

FOYO



2024

MARINE  
ACCESSORIES CATALOG

**FOYO(CHANGTING)MARINE CO.,LTD**  
**福达（长汀）船舶设备有限公司**

[www.foyomarine.com](http://www.foyomarine.com)

# Brand Story

Foyo (Changting) Marine Co., Ltd. established in 2018, and located in Longyan Changting, Covering an area of 10688 square meter.

Foyo has a complete production line with polishing machines, Bending machines, C N C, linear cutting machine, arc welding oil pressure machine, cast vibration machines .

Foyo brand has more than 20 years, is an international operating developer, manufacturer and trading company, selling marine hardware and equipment to the whole world.

We have won the unanimous recognition of consumers with satisfactory product quality and perfect after-sales service.

The foyo range of products consists of over 2000 high quality products which covering most of the specification in different boat parts.we have developped more than one thousands of new moulds in the past few years.

You can achieve one stop shopping in foyo for all of your boat accessories here.

The high sales service and technical R&D team in foyo is being maintained by education and training of everyone involved in the production ,sales,technical,after-service. we can design and produce according to the drawings provided by our customers.

Our goal is to offer best quality,prompt and accurate delivery and compatible price for all of our customers.

We sincerely welcome friends from all over the world to visit our company and cooperate with us on the basis of long-term mutual benefits.

**Xiamen foyo team**

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# ANTENNA MOUNT

## HEAVY DUTY ANTENNA BASE

High-Polished cast 316 stainless steel

Base dimensions: 2-3/8" x 3-3/4"

Overall Height: 4" 1"-14 male thread

P/N A020100



## ANTENNA RAIL MOUNT

High-Polished cast 316 stainless steel

fits tubing 7/8" & 1" 1"-14 male thread

P/N A030100



## FIXED ANTENNA BASE, WITH 1"-14 THREAD

Made of 304 Stainless Steel

P/N	length	Base Dia	Tube. O D
A060100	40	φ 77	φ 25.4
A060200	105	φ 77	φ 25.4



## FIXED ANTENNA BASE WITH 1"-14 THREAD - HEAVY DUTY

Made of 316 Stainless Steel

P/N	length	Base Dia	Tube. O D
A070100	40	φ 77	φ 25.4
A070200	105	φ 77	φ 25.4





## RAIL MOUNT ANTENNA BRACKET WITH 1"-14 THREAD



Made of 304 Stainless Steel

P/N	Fits Tubing
A120100	7/8" TO 1"

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## ANTENNA BASE



Nylon Deck Mount Fits 1" Tubing or 7/8" with insert

P/N A040100

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## ANTENNA RATCHET MOUNT



Material: High Impact White Nylon

P/N A050100

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## ANTENNA MOUNT EXTENSION WITH 1"-14 THREAD



Made of 304 Stainless Steel

P/N	length	Tube. O D
A110100	6"	1-1/16"
A110200	12"	1-1/16"
A110300	24"	1-1/16"

## RAIL MOUNT ANTENNA BRACKET, WITH 1"-14 THREAD

Made of 304 Stainless Steel

P/N	Fits Tubing
A080100	7/8" TO 1"



## FIXED ANTENNA BASE

This antenna base will accept any standard antenna with 1"-14 threads

P/N	Base	Height	M' TL
A090100	2-13/16"	1-5/8"	Nylon



## TUBE MOUNT ANTENNA BASE, WITH 1"-14 THREAD

Made of 316 Stainless Steel

P/N	Length	Fits	Fastener
A100100	2"	1"	1/4"-28UNC



## SWIVEL MOUNT

SS316 Swivel Mount

P/N	Thread
A140100	1"-14



## NYLON STAND-OFF BRACKET



Stand-off Bracket

P/N	Material
A140200	Nylon

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## ANTENNA BASE



HEAVY DUTY SS 316 Ratchet Mount

P/N	Thread
A020200	1"-14

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## ANTENNA BASE



SS 316 Ratchet Mount

P/N	Thread
A020201	1"-14

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## ANTENNA BASE



SS 316 Ratchet Mount

P/N	Thread
A020203	1"-14



**ANTENNA RAIL MOUNT**

Heavy Duty SS 316 Rail Mount

P/N	Thread
A020202	1"-14



**ANTENNA RAIL MOUNT**

Heavy Duty SS 316 Rail Mount

P/N	Thread
A030101	1"-14



**QUICK CONNECT SS RATCHET MOUNT**

SS 316 Stainless Steel Ratchet Mount

P/N	Thread
A020200F	1"-14



**QUICK CONNECT SS RATCHET MOUNT**

SS 316 Stainless Steel Ratchet Rail Mount

P/N	Thread
A020202F	1"-14



## QUICK CONNECT SS RATCHET MOUNT



SS 316 Flange Mount

P/N	Height	Thread
A060201	4"	1"-14

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**FLAG POLE**

**PONTOON FLAG POLE SOCKET**



Material of 6063 Aluminum alloy  
aluminum tube + nylon plastic

P/N	Dia	Length	Description
B010100	7/8"	24"	Flagpole + flag
B010200	7/8"	24"	Flagpole

**FLAG POLE BASE 10°**

Made of 316 Stainless Steel

P/N	Dia	Base
B260200	1"	φ 2.6"





**STANCHION**



Made of 316 Stainless Steel

P/N	Tube	Length
B011025	1"	24"

**STANCHION**



Made of 304 Stainless Steel

P/N	Tube	Length
B011120	1"	20.3"
B011224	1"	24"

**STANCHION**



Made of 304 Stainless Steel

P/N	Tube	Length
B010450	1"	19-11/16"
B010561	1"	24"
B010666	1"	26"

**STANCHION SOCKET**



Made of 304 Stainless Steel

P/N	Tube	Degree	Base
B011590	1"	90°	3"*3.5"
B011684	1"	84°	3"*3.5"

### RAIL MOUNTED FLAG STAFF

Made of 304 Stainless Steel

P/N	Dia	Length	Description
B010212Q	1/2"	14"	Flagpole + flag
B010212	1/2"	14"	Flagpole



### RAIL MOUNTED FLAG STAFF

Made of 304 Stainless Steel

P/N	Dia	Length	Description
B010314Q	1/2"	14"	Flagpole + flag
B010314	1/2"	14"	Flagpole



### FLAG

Waterproof material ,The embroidery

P/N	Width	Length
B180100	13"	20"
B180200	12"	19"



### STANCHION

Made of 304 Stainless Steel

P/N	Tube	Length
B010750	1"	19-11/16"
B010966	1"	26"
B010861	1"	24"



**ROUND FLAG POLE BASE W/ SECURING**



Made of 316 Stainless Steel

P/N	Tube OD	Length	Angle
B330190	1"	17.7"	90°
B330245	1"	17.7"	45°

**RECTANGULAR FLAG POLE BASE W/ SECURING**



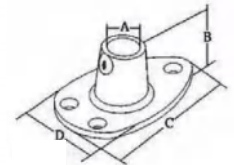
Made of 316 Stainless Steel

P/N	Tube OD	Length	Angle	Base
B330390	1"	17.7"	90°	3.2"*1.7"
B330445	1"	17.7"	45°	3.2"*1.7"

**FLAG POLE BASE**



Made of 316 Stainless Steel



P/N	Dia	A	B	C	D
B260100	0.7"	0.7"	1.2"	3.3"	2"

**STANCHION SOCKET**



Made of 304 Stainless Steel

P/N	Tube	Degree	Base
B011390	1"	90°	2-1/2"*3-1/2"
B011484	1"	84°	2-1/2"*3-1/2"



