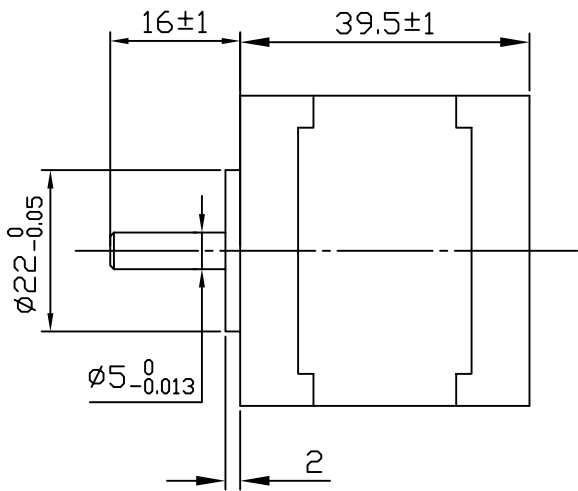


Rotation:

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

CW direction,
see from the flange side

Dimension:



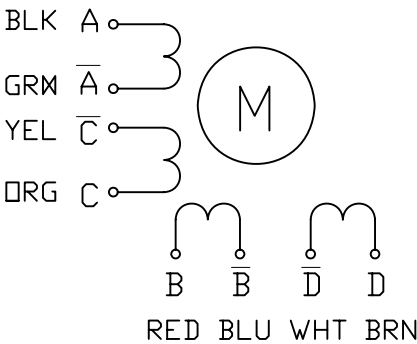
REV	ECN	MD	DESCRIPTION	DRN	APP'D	DATE	DESIGN	DATE	P/N.
UNLESS OTHERWISE SPECIFIED							CHECK		TITLE
TOLERANCES:							APPD		SPECIFICATIONS
DECIMALS: .x ±0.5							SCALE		USED ON
ANGULAR: .xx ±0.25 ±0°30'							SHEET	OF	FL42STH38-0404A-16
.xxx ±0.1									DWG MD.
UNIT: mm									REV
DO NOT SCALE DRAWING									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	1.8	4.6	1.0	4.6	4.0	34	68	0.28	200	B
series			6.44	0.7	9.2	16	44				
parallel			3.22	1.4	2.3	4.0					

Wiring Diagram:



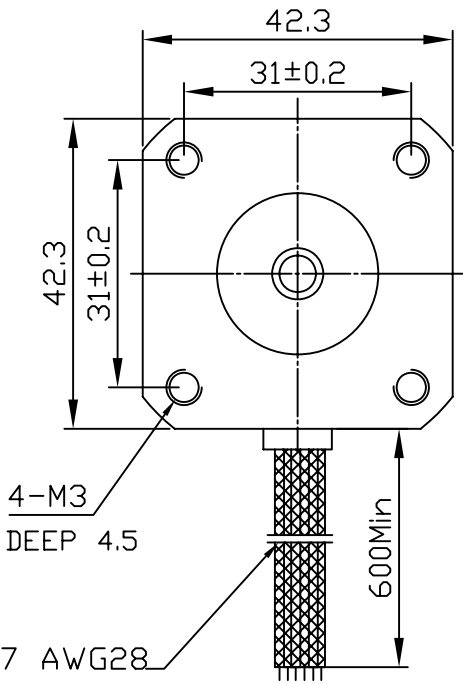
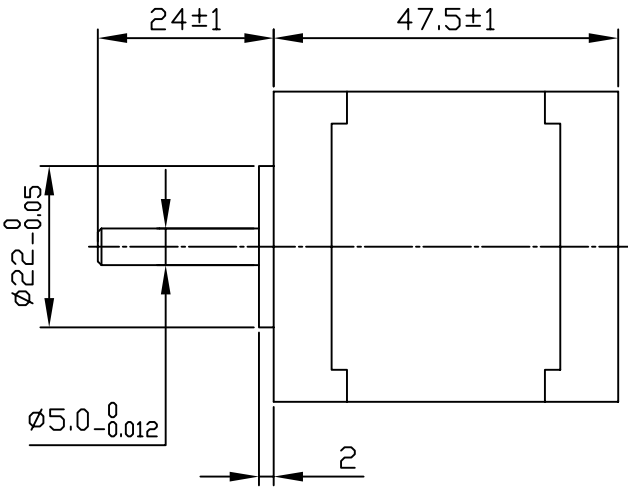
Rotations:

