JIWU TECH

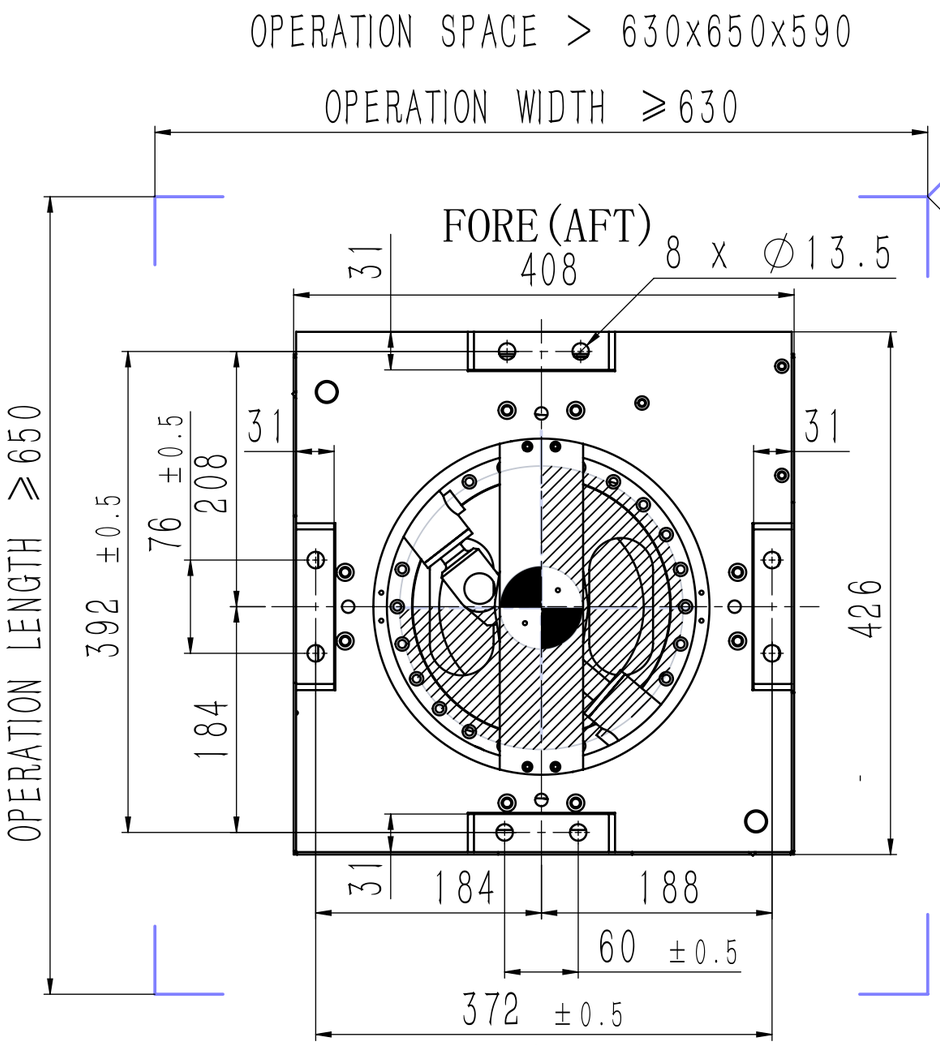
STABILIZED BY GYROSCOPIC POWER

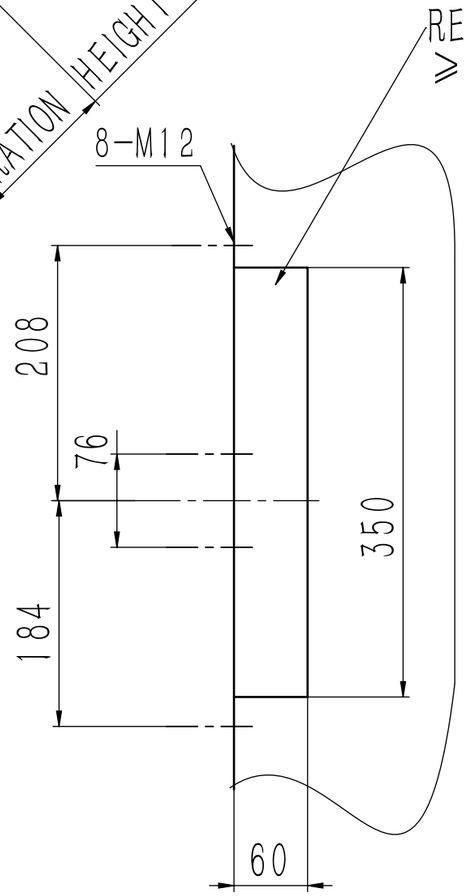
Product information

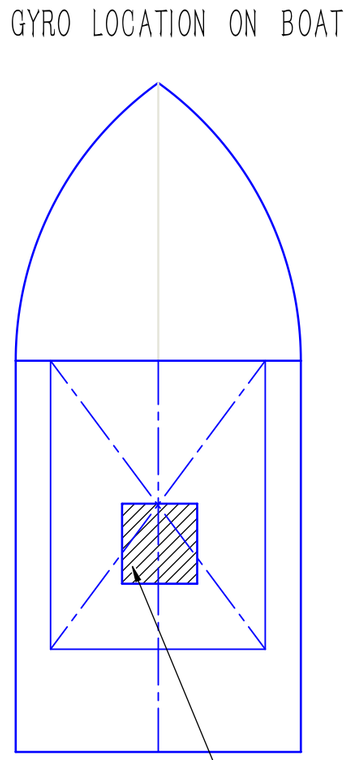
JW-1

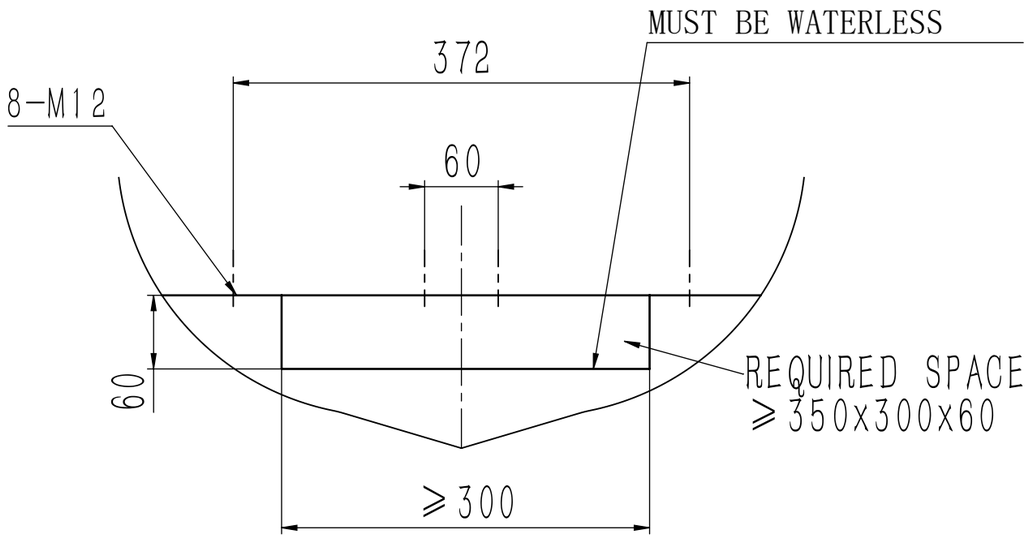
For Boats	About 30’ (up to 5 tons)
Weight	120 kg±5%
Dimensions	406*404*452 mm
Rated Speed	8000 RPM
Angular Momentum at Rated RPM	1000 N-M-S
Anti-Rolling Torque at Rated RPM	2500 N-M
Spool-up Time to Rated RPM	30 min
Spool-up Time to Stabilization (70% Rated RPM)	15 min
Spool-up Power	800 W
Operating Power	600 W - 800 W
AC Input	DC12V/AC110V-220V，50/60HZ
Sea Water Supply to Heat Exchanger	5 LPM/Air Cooling (Optional)
Ambient Air Temprature	-20-60 ℃
Noise Output	70 - 72 dB