### STANCHION

Made of 316 Stainless Steel

P/N	Tube
B011725	1"



### RAIL MOUNT PENNANT STAFF

Made of 304 Stainless Steel

P/N	Dia	Length	Rail	Description
B220100Q	1/2"	18"	1"	Flagpole + flag
B220100	1/2"	18"	1"	Flagpole
B240100	1/2"	18"	1"	Independent of the rod



### FLAG POLE & BASE REMOVABLE

Made of 304 Stainless Steel

P/N	Dia	Length	Description
B250100Q	7/8"	24"	Flagpole + flag
B250100	7/8"	24"	Flagpole



### STAINLESS STEEL FLAG POLE

Made of 304 Stainless Steel

P/N	Dia	Length
B330205	1"	19.7"
B330110	1"	39.4"
B330306	1"	23.6"



## ADJUSTABLE BASE FOR LIGHT POLE



Made of 316 Stainless Steel

P/N	Dia	Base
B190100	7/8"	2.6"*1.25"

## FLAG POLE BASE 45°



Made of 316 Stainless Steel

P/N	Dia	Base
B200100	7/8"	3"*1.7"

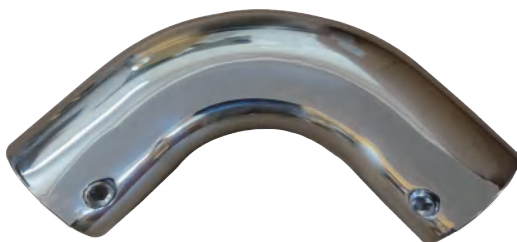
## UNIVERSAL TEE



Made of 316 stainless steel

P/N	Size
B041590	1"
B041690	7/8"

## ELOW



Made of 316 stainless steel

P/N	Tube Size
B061178	7/8"
B061201	1"

## BASE RAIL FITTING

### ROUND BASE RAIL FITTING

Made of 316 Stainless Steel

P/N	Tube OD	Angle
B020130	7/8"	30°
B020530	1"	30°
B020490	7/8"	90°
B020360	7/8"	60°
B020245	7/8"	45°
B020760	1"	60°
B020890	1"	90°
B020645	1"	45°



### RECTANGULAR BASE RAIL FITTING

Made of 316 Stainless Steel

P/N	Tube OD	Angle
B030130	7/8"	30°
B030330	1"	30°
B030290	7/8"	90°
B030160	7/8"	60°
B030145	7/8"	45°
B030360	1"	60°
B030490	1"	90°
B030345	1"	45°



### UNIVERSAL TEE

Made of 316 Stainless Steel

P/N	Tube OD	Angle
B040160	7/8"	60°
B040490	1"	90°
B040360	1"	60°
B040290	7/8"	90°



### FLAG POLE BASE

Made of 316 Stainless Steel

P/N	Tube OD	Angle
B340145	1"	45°
B340245	0.78"	45°



## HANDRAIL STANCHION



Made of 316 Stainless Steel

P/N	Tube OD	Type
B050160	7/8"	Center 60°
B050650	1"	After 60°
B050460	1"	Center 60°
B050360	7/8"	Forward 60°
B050260	7/8"	After 60°
B050660	1"	Forward 60°

## ELBOW



Made of 316 Stainless Steel

90 degree(includes set screws)

P/N	Tube Inch
B060190	7/8"
B060290	1"

## UNIVERSAL TEE



Made of 316 Stainless Steel

P/N	Tube Inch
B210178	7/8"
B210201	1"

## UNIVERSAL TEE



Made of 316 Stainless Steel

P/N	Tube Inch
B350178	7/8"
B350201	1"

# AWNING ACCESSORIES

## TOP CAP

Made of 316 Stainless Steel

P/N	Tube OD
B080178	7/8"
B080201	1"
B080334	3/4"
B080414	1-1/4"



## TOP CAP

Made of 316 Stainless Steel

P/N	Tube OD
B081178	7/8"
B081201	1"
B081314	1-1/4"



## CAP FOR PIPE END



Made of Nylon

P/N	FOR PIPE
B124512	20MM
B124513	25MM

## TOP CAP

Made of nylon

P/N	Tube OD
B080178S	7/8"
B080201S	1"



## TOP CAP

Made of nylon

P/N	Tube OD
B081178S	7/8"





**JAW SLIDE**



Made of 316 Stainless Steel

P/N	Tube OD
B090178	7/8"
B090201	1"
B090334	3/4"
B090414	1-1/4"

**DECK HINGE**



Made of 316 Stainless Steel

P/N	Base Size	Bolt Size	Description
B100190	3/4"*2-1/4"	1/4"	90Degree

**DECK HINGE**



Made of 316 Stainless Steel

P/N	Base Size	PIN	Description
B100290	3/4"*2-1/4"	1/4"	90Degree

**DECK HINGE SIDE MOUNT**



Made of 316 Stainless Steel

P/N	Base Size	Bolt Size
B110100	7/8"*2"	1/4"

**INSERT EYE**

Made of 316 Stainless Steel

P/N	Tube Size
B280334	3/4"



**HINGE JAW SLIDE**

Made of nylon

P/N	SIZE
B090178S	7/8"
B090201S	1"



**HINGE JAW SLIDE**

Made of 316 Stainless Steel

P/N	Tube Size	Bolt Size
B290100	7/8"	1/4"
B290200	1"	1/4"
B290300	1-1/4"	1/4"
B290400	1-1/2"	1/4"
B290500	2"	1/4"



**INSERT EYE**

Made of 316 Stainless Steel

P/N	Tube Size
B280178	7/8"
B280201	1"



### RAIL END-IN



Made of 316 Stainless Steel

P/N	Chief	Tube Inch
B070100	5-1/2"	7/8"

### JAW SLIDE



Made of 316 stainless steel

P/N	Tube OD
B091178	7/8"
B091201	1"
B091314	1-1/4"

### DECK HINGE BALL STYLE TOP CAP



Made of 316 Stainless Steel

P/N	Tube Size
B300178	7/8"
B300201	1"

### JAW SLIDE BALL STYLE TOP CAP



Made of 316 Stainless Steel

P/N	Tube Size
B310178	7/8"
B310201	1"

**DECK HINGE HEAVY DUTY**

Made of 316 Stainless Steel

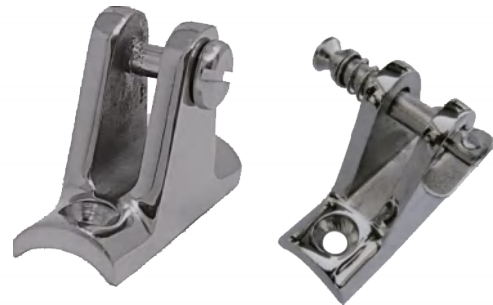
P/N	Base Size	Screw Size
B120100	1"*2-1/8"	1/4"



**DECK HINGE HEAVY DUTY**

Made of 316 Stainless Steel

P/N	SIZE
B160100	Bolt
B160210	Push and pull pin
B160300	Through-hole



**HINGE JAW SLIDE**

Made of nylon

P/N
B100190S



**REMOVABLE DECK HINGE**

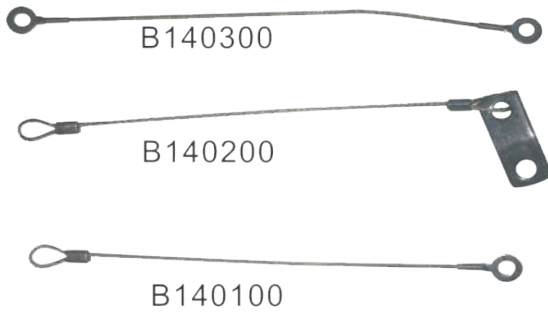
Made of 316 Stainless Steel

P/N	Base Size	Bolt Size
B320100	3"*1.4"	1/4"