FULL STEP,PARALLEL BIPOLAR

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

SEE FROM THE SHAFT END

Dimension:

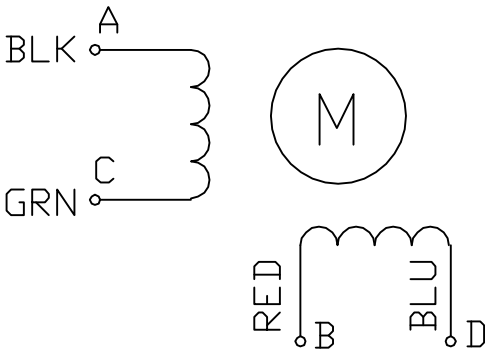


					DESIGN	DATE	P/N.			
REV	ECN NO.	DESCRIPTION	DRN	APP'D	DATE		TITLE			
UNLESS OTHERWISE SPECIFIED TOLERANCES DECIMALS: ANGULAR: .x ± 0.5 .xx ± 0.25 ± 0° 30` .xxx ± 0.1 UNIT: mm DO NOT SCALE DRAWING			MATERIAL			CHECK		Specifications		
									USED ON	
						APPD		FL42STH47-1008A		
			FIRST ANGLE PROJECTION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

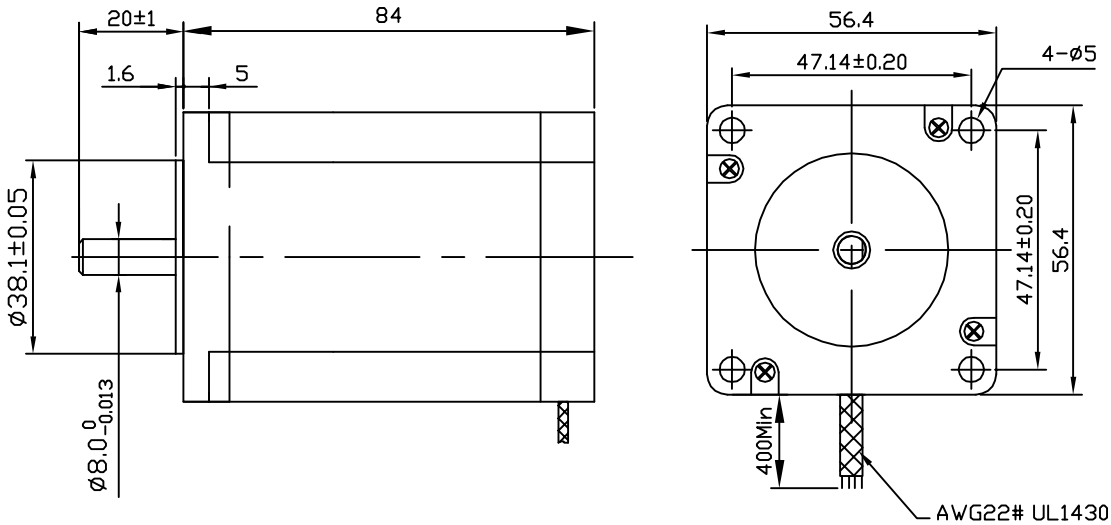
Wiring Diagram:



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

CW see from the flange side

Dimension:



						DESIGN	DATE	P/N.
REV	ECN NO.	DESCRIPTION	DRN	APP'D	DATE			TITLE: SPECIFICATION
UNLESS OTHERWISE SPECIFIED TOLERANCES: DECIMALS: .x ±0.5 .xx ±0.25 .xxx ±0.1 UNIT: mm DO NOT SCALE DRAWING			MATERIAL			CHECK		USED ON: FL57STH84-4004A
						APP'D		DWG NO. REV
						SCALE		FULLING MOTOR
						SHEET OF		

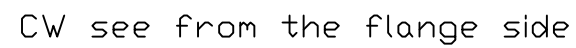
specifications:

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

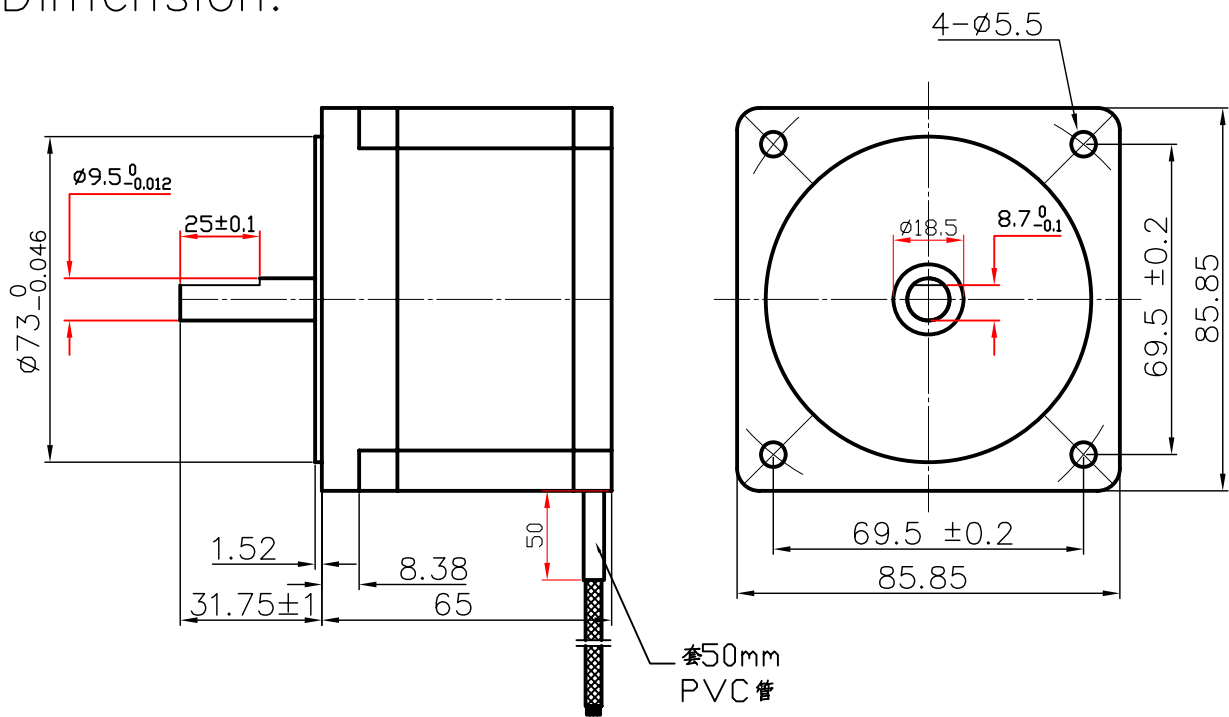


Dimension:

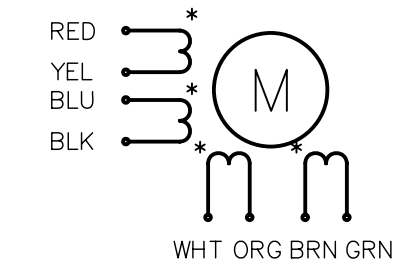
Technical drawing of a cable gland. The drawing includes a side view and a top view. The side view shows a cylindrical body with a central hole. Dimensions include a total length of 115MAX, a flange thickness of 20.6±1, a flange outer diameter of 38.1±0.025, a flange inner diameter of 10⁰_{-0.013}, a central hole diameter of 10⁰_{-0.013}, a flange width of 15±1, a flange hole diameter of 5, a flange hole offset of 1.6, and a central hole offset of 5. The top view shows a square flange with a side length of 56.4, a central hole diameter of 47.14±0.20, and four mounting holes with a diameter of 4-Ø5^{+0.3}₀. A cable with a diameter of 300Min is shown passing through the gland, labeled UL 1430 AWG22.