JW-1.00.01









NOTES

1. GYRO SUPPORT STRUCTURE MUST BE PARALLEL TO VESSEL WATERLINE
2. THE MOUNTING BASE AND BOLTS SHOULD HAVE ENOUGH INTENSITY TO WITHSTAND 85NM OF TORQUE.
3. THE RELATIVE POSITION OF EACH BOLT HOLE CENTER IS 0.5MM.

MARKER	PLACES	FILE No.	SIGN	DATE
DESIGN				
CHECKED	LUOLIN			
CRAFT		APPROVE	CHENSHAONAN	
STANDARD		DATE	2019/10/11	

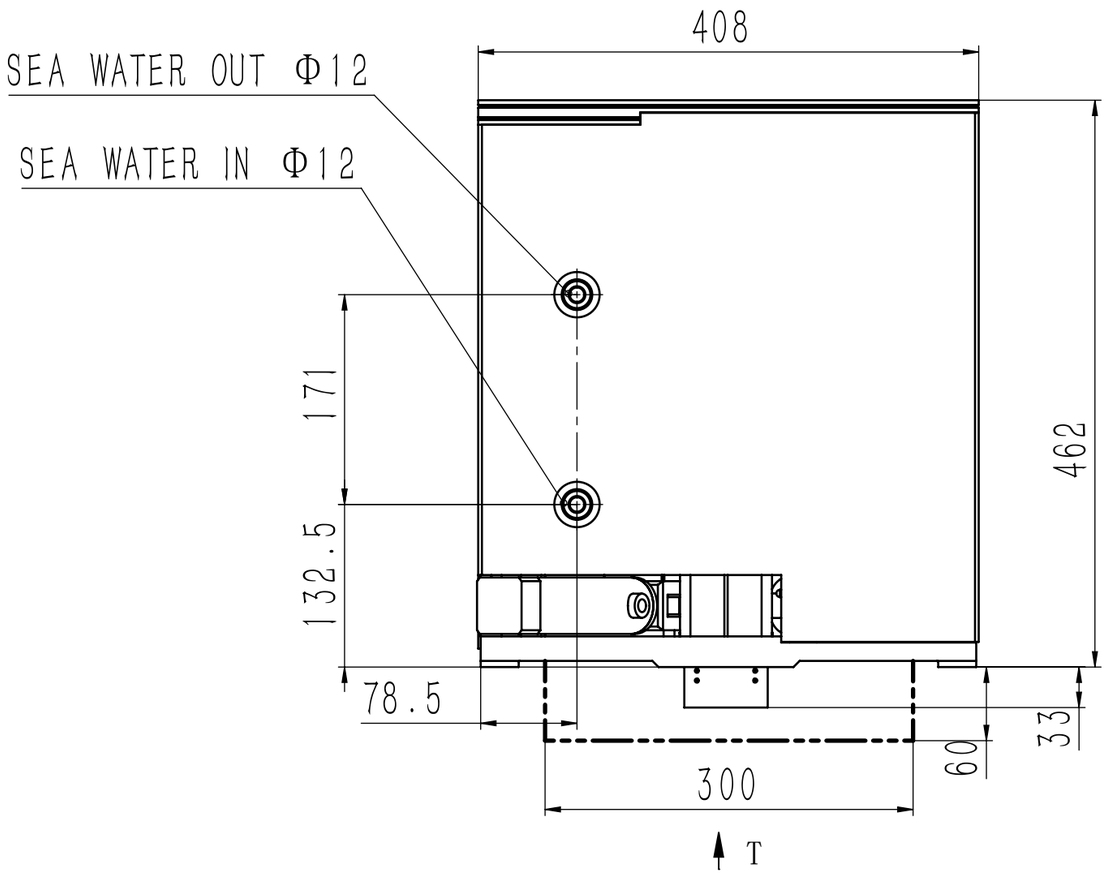
GYRO INSTALLATION BOLT GUIDE

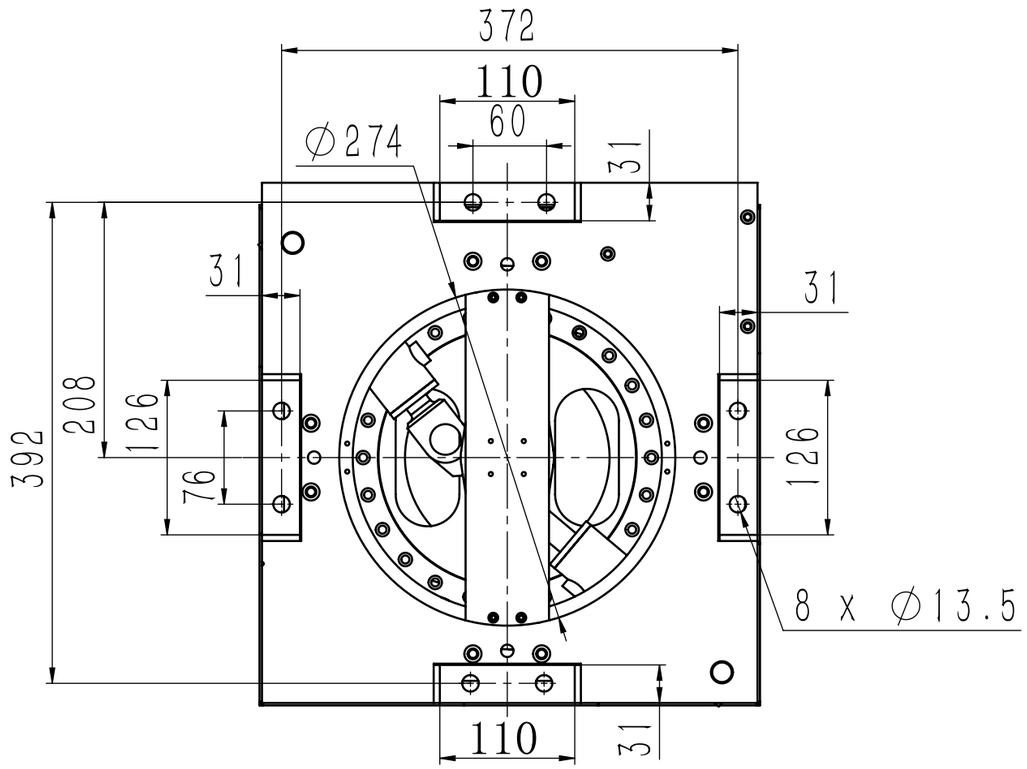
JW-1.00.01

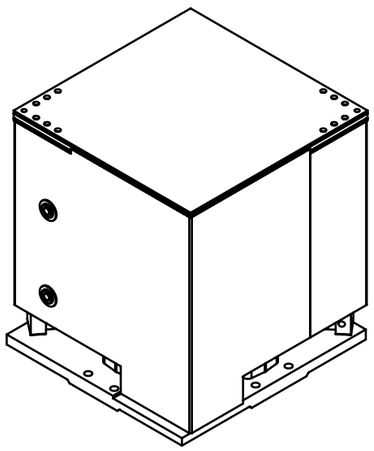
STAGED MARKING	WEIGHT(Kg)	SCALE