# RELEASE PIN

## QUICK DISCONNECT RELEASE PIN



Made of 304 Stainless Steel

P/N	Dia	Length	Plate
B140100	0.05"	6"	Round
B140200	0.05"	6"	Oblong
B140300	0.05"	6"	Round

## QUICK DISCONNECT PIN



Made of 304 Stainless Steel

P/N	Dia	Grip
B150400	1/4"	2-1/4"
B150500	1/4"	1"
B150600	5/16"	1-1/2"
B150100	3/16"	1/2"
B150200	1/4"	7/8"
B150300	1/4"	1-1/4"
B150700	3/8"	1-1/2"

## QUICK DISCONNECT PIN



Made of 304 Stainless Steel

P/N	Dia	Grip	Description
B160200	1/4"	1"	whole
B160300	1/4"	1"	Single Pin
B160400	1/4"	1"	Single Ring

## QUICK DISCONNECT RELEASE PIN



Made of 304 Stainless Steel

P/N	SIZE
B130110	1/4"*1"
B130215	1/4"*5/8"
B130310	5/16"*1-1/2"
B130565	5/16"*2-7/16"

# TEAK STEERING WHEEL

## TEAK STEERING WHEEL W/KNOB



Made of teak & stainless steel 304  
5-spoke Fits standard 3/4" tapered

P/N	Diameter	Degree
C040111T	11"	25
C040213T	13-1/2"	25
C040315T	15-1/2"	25
C040411T	11"	10
C040513T	13-1/2"	10
C040615T	15-1/2"	10

## TEAK STEERING WHEEL



Made of teak & stainless steel 304  
5-spoke 10 degree Fits standard 3/4" tapered

P/N	Diameter
C020611T	11"
C020713T	13-1/2"
C020815T	15-1/2"

## TEAK STEERING WHEEL



Made of teak & stainless steel 304  
5-spoke 25 degree Fits standard 3/4" tapered

P/N	Diameter
C030111T	11"
C030213T	13-1/2"
C030315T	15-1/2"

## WOODEN STEERING WHEEL



Made of teak  
Shaft hole 1"

P/N	Diameter
C150124T	24"



**TEAK SPORT WHEEL W/FINGER GRIPS & CONTROL KNOB**



Made of teak &  
stainless steel 304  
standard 3/4" tapered



P/N	Diameter
C070315T	15-1/2" with wooden knob
C070413T	13-1/2" with wooden knob
C070115T	15-1/2"
C070213T	13-1/2"

**TEAK STEERING WHEEL**



Made of teak &  
stainless steel 304  
standard 3/4" tapered



P/N	Diameter
C080113T	13-1/2" with wooden knob
C080215T	15-1/2" with wooden knob
C080313T	13-1/2"
C080415T	15-1/2"

**TEAK SPORT WHEEL W/FINGER GRIPS & CONTROL KNOB**



Made of teak &  
stainless steel 304  
standard 3/4" tapered



P/N	Diameter
C090115T	15-1/2"
C090213T	13-1/2"
C090315T	15-1/2" with wooden knob
C090413T	13-1/2" with wooden knob

**TEAK SAIL-BOAT WHEEL**



Made of teak &  
stainless steel 304  
Shaft hole 7/8"

P/N	Size	Hole
C110124T	24"	7/8"
C110226T	26"	7/8"
C110328T	28"	7/8"
C110430T	30"	7/8"
C110736T	36"	7/8"
C110634T	34"	7/8"
C110532T	32"	7/8"

**TEAK SAIL-BOAT WHEEL**

Made of teak &  
stainless steel 304  
Shaft hole 1"

P/N	Size	Hole
C110824T	24"	1"
C110926T	26"	1"
C111028T	28"	1"
C111130T	30"	1"
C111236T	36"	1"
C111334T	34"	1"
C111432T	32"	1"



**TEAK STEERING WHEEL**

Made of teak &  
stainless steel 316  
standard 5/8" tapered

P/N	Diameter
C130145T	450mm
C130255T	550mm
C130370T	700mm



**TEAK STEERING WHEEL**

Made of teak &  
stainless steel 316  
standard 3/4" tapered

P/N	Diameter
C130445T	450mm
C130555T	550mm
C130670T	700mm



# STEERING WHEEL

## STEERING WHEEL W/KNOB



Made of 304 Stainless Steel  
5-spoke 25 degree Fits  
standard 3/4' tapered  
shaft Comes with standard black  
center cap Highly Polished

P/N	Diameter
C050111	11"
C050315	15-1/2"
C050213	13-1/2"

## STEERING WHEEL



Made of 304 Stainless Steel  
5-spoke 25 degree Fits standard 3/4' tapered  
shaft Comes with standard black center cap  
Highly Polished

P/N	Diameter
C020213	13-1/2"
C020111	11"
C020315	15-1/2"

## STEERING WHEEL



Made of 304 Stainless Steel  
5-spoke 25 degree Fits  
standard 3/4' tapered  
shaft Comes with standard black  
center cap Highly Polished

P/N	Diameter
C030111	11"
C030315	15-1/2"
C030213	13-1/2"

## SPORT WHEEL W/FINGER GRIPS & CONTROL KNOB



Made of 304 Stainless Steel  
Highly Polished

P/N	Diameter	Shaft
C100115	15-1/2"	3/4"
C100213	13-1/2"	3/4"

## STEERING WHEEL w/black foam coating

Made of 304 Stainless Steel  
 5-spoke 25 degree Fits standard 3/4" tapered shaft Comes with standard black center cap  
 Highly Polished

P/N	Diameter
C060111	11"
C060315	15-1/2"
C060213	13-1/2"



## STEERING WHEEL W/KNOB

Made of 304 Stainless Steel  
 5-spoke 25 degree Fits standard 3/4" tapered shaft Comes with standard black center cap  
 Highly Polished

P/N	Diameter
C040111	11"
C040315	15-1/2"
C040213	13-1/2"



## SPORT WHEEL W/FINGER GRIPS & CONTROL KNOB

Made of 304 Stainless Steel  
 Highly Polished

P/N	Diameter	Shaft
C070115	15-1/2"	3/4"
C070213	13-1/2"	3/4"



## STEERING WHEEL

Made of 304 Stainless Steel  
 Highly Polished

P/N	Diameter	Shaft
C080215	15-1/2"	3/4"
C080113	13-1/2"	3/4"



**SPORT WHEEL W/FINGER GRIPS & CONTROL KNOB**



Made of 304 Stainless Steel

Highly Polished

P/N	Diameter	Shaft
C090115	15-1/2"	3/4"
C090213	13-1/2"	3/4"

**SAIL-BOAT WHEEL**



Made of 304 Stainless Steel

Highly Polished

P/N	Size	Hole	P/N	Size	Hole
C110124	24"	7/8"	C110824	24"	1"
C110226	26"	7/8"	C111130	30"	1"
C110328	28"	7/8"	C111028	28"	1"
C110430	30"	7/8"	C110926	26"	1"
C110736	36"	7/8"	C111436	36"	1"
C110634	34"	7/8"	C111334	34"	1"
C110532	32"	7/8"	C111232	32"	1"
			C111538	38"	1"

**TURNING KNOB**



Made of 304 Stainless Steel  
Highly Polished

P/N	Fits Rim Size
C010100	3/4"*1"
C010200	3/4"*1"