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

Dimension:



Wiring Diagram:



引出线从电机引出时套50mmPVC 管

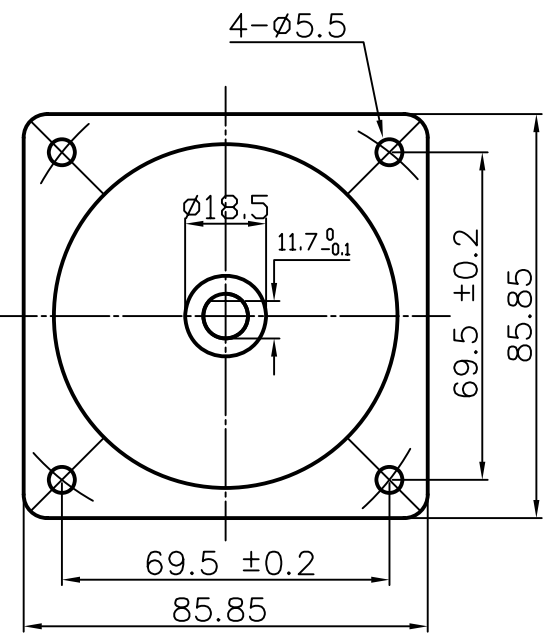
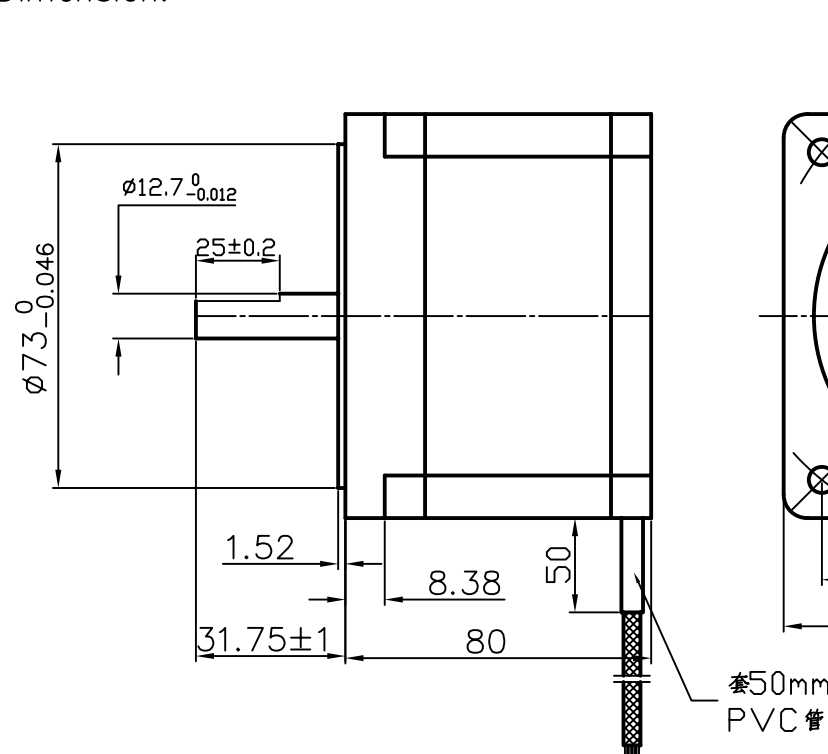
红黄蓝黑白橙棕绿
1430—AWG20# L=500mm

Specifications:

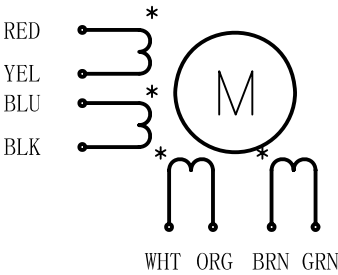
PHASE	STEP ANGLE	CONNECTION STYLE	CURRENT	RESISTANCE	INDUCTANCE	HOLDING TORQUE	ROTOR INERTIA	WEIGHT
	DEG/STEP		A	ohms	mH	N.m	gcm ²	Kg
4	1.8	parallel	4	0.7	3.9	3.5	1000	1.7
		series	2	2.8	15.6			
		unipolar	2.8	1.4	3.9	2.2		

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

Dimension:



Wiring Diagram:



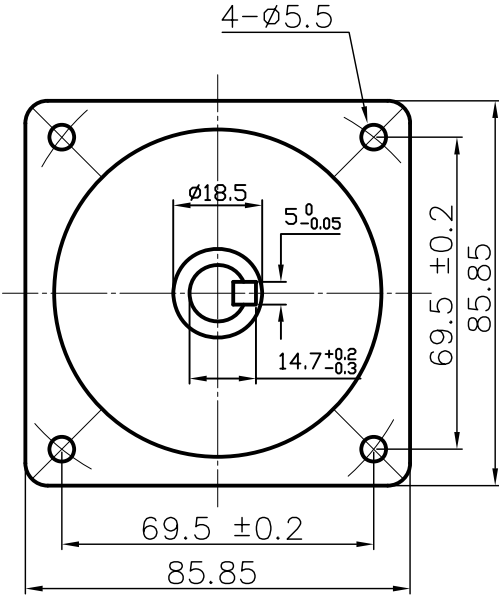
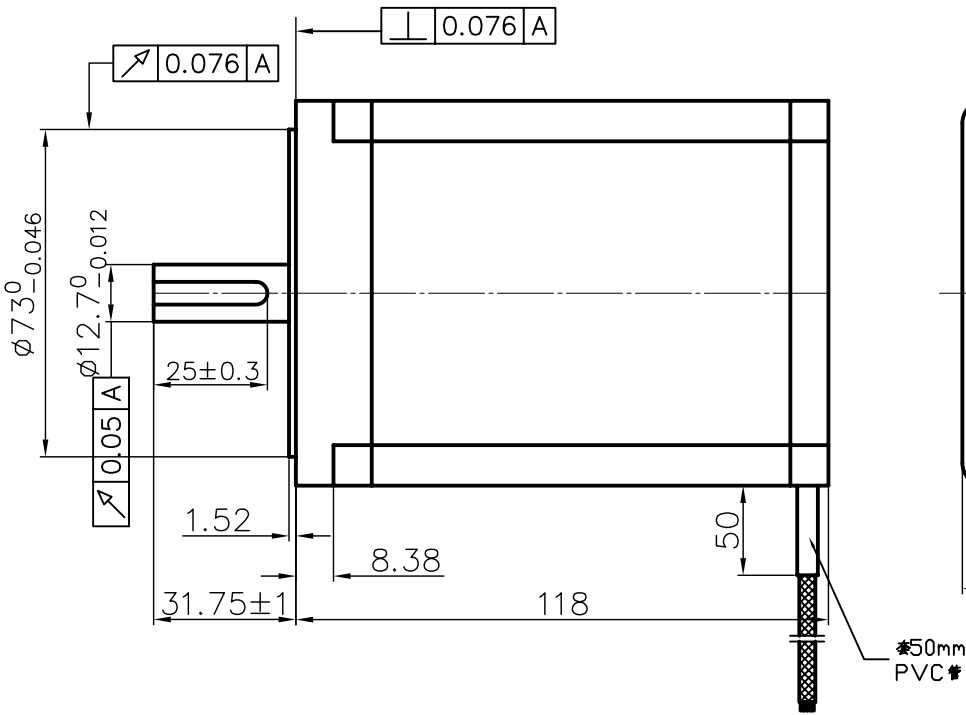
引出线从电机引出时套50mmPVC 套管
红黄蓝黑白橙棕绿
1430—AWG20# L=500mm

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		

						DESIGN	DATE	P/N.
REV	ECN NO.	DESCRIPTION	DRN	APP'D	DATE	CHECK		TITLE
UNLESS OTHERWISE SPECIFIED		MATERIAL		CHECK		SPECIFICATIONS		
TOLERANCES:						USED ON		
DECIMALS:		ANGULAR:				FL86STH80-4208A-15		
.x ±0.5		±0°30'				DWG NO.		REV
.xx ±0.25						FX3.162.		
.xxx ±0.1						FULLING MOTOR		
UNIT: mm		THIRD ANGLE PROJECTION		SCALE				
DO NOT SCALE DRAWING				SHEET		OF		

Dimension:



Wiring Diagram:

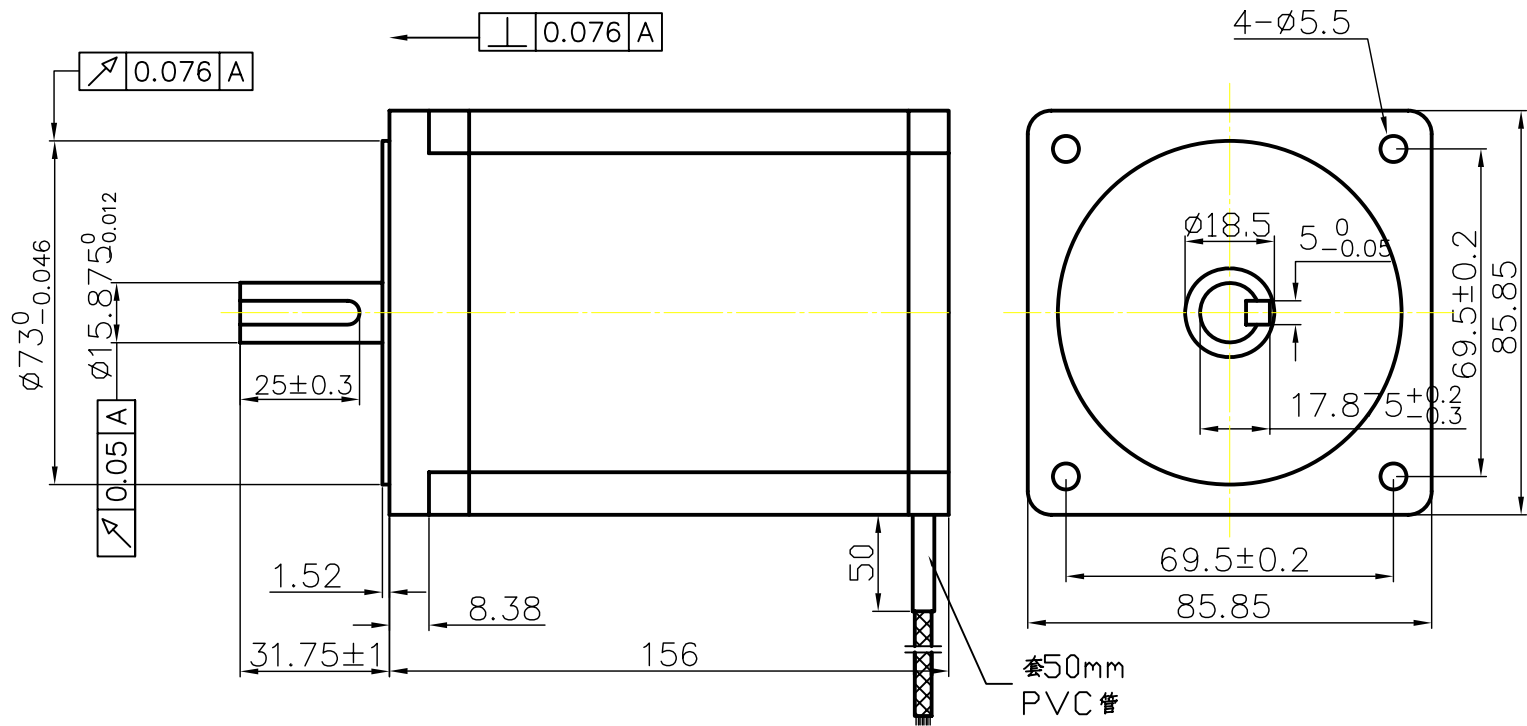


Specifications:

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	0.495	6	8.5	2700	3.8
		series	3	1.98	24			
		unipolar	4.2	0.99	6	6		

REV	ECN	MO.	DESCRIPTION	DRN	APP'D	DATE	DESIGN	DATE	P/N.
UNLESS OTHERWISE SPECIFIED	MATERIAL						CHECK		TITLE
TOLERANCES:									SPECIFICATIONS
DECIMALS:							APPD		USED ON
.x ±0.5									FL86STH118-4208A-23
.xx ±0.25									DWG NO.
.xxx ±0.1									FX3.162.
UNIT: mm									REV
DO NOT SCALE DRAWING							THIRD ANGLE PROJECTION	SCALE	FULLING MOTOR
								SHEET	

Dimension:



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			

REV	ECN	MO.	DESCRIPTION	DRN	APP'D	DATE	DESIGN	DATE	P/N.
UNLESS OTHERWISE SPECIFIED TOLERANCES:				MATERIAL			CHECK		TITLE
DECIMALS: .x ±0.5				ANGULAR: ±0°30'			APP'D		USED ON
.xx ±0.25				.xxx ±0.1					FL86STH156-4208A-05
UNIT: mm				DO NOT SCALE DRAWING					DWG NO.
				THIRD ANGLE PROJECTION			SCALE		FX3.162.
							SHEET	OF	REV
							FULLING MOTOR		