		1:5

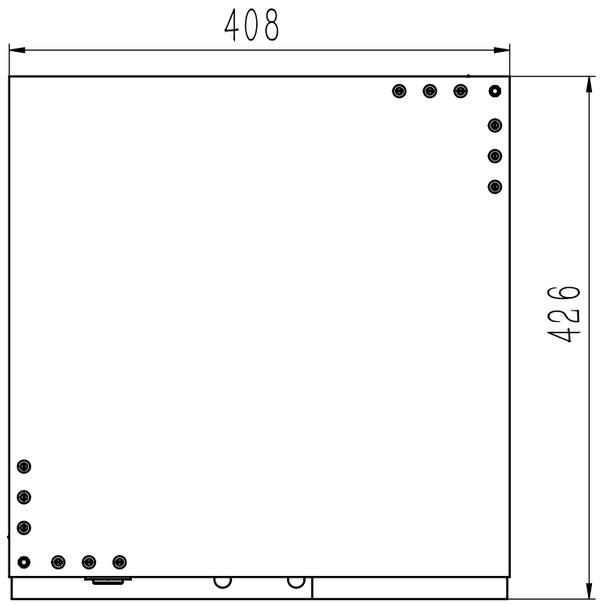
TOTAL PAGES | PAGE

SHANGHAI JIWU TECH









NOTES

1. MOTOR POWER IS 0.8 KILOWATT, DC12V.
2. COOLING WATER FLOW IS 5 LPM,SEA WATER PUMP IS SUPPLIED BY INSTALLER.
3. THERE ARE POM PLATES BETWEEN THE HULL AND GYRO SUPPORT.

MARKER	PLACES	FILE No.	SIGN	DATE
DESIGN	CUIYUHUI			
CHECKED	LUOLIN			
CRAFT		APPROVE	CHENSHAONAN	
STANDARD		DATE	2019/10/10	

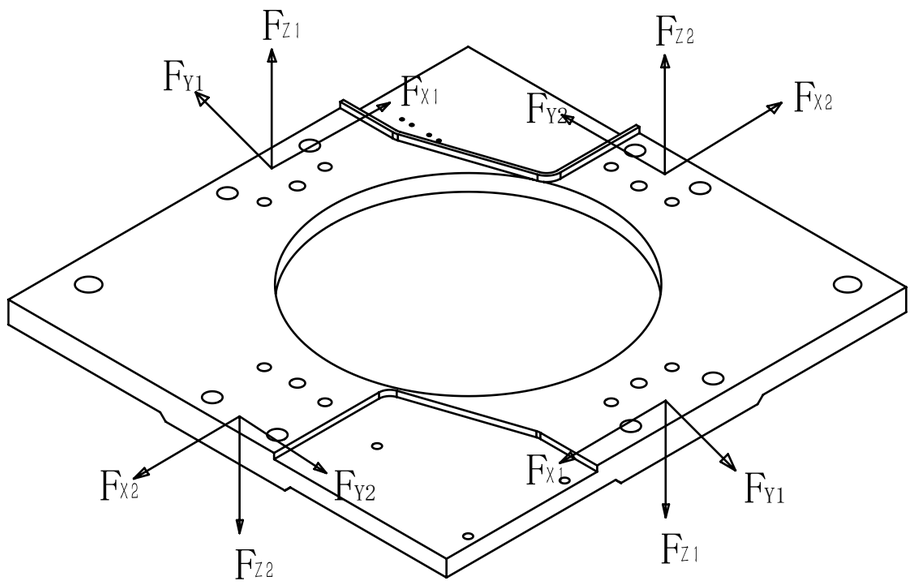
GYRO ENVELOP DIMENSION DRAWING

JW-1.00.01

STAGED MARKING	WEIGHT(Kg)	SCALE
		1:5

TOTAL PAGES | PAGE

SHANGHAI JIWU TECH



NOTES

1. THE INFLUENCE OF THE LOAD TRANSMITTED BY GYRO STABILIZER ON SHIP STRUCTURE SHOULD BE CONSIDERED WHEN DESIGNING MOUNTING BASE.
   THE LEFT FIGURE SHOWS THE FORCE CONDITION OF THE JOINT BOLTS.
   VERTICAL FORCE (Fz1): 18kN
   LONGITUDINAL FORCE (Fx1): 5.8kN
   LATERAL FORCE (Fy2):1.5kN
   VERTICAL FORCE (Fz1): 9kN
   LONGITUDINAL FORCE (Fx1): 2.9kN
   LATERAL FORCE (Fy2):1.5kN
2. 3 IS RECOMMENDED FOR THE SAFETY FACTOR OF THE MOUNTING BASE INTENSITY DESIGN.
3. MOUNTING BASE INSTALLATION PARTS LIST:

NO.	NAME	MATERIAL	TOTAL
1	PLATE-1	POM	2
2	PLATE-2	POM	2
3	BOLT M12 GB5873	12.9	8

4. REMOVABLE THREAD GLUE (EG. LOCTITE 243) SHOULD BE USED WHEN INSTALLING BOLTS WITH TIGHTENING TORQUE OF 85NM.

MARKER	PLACES	FILE No.	SIGN	DATE
DESIGN	CUIYUHUI			
CHECKED	LUOLIN			
CRAFT		APPROVE	CHENSHAONAN	
STANDARD		DATE	2019/10/11	

FOUNDATION LOAD DRAWING

JW-1.00.03

STAGED MARKING	WEIGHT(Kg)	SCALE
	5.772	1:4

TOTAL PAGES | PAGE

SHANGHAI JIWU TECH

JW-1.00.041

						JW-1.00.041	
MARKER	PLACES	FILE No.	SIGN	DATE	PLATE-1	STAGED MARKING	WEIGHT(Kg) SCALE
							0.02 1:1
DESIGN	CUIYUHUI						
CHECKED	LUOLIN					TOTAL PAGES	PAGE
CRAFT		APPROVE	CHENSHAONAN		POM	SHANGHAI JIWU TECH	
STANDARD		DATE	2019/10/10				

JW-1.00.42

MARKER	PLACES	FILE No.	SIGN	DATE			
DESIGN	CUIYUHUI						
CHECKED	LUOLIN						
CRAFT		APPROVE	CHENSHAONAN				
STANDARD		DATE	2019/10/10				

PLATE-2

POM

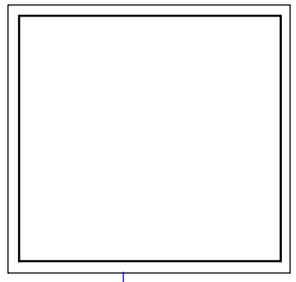
JW-1.00.042

STAGED MARKING	WEIGHT(Kg)	SCALE
	0.01	1:1

TOTAL PAGES | PAGE

SHANGHAI JIWU TECH

TOUCH SCREEN 128x102x32mm



(4x0.5mm^2)
CABLE

4 CORE QUICK CONNECTOR

2 CORE QUICK CONNECTOR
(220V50Hz/110V60Hz)

30cm (2x1.5mm^2)

4 CORE QUICK CONNECTOR
(CONNECT WITH TOUCH SCREEN)

30cm (4x0.5mm^2)
CABLE

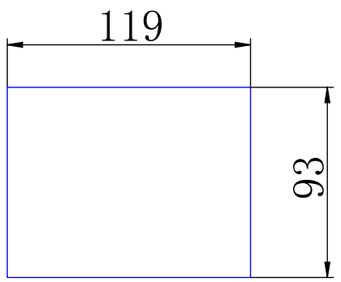
GYRO STABILIZER

4x0.5mm^2 USER SUPPLIED CABLE

PARTS LIST

1、4 CORE MALE QUICK CONNECTOR x1 PIECE
2、4 CORE FEMALE QUICK CONNECTOR x1 PIECE
3、2 CORE FEMALE QUICK CONNECTOR x1 PIECE
4、TOUCH SCREEN x1 PIECE

HOLE SIZE FOR ASSEMBLING
TOUCH SCREEN



MARKER	PLACES	FILE No.	SIGN	DATE
DESIGN	YOUGUIBIAO			
CHECKED	LUOLIN			
CRAFT		APPROVE	CHENSHAONAN	
STANDARD		DATE	2019/10/10	

GYRO ELECTRIC WIRING GUIDE

JW-1.00.05

STAGED MARKING	WEIGHT(Kg)	SCALE
	0.584	1:3

TOTAL PAGES | PAGE

SHANGHAI JIWU TECH