**CAP FOR WHEEL**



Made of Bakelite/Teak/Investment  
Cast 316 Stainless Steel

P/N	Material
C120100	Bakelite
C120200	Teak
C120300	Investment Cast S. S. 316
C120400	PC
C120500	W/304 CAP



**STEERING WHEEL**

Made of 304 Stainless Steel  
 6-Spoke wheel with black polyurethane rim  
 and grip  
 Including insert to adapt to no 2 different  
 shaft cones

P/N	Diameter
C130145	450mm
C130255	550mm
C130370	700mm



**STEERING WHEEL**

4-Spoke Rim features rich leather grain,  
 stitching and finger grips.  
 Fits all standard 3/4" tapered shafts

P/N	Diameter
C140113	13-1/2"



**Replacement Nut**

Made of 316Stainless Steel

P/N	Diameter
C090112	1/2"- 20 Replacement Nut
C090258	5/8"- 18 Replacement Nut
C090312	M12





# LADDER

## BOARDING LADDER



Made of 6063 Aluminum tube+polyethylene

P/N	Step
D010103	3
D010204	4
D010305	5

## OVER PLATFORM LADDER



Made of 304 Stainless Steel

P/N	Step	Deployed	Stowed	Width
D020102	2	23.5"	13.5"	10"
D020203	3	35"	14.5"	10"
D020304	4	45.5"	15.5"	10"
D020405	5	62.5"	16.5"	10"

## MOUNTING KITS FOR FOLDING LADDER



Made of 304 Stainless Steel

P/N	Length	Width	Thickness
D260100	2.5"	1"	5/32" (Plate only)
D260200	2.5"	1"	5/32" (Two Sets)

### TELESCOPIC BATHING LADDER

Made of 304 Stainless Steel

P/N	Step	Extended	Stowed	Width
D290102	2	604mm	354mm	358mm
D290203	3	880mm	374mm	358mm
D290304	4	1156mm	394mm	358mm



### SWIM LADDER

Made of 304 Stainless Steel

P/N	Step	Length	Dia.
D300104	4	2055mm	25mm



### SWIM PLATFORM W/LADDER

Made of 304 Stainless Steel

Platform T 0.75"\*W 18"\*D 14"

P/N	Step	Deployed	Stowed	Width
D030102	2	23.5"	13.5"	14"
D030203	3	35"	14.5"	14"
D030304	4	45.5"	15.5"	14"
D030301	1			14"



### DELUXE UNIVERSAL SWIM PLATFORM W/SIDE MOUNT TELESCOPING LADDER

Made of 304 Stainless Steel

Platform T 0.75"\*W 18"\*D 14"

P/N	Step	Deployed	Stowed	Width
D040102	2	23.5"	13.5"	12"
D040203	3	35"	14.5"	12"



**UNIVERSAL SWIM PLATFORM W/UNDER MOUNT TELESCOPING LADDER**



Made of 304 Stainless Steel  
Platform T 0.75"\*W 18"\*D 14"

P/N	Step	Deployed	Stowed	Width
D050102	2	23.5"	13.5"	12"
D050203	3	35"	14.5"	12"

**TELESCOPING TRANSOM MOUNT LADDER**



Made of 304 Stainless Steel

P/N	Step	Deployed	Stowed	Width
D060103	2+1	23.5"	13.5"	10"
D060204	3+1	35"	14.5"	10"

**DELUXE SLIDE LADDER**



Made of 304 Stainless Steel

P/N	Step	Deployed	Stowed	Width
D070102	2	23.5"	13.5"	10"
D070203	3	35"	14.5"	10"

**UNDER PLATFORM LADDER**



Made of 304 Stainless Steel

P/N	Step	Deployed	Stowed	Width
D080102	2	23.5"	13.5"	10"
D080203	3	35"	14.5"	10"

**FOLDING LADDER**

Made of 304 Stainless Steel

P/N	Step	Deployed	Stowed	Width
D090102	2+1	23.6"	12.6"	7.87"
D090202	2+2	34.6"	17.7"	9.25"
D090303	3+2	42.7"	28.7"	9.25"
D090402	2+3	42.7"	23.9"	10"
D090503	3+3	51.8"	28.7"	10"



**FOLDING LADDER**

Made of 304 Stainless Steel+Teak

P/N	Step	Deployed	Stowed	Width
D090102T	2+1	23.6"	12.6"	7.87"
D090202T	2+2	34.6"	17.7"	9.25"
D090303T	3+2	42.7"	28.7"	9.25"
D090402T	2+3	42.7"	23.9"	10"
D090503T	3+3	51.8"	28.7"	10"



**BOARDING LADDER**

Made of 304 Stainless Steel

P/N	Step	Deployed	Stowed	Width
D100103	3+2	51.2"	36.7"	10"
D100202	2+3	51.2"	27"	10"
D100303	3+3	60.2"	36.7"	10"



**THE BOW HANGING LADDER**

Made of 304 Stainless Steel

P/N	Step	Deployed	Stowed	Width
D110100	3	49.25"	37.25"	11.5"



## ARTHROSIS LADDER



Made of 304 Stainless Steel

P/N	Step	Deployed	Stowed	Width	Height Stowed
D120102	2+2	42"	28"	14"	7.7"
D120202	2+2	33.5"	17"	10"	4.8"

## DIVE LADDER



Made of 304 Stainless Steel

P/N	Step	Length	Width
D130103	3	34"	14"
D130204	4	44-3/4"	14"

## TELESCOPING SWIM LADDER



Made of 304 Stainless Steel

P/N	Step	Deployed	Stowed	Width
D140102	2	23"	14-1/2"	13-1/2"
D140203	3	33-1/8"	33-5/8"	13-1/2"
D140304	4	44-1/8"	19-1/2"	13-1/2"

## TELESCOPING SWIM LADDER



Made of 304 Stainless Steel

P/N	Step	Deployed	Stowed	Width
D150103	3	35"	15.5"	10"
D150204	4	45.5"	17"	10"

**CLAMP FOR LADDER**

Made of Nylon

P/N	Tube	Color
D170100	7/8"	Black
D170300	1-1/4"	Black
D170400	1-1/2"	Black
D170200	1"	Black



**FOLDING LADDER**

Made of 304 Stainless Steel

P/N	Step	Length	Width	Color
D180103	3	26.7"	9.1"	White
D180203	3	26.7"	9.1"	Black



**UNDER PLATFORM LADDER**

Made of 304 Stainless Steel

P/N	Step	Deployed	Stowed	Width
D190102	2	23.5"	13.5"	10"
D190203	3	35"	14.5"	10"



**UNDER PLATFORM LADDER**

Made of 304 Stainless Steel

P/N	Step	Deployed	Stowed	Width	Height Stowed
D200102	2	26"	17"	10"	5"
D200203	3	37"	18"	10"	6"





## COMPACT TRANSOM LADDER



Made of 304 Stainless Steel

P/N	Step	Length	Width
D210102	2	6.5"	15.5"

## BOX LADDERS



Made of 304 Stainless Steel

P/N	Step	Deployed	Stowed	BoxDimension
D220103	3	35"	14.5"	18"*16"*3.5"
D220204	4	45"	15.5"	19"*16"*3.5"

## TRANSOM GUDGEON



Made of 304 Stainless Steel

P/N	Width	Length	Tab
D230100	1.06"	4.5"	A
D230200	1.14"	5.75"	B
D230300	1.06"	4.5"	C
D230400	1.4"	5.75"	A
D230500	1.38"	5.75"	B
D230600	1.4"	5.5"	C
D230700	1.73"	6.5"	A
D230800	1.73"	6.5"	B
D230900	1.73"	6.5"	C

## TELESCOPING LADDER



Made of 304 Stainless Steel

P/N	Step	Deployed	Stowed	Width
D240103	3	27.5"	12"	11.5"
D240204	4	36.5"	12.4"	11.7"

### TELESCOPING DROP LADDER

Made of 304 Stainless Steel

P/N	Step	Deployed	Stowed	Width
D250103	3	35"	15"	16"
D250202	2	23.5"	14"	16"



### UNDER PLATFORM LADDER

Made of 304 Stainless Steel

P/N	Step	Deployed	Stowed	Width
D270102	2	23.5"	13.5"	10"
D270203	3	35"	14.5"	10"
D270304	4	45.5"	15.5"	10"



### TELESCOPING DROP LADDER W/HANDLE

Made of 304 Stainless Steel

P/N	Step	Deployed	Stowed	Width
D280102	2	35"	13-1/2"	10"
D280203	3	34-3/16"	14-7/8"	10"
D280304	4	45-5/8"	15-5/8"	10"



### FOLDING BATHING LADDER

Made of 304 Stainless Steel

P/N	Step	Deployed	Stowed	Width
D300103	3	950 mm	500 mm	270 mm



## TELESCOPING DROP LADDER



Made of 304 Stainless Steel

P/N	Step	Width	Height
D290101	1	11"	13.5"

## UNDER PLATFORM LADDER

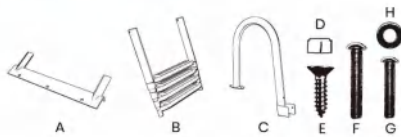


Made of 304 Stainless Steel

P/N	Step	Deployed	Stowed	Width
D320104	4	48.3"	18"	15"

## SWIM DECK LADDER

- A L-Shaped Plate
- B The Steps
- C Handrail
- D Nuts 2pcs
- E M8\*40 Self-Tapping Screw 7pcs
- F M8\*60 Pan-head cross Bolts 2pcs
- G M8\*50 Pan-head cross Bolts 2pcs
- H Nylon Spacer 4pcs



Made of 304 Stainless Steel

On the base of D320104,

You can assemble all the parts of this ladder by yourself

P/N	Step	Deployed	Stowed	Width
D320204	4	48.3"	18"	14"

## TELESCOPIC DINGHY BATHING LADDER



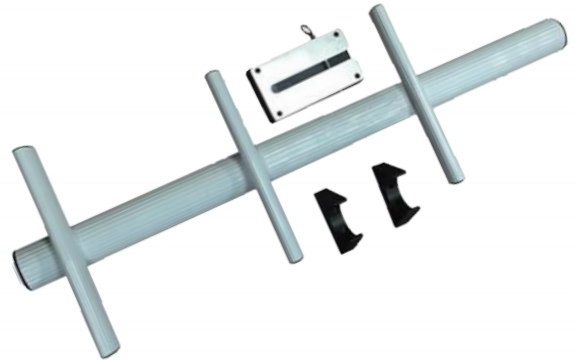
Made of 304 Stainless Steel

P/N	Step	Deployed	Stowed	Width
D310104	3+1	1250 mm	750 mm	290 mm

## WHITE ALUMINUM DIVER LADDER

Made of Aluminum,with mounting brackets  
Capacity:275 pounds

P/N	Steps	Length	Width
D440102AL	2	27"	12-1/4"
D440203AL	3	38"	12-1/4"
D440304AL	4	48"	12-1/4"



## GUNWALE MOUNT LADDERS

Made of 304 stainless steel

P/N	Step	deployed length	stowed length	width
D500204	2+2	45-1/2"	28-3/8"	13-3/4"
D500105	2+3	55.8"	38"	13-3/4"
D500306	3+3	65"	38"	13-3/4"



## MOUNTING SOCKETS

D500418-P

Surface Mounting Sockets brackets for  
Removable Folding Transom, 3 1/2" Length x 1 1/2" Width



## POP-N-LOCK LADDER

Made of 304 stainless steel

P/N	Step	Deployed length	Width
D072603	3	35"	12"



### ALUMINUM FOLDING LADDER



Made of Aluminum

P/N	Step	Deployed	Stowed	Width
D410104AL	2+2	42"	22.8"	13.8"

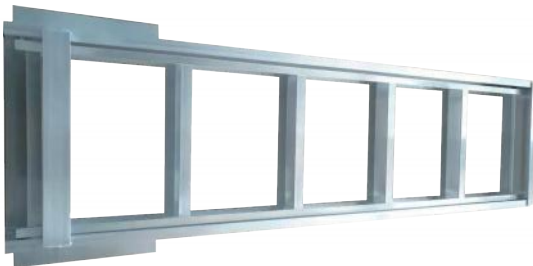
### ALUMINUM FIXED LADDER



Made of Aluminum

P/N	Step	Length	Width
D420103AL	3	52.4"	18"
D420204AL	4	63.8"	18"
D420305AL	5	75.2"	18"

### ALUMINUM FOLDABLE LADDER



Made of Aluminum

P/N	Step	Length	Width
D430105AL	5	58.4"	19.7"

### ALUMINUM FOLDING LADDER



Made of Aluminum+Polyethylene

P/N	Step	Length	Width
D400104AL	2+2	43.6"	13.6"

## ROBUST TELESCOPING BATHING LADDER

Made of 304 Stainless Steel.  
Oval steps with black plastic.  
Slides in and folds up.

P/N	Step	Deployed	Stowed	Width
D310304	3+1	880 mm	380 mm	300 mm



Ladder

Made of aluminum

P/N	Step	Length	Width
D450103AL	3	31"	14.65"



## VERTICAL TRANSOM MOUNTING FOR SPORT DIVER LADDER

Made of 304 stainless steel

P/N	Width	Height	Depth
D160100	2.5"	8.5"	3.33"





### TEFLON OVER PLATFORM LADDER (Black Color)



Made of 304 Stainless Steel and Teflon surface

P/N	Step	Deployed	Stowed	Width
D020102TBL	2	23.5"	13.5"	10"
D020203TBL	3	35"	14.5"	10"
D020304TBL	4	45.5"	15.5"	10"
D020405TBL	5	62.5"	16.5"	10"

### TEFLON OVER PLATFORM LADDER (Blue Color)



Made of 304 Stainless Steel and Teflon surface

P/N	Step	Deployed	Stowed	Width
D020102TB	2	23.5"	13.5"	10"
D020203TB	3	35"	14.5"	10"
D020304TB	4	45.5"	15.5"	10"
D020405TB	5	62.5"	16.5"	10"

### TEFLON OVER PLATFORM LADDER (White Color)



Made of 304 Stainless Steel and Teflon surface

P/N	Step	Deployed	Stowed	Width
D020102TW	2	23.5"	13.5"	10"
D020203TW	3	35"	14.5"	10"
D020304TW	4	45.5"	15.5"	10"
D020405TW	5	62.5"	16.5"	10"

**Exclusive patent**

patent number : 202130591452.2

# HANDRAIL

## OVAL HANDRAIL

Made of 304 Stainless Steel

P/N	Length	Stud	Oval Tube
E010112	12"	5/16"*2"	1"*3/4"
E010116	16"	5/16"*2"	1"*3/4"
E010218	18"	5/16"*2"	1"*3/4"
E010120	20"	5/16"*2"	1"*3/4"
E010324	24"	5/16"*2"	1"*3/4"



## OVAL HANDRAIL

Made of 304 Stainless Steel

P/N	Length	screw thread	Oval Tube
E020112	12"	5/16"	1"*3/4"
E020116	16"	5/16"	1"*3/4"
E020218	18"	5/16"	1"*3/4"
E020324	24"	5/16"	1"*3/4"



## ROUND HANDRAIL

Made of 304 Stainless Steel

P/N	Length	Stub	Tube
E030112	12"	5/16"*2"	7/8"
E030116	16"	5/16"*2"	7/8"
E030218	18"	5/16"*2"	7/8"
E030324	24"	5/16"*2"	7/8"



## CAST HANDRAIL

Made of 316 Stainless Steel

P/N	Length	Height
E080100	11.8"	2"



**ROUND HANDRAIL**



Made of 304 Stainless Steel

P/N	Length	Screw thread	Tube
E030412	12"	1/4"	7/8"
E030416	16"	1/4"	7/8"
E030518	18"	1/4"	7/8"
E030624	24"	1/4"	7/8"

**ROUND HANDRAIL**



Made of 304 Stainless Steel

P/N	Length	Stud	Round Tube
E040108	8"	5/16"*3-1/4"	7/8"
E040208	8"	5/16"*2"	7/8"
E040313	13"	5/16"*1-1/2"	7/8"

**HANDRAIL+SKI TOW w/stud**



Made of 304 Stainless Steel

P/N	Length	Stud	Oval Tube
E050124	24"	5/16"*1-1/4"	1"*7/8"

**HANDRAIL w/stud & finger grip**



Made of 304 Stainless Steel

P/N	Length	Stud	Round Tube
E060108	8-5/8"	5/16*2"	1"
E060212	12"	5/16*2"	1"
E060324	24"	5/16*2"	1"
E060416	16"	5/16*2"	1"
E060518	18"	5/16*2"	1"

**CAST HANDRAIL**

Made of 316 Stainless Steel

P/N	Length	Height
E070100	6.7"	1.6"



**OVAL HANDRAIL**

Made of 304 Stainless Steel

P/N	Length	Screw Thread	Oval Tube
E110109	9"	1/4"	1"*7/8"
E110212	12"	1/4"	1"*7/8"
E110316	16"	1/4"	1"*7/8"
E110418	18"	1/4"	1"*7/8"
E110524	24"	1/4"	1"*7/8"



**ROUND HANDRAIL**

Made of 304 Stainless Steel

P/N	Length	Hole	Round Tube
E090112	12"	1/4"	7/8"
E090216	16"	1/4"	7/8"
E090318	18"	1/4"	7/8"
E090424	24"	1/4"	7/8"



**OVAL HANDRAIL**

Made of 304 Stainless Steel

P/N	Length	Stud	Round Tube
E100110	10"	5/16*2"	7/8"
E100212	12"	5/16*2"	7/8"
E100316	16"	5/16*2"	7/8"
E100418	18"	5/16*2"	7/8"



**ASSIST HANDRAIL**



Made of Stainless Steel and Solid Acrylic.

P/N	Length	Fuction
E086433-00	20"	Unlit handle
E086433-WH	20"	White LED Illumination

**ASSIST HANDRAIL**



Made of Stainless Steel and Solid Acrylic.  
 Available lengths: 13" , 18" , 24" & 34.75"  
 High output is 200% brighter than the standard output.  
 CL= White Standard Output|OO = Unlit Handle |  
 WH = White High Output |  
 BL= Blue High Output

P/N	Length	Feature(can be choosed)
E086435-12	12"	OO/CL/WH/BL
E086435-18	18"	OO/CL/WH/BL

**TEAK ROUND HANDRAIL**



Made of teak & stainless steel 304

P/N	Length	Screw thread	Tube
E030412T	12"	1/4"	7/8"
E030416T	16"	1/4"	7/8"
E030518T	8"	1/4"	7/8"
E030624T	24"	1/4"	7/8"

**TEAK OVAL HANDRAIL**



Made of teak & stainless steel 304

P/N	Length	Stud	Oval Tube
E100212T	12"	5/16"*2"	1"*3/4"
E100316T	16"	5/16"*2"	1"*3/4"
E100318T	18"	5/16"*2"	1"*3/4"
E100424T	24"	5/16"*2"	1"*3/4"

**TEAK ROUND HANDRAIL**

Made of teak & stainless steel 304

P/N	Length	Stub	Tube
E030112T	12"	5/16"*2"	7/8"
E030116T	16"	5/16"*2"	7/8"
E030218T	18"	5/16"*2"	7/8"
E030324T	24"	5/16"*2"	7/8"



**TEAK OVAL HANDRAIL**

Made of teak & stainless steel 304

P/N	Length	Screw Thread	Round Tube
E101212T	12"	1/4"	7/8"
E101316T	16"	1/4"	7/8"
E101418T	18"	1/4"	7/8"
E101524T	24"	1/4"	7/8"



**ALUMINUM HANDLE WITH GRIPS/POLISHED FINISHED**

Made of 6463-T5 Aluminum

P/N	Length
E250914AL	14"
E250918AL	18"
E250924AL	24"
E250936AL	36"





# DRINK HOLDER

## FLUSH CUP HOLDER

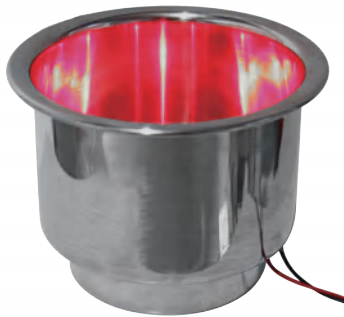


Made of 304 Stainless Steel

P/N	Height	W/Pad Gasket	Flange	Nipple
F010114	3-3/4"	φ 2-13/16" φ 3-1/4"	4-1/4"	1/4"
F010238	3-3/4"	φ 2-13/16" φ 3-1/4"	4-1/4"	3/8"

## LED FLUSH CUP HOLDER

Made of 304 Stainless Steel



P/N	Height	W/Pad Gasket	Flange	Nipple	LED Color
F020114	3-3/4"	φ 2-13/16" φ 3-1/4"	4-1/4"	1/4"	Blue
F020214	3-3/4"	φ 2-13/16" φ 3-1/4"	4-1/4"	1/4"	Red
F020338	3-3/4"	φ 2-13/16" φ 3-1/4"	4-1/4"	3/8"	Blue
F020438	3-3/4"	φ 2-13/16" φ 3-1/4"	4-1/4"	3/8"	Red
F020514	3-3/4"	φ 2-13/16" φ 3-1/4"	4-1/4"	1/4"	Green
F020638	3-3/4"	φ 2-13/16" φ 3-1/4"	4-1/4"	3/8"	Green

## FOLD-UP DRINK HOLDERS



Adjustable and made of ABS

P/N	Length	Depth	Width	Color
F030100	4"	13/16"	3-7/8"	Chrome
F040100	4"	13/16"	3-7/8"	White
F040200	4"	13/16"	3-7/8"	Black
F040300	4"	13/16"	3-7/8"	Gray

## FOLD-UP DRINK HOLDER



Made of 304 Stainless Steel And Adjustable

P/N	Length	Depth	Width
F050100	4"	13/16"	3-7/8"

**DRINK HOLDER**

Made of 316 Stainless Steel  
 1/4\*4"O.D. solid rings 1/4"\*7/8"thread studs  
 2-1/2"above deck when installed

P/N	Rings	Total Length
F080200	2	16-3/4"



**DRINK HOLDER**

Made of 304 Stainless Steel

P/N	Height	Hole OD	Hole	Nipple
F010383	3-3/4"	4"	3-3/4"	3/8"



**DRINK HOLDER**

Made of plastic Polypropylene

P/N	Height	Hole OD	Hole	Nipple	Color
F100100	3-3/4"	3-5/16"	3"	3/8"	White
F100200	3-3/4"	3-5/16"	3"	3/8"	Black



**SWIVEL DRINK HOLDER**

Made of chrome plated mug holder with foam insulator  
 LOGO can be customized.

P/N	SS Holder ID	Foam Cup ID
F110100	85mm	65mm



**DRINK HOLDERS**



Made of 316 Stainless Steel  
 FOLD-UP DRINK HOLDER  
 Made of Plastic Polypropylene+S.S.304  
 P/N Length Width Height  
 F090100 3-3/4" 3-3/4" 3-3/4"  
 5/16"4-1/8" O.D. solid rings 5/16"2" thread studs  
 2" above deck when installed

P/N	Rings
F060100	1
F060200	2
F060300	3

**DRINK HOLDERS**



Made of 316 Stainless Steel  
 3-1/2" I. D. Solid Rings 1/4" Thread Holes

P/N	Rings
F070100	1
F070200	2

**DRINK HOLDERS**



Made of 304 Stainless Steel  
 5/16"4-1/8" O.D. Solid Rings 5/16"2" Thread Studs  
 2" Above Deck When Installed

P/N	Rings
F080100	1

**FOLD-UP DRINK HOLDER**



Made of Plastic Polypropylene+S.S.304

P/N	Length	Width	Height
F090100	3-3/4"	3-3/4"	3-3/4"

# THRU-HULL TRIM COVER



Nylon #66 compound with 30% fiber glass body  
 W/Stainless steel 316 trim cover  
 Black, white, gray, can choose

straight

90 degree

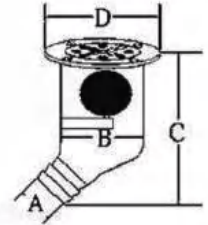
P/N	Hose	Flange	Install,Hole	P/N	Hose	Flange	Install,Hole
H010134	3/4"	1-7/8"	1-3/8"	H030234	3/4"	1-7/8"	1-3/8"
H010258	5/8"	1-7/8"	1-3/8"	H030158	5/8"	1-7/8"	1-3/8"
H010310	1"	1-7/8"	1-3/8"	H030310	1"	1-7/8"	1-3/8"
H010418	1-1/8"	1-7/8"	1-3/8"	H030418	1-1/8"	1-7/8"	1-3/8"
H010514	1-1/4"	2-3/8"	1-5/8"	H030514	1-1/4"	2-3/8"	1-5/8"
H010612	1-1/2"	2-3/8"	1-5/8"	H030612	1-1/2"	2-3/8"	1-5/8"
H010720	2"	3-1/4"	2-1/3"	H030234	3/4" (short)	1-7/8"	1-3/8"

## DECK DRAIN SCUPPER



Made of 316 Stainless Steel; Connection: 38mm  
With removable cover (Key supplied).  
The integrated ball prevents water from flowing back.

P/N	A	B	C	D
H480500	38mm	58mm	115mm	91mm



## STAINLESS STEEL MIDGET VENTILATOR



Made of 316 Stainless Steel

P/N	Length	Width	Height
H470300	118mm	120mm	45mm

## VENTILATOR



Made of 304 Stainless Steel

P/N	Width	Length	Height	Finish
H040140	3-7/8"	4-1/3"	1-3/4"	Polish
H040240	3-7/8"	4-1/3"	1-3/4"	Coating

## CLAMSHELL VENT



Made of 304 Stainless Steel

P/N	Width	Length	Height	Thk
H040313	1-5/8"	1-3/4"	1/2"	0.022"
H040418	2-1/8"	2-1/4"	5/8"	0.023"
H040534	1-1/4"	1-1/2"	1/2"	0.047"
H040612	1-1/2"	1-1/2"	1/2"	0.078"

## 10 degree Thru-Hull w/SS Trim Cover

Nylon #66 compound with 30% fiber glass body  
 W/Stainless steel 316 trim cover  
 Black, white, gray, can choose  
 Prevent water infusion

P/N	Hose	Flange	Install Hole
H460101	1-1/2"	3-1/4"	2-1/3"



## Thru-Hull w/SS Trim Cover

Nylon #66 compound with 30% fiber glass body  
 W/Stainless steel 316 trim cover  
 Black, white, gray, can choose  
 Prevent water infusion

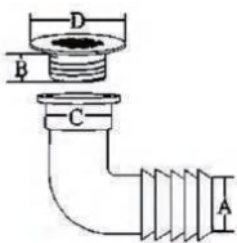
P/N	Hose	Flange	Install Hole
H460202	2"	3-1/4"	2-1/3"



## Thru-Hull w/SS Trim Cover

Nylon #66 compound with 30% fiber glass body  
 W/Stainless steel 316 trim cover  
 Black, white, gray, can choose  
 Prevent water infusion

P/N	Flange	Install Hole
H460302	3-1/4"	2-1/3"



Made of 316 Stainless Steel

P/N	A	B	C	D
H480100	16mm	15mm	36mm	42mm
H480200	19mm	15mm	36mm	42mm
H480300	25mm	15mm	36mm	42mm
H480400	38mm	33mm	63mm	90mm (Plastic Elbow)

## DISCHARGE 90°W/GRID





## HAND OIL PUMP



Made of solid brass with removable tubing for ease of operation and cleaning

P/N	Pump Body Length	Pump Body Diameter
H050100	6-1/4"	φ 1-1/4"

## MANUAL OPERATED BILGE PUMP



1-1/8 I. D. hose six strokes pump out one gallon of water  
 ABS plastic pump with flexible polyethylene hose  
 Bottom cap is removable for easy cleaning

P/N	Pump Body Length	Pump Body Diameter	Color
H060118	18"	φ 1/3/4"	yellow
H060124	24"	φ 1/3/4"	yellow
H060224	24"	φ 1/3/4"	blue
H060336	36"	φ 1/3/4"	blue

## GEAR LUBE PUMP



For use with 32 oz. gear lube bottles,  
 metric adapter included  
 Apply to each brand outboard engine

P/N H180100

## BILGE HOSE



Made of PE plastic

P/N	Description	Color
H070134	3/4"x200 Feet	Black
H070234	3/4"x200 Feet	White
H070318	1-1/8"x200 Feet	Black
H070418	1-1/8"x200 Feet	White
H070514	1-1/4"x100 Feet	Black
H070614	1-1/4"x100 Feet	White
H070712	1-1/2"x100 Feet	Black
H070812	1-1/2"x100 Feet	White
H070920	Eddy 2"x25 Feet	Black
H071020	Eddy 2"x25 Feet	White

**DECK FILL CAST**

Made of 316 Stainless Steel. Key Supplied.

P/N	Hose	Description
H490100	1-1/2"	FUEL



**WATER PUMPING HOSE**

Made of Plastic Polypropylene

P/N	Hose Dia.	Length
H460113	13mm	1700mm
H460222	22mm	1700mm



Made of 316 Stainless Steel

P/N	Hose	Flange	Install Hole	Description
H100100	1-1/2"	3"	1-3/4"	GAS
H100200	1-1/2"	3"	1-3/4"	DIESEL
H100300	1-1/2"	3"	1-3/4"	WATER
H100400	1-1/2"	3"	1-3/4"	WASTE
H100500				Key only
H100600				Replacement Cap



**DECK FILL CAST**



**30° DECK FILL CAST**

Made of 316 Stainless Steel

P/N	Hose	Flange	Install Hole	Description
H450100	1-1/2"	3"	1-3/4"	GAS
H450200	1-1/2"	3"	1-3/4"	DIESEL
H450300	1-1/2"	3"	1-3/4"	WATER
H450400	1-1/2"	3"	1-3/4"	WASTE



## GARBOARD DRAIN LUG



Made of 316 Stainless Steel

P/N	Diameter	Description
H080112	ϕ 2"	Complete Set 2"x1/2"NPT
H080212	1/2"	Replacement Plug 1/2"NPT

## VENTILATOR



Made of 304 Stainless Steel+Plastic Base  
2-1/4"above deck when installed

P/N	Diameter
H090100	7-5/8"

## DECK FILL PLATE



Made of 316 Stainless Steel. Locking cap is marked " GAS" .  
Includes 2 keys.  
Mount with #10 screws.

P/N	Hose	Description
H500100	1-1/2"	GAS

## DECK ENTRY



Made of 316 Stainless Steel

P/N	Hose	Depth	Description
H510100	1-1/2"	3-1/2"	DIESEL
H510200	1-1/2"	3-1/2"	WATER

**DECK FILL CAST**

Made of 316 Stainless Steel. Key Supplied.  
Cap Diameter: 1-1/4".

P/N	Hose Dia.	Flange	Angle	Description
H100101	38mm	76mm	0°	Gas
H100102	38mm	76mm	0°	Diesel
H100103	38mm	76mm	0°	Water
H100104	38mm	76mm	0°	Waste
H100105	38mm	76mm	0°	Fuel
H100106	38mm	76mm	0°	Oil
H100107	38mm	76mm	0°	Petrol



**SNAP DRAIN PLUG**

Made of Brass & S.S.304

P/N	Diameter	Material
H110110	1"	Brass
H110214	1-1/4"	Brass
H110325	1"	S. S. 304
H110414	1-1/4"	S. S. 304



**T-HANDLE DRAIN PLUG**

Made of Brass & S.S.304

P/N	Diameter	Material
H110525	1"	Brass
H110632	1-1/4"	Brass
H110725	1"	S. S. 304
H110832	1-1/4"	S. S. 304



**DRAIN TUBE**

Made of Brass/s.s.304

P/N	Sleeve	Material
H110932	1-1/4"*3"	Brass
H111032	1-1/4"*3-7/8"	Brass
H111125	1"*3"	Brass
H111225	1"*3-1/2"	Brass
H111325	1"*3-7/8"	Brass
H111425	1"*1-7/8"	Brass
H111525	1"*3-7/8"	S. S. 304



## SUZUKI FEMALE FITTING



Made of 304 Stainless Steel

P/N	Description
H200141	1/4" Barb
H200265	5/16" Barb
H200338	3/8" Barb

## NISSAN FITTING



Made of 304 Stainless Steel

P/N	Description
H210141	Male 1/4" NPT
H210265	Female 5/16" Barb
H210383	Female 3/8" Barb

## HONDA FITTING



Made of 304 Stainless Steel

P/N	Description
H210441	Male 1/4" NPT
H210583	Female 3/8" Barb

## CHRYSLER/FORCE CONNECTOR



Made of 304 Stainless Steel

P/N	Description
H190141	Male 1/4" NPT
H190265	Female 5/8" Barb
H190385	Female 3/8" Barb

## DRAIN PLUG

Made of Nylon plastic

P/N	Description	Flange Size
H120110	Drain plug	1"
H120200	plug and gasket	



## IN-LINE FUEL FILTER

Made of Molded white plastic.

P/N	Barb	Application
H130141	1/4"	Mercury 35-16494 and 35-816296Q2
H130265	5/16"	Mercury 35-816296-1, 35-16494, J/E 398327
H130383	3/8"	J/E 398319



## MERCURY VERADO FILTER ELEMENT

Fits the Verado outboard replaceable  
H150200 Fuel/Water Separator Kit  
cartridge fuel filter

P/N H160100



## FUEL FILTER

1/4 to 3/8 inch universal in-line filter

P/N	Description
H170100	Fuel Filter complete Set
H170101	Replacement Filter elements





**MOTOR FLUSHER**



Universal motor flusher allows the cooling system to be flushed out using a garden hose. Quickly flushes away salt, sand, silt, and alkali to prevent clogging and corrosion.

P/N	Description
H220100	Round Cap
H220200	Rectangular Cap

**MOTOR FLUSHER**



Universal motor flusher allows the cooling system to be flushed out using a garden hose. Quickly flushes away salt, sand, silt, and alkali to prevent clogging and corrosion.

P/N	Description
H220300	Round Cap
H220400	Rectangular Cap
H220400R	Rectangular Cap (Rubber)
H220400RG	Blue Rectangular Cap

**DRAIN COVER**



Made of 304 Stainless Steel

P/N	Size
H230100	3-1/4"

**BUTTERFLY VENT-CENTER KNOB**



Made of 304 Stainless Steel

P/N	Diameter	Thickness
H240100	4"	0.05"
H240200	5"	0.05"

## UNIVERSAL FUEL LINE ASSEMBLY

Primer bulb with hose

P/N	Hose Length	Hose Dia.
H210941	118"	1/4"
H211065	118"	5/16"
H211183	118"	3/8"



## PRIMER BULB

P/N	Description
H210641	1/4" Hose
H210765	5/16" Hose
H210883	3/8" Hose



## UNIVERSAL FUEL LINE ASSEMBLY

Primer bulb with hose and Yamaha connector

P/N	Hose Length	Hose Dia.
H211241	118"	1/4"
H211265	118"	5/16"
H211283	118"	3/8"



## MOTOR FLUSHER

Universal motor flusher allows the cooling system to be flushed out using a garden hose shunting with the SS. 304 hose. Quickly flushes away salt, sand, silt and alkali to prevent clogging and corrosion.

P/N	Description
H220410	Rectangular Cap
H220310	Round Cap
H220510RG	Orange Rectangular Cap



## STAMPED LOUVERED VENT



Made of 304 Stainless Steel

P/N	Width	Length	Thickness
H290100	5"	9"	0.03"
H290200	2.56"	5"	0.03"
H290300	4.53"	5"	0.03"
H290400	4.53"	9.13"	0.03"

## LOUVERED VENT



Made of 304 Stainless Steel

P/N	Width	Length
H300100	6-1/3"	9-1/2"

## LOUVERED VENT



Made of 304 Stainless Steel

P/N	Slots	Length	Width	Height
H310100	3	8-1/4"	4-3/8"	1-1/2"
H310200	4	10"	4-3/8"	1-1/2"
H310300	5	12-7/8"	4-3/8"	1-1/2"

## LOUVERED VENT



Made of 304 Stainless Steel

P/N	Slots	Length	Width	Height
H320100	6	12-7/8"	3"	1-1/4"
H320200	7	14-7/8"	3"	1-1/4"
H320300	8	16-13/16"	3"	1-1/4"
H320400	10	20-3/4"	3"	1-1/4"
H320500	4	8-1/8"	4-7/16"	1-1/2"
H320600	6	12-7/8"	4-7/16"	1-1/2"
H320700	10	20-13/16"	4-7/16"	1-1/2"

### BUTTERFLY VENT-SIDE KNOB VENT

Made of 304 Stainless Steel

P/N	Diameter	Thickness
H250100	4"	0.05"
H250200	5"	0.05"



### ROUND LOUVERED VENT

Made of 304 Stainless Steel

P/N	Diameter	Thickness
H260100	4"	0.04"
H260200	5"	0.04"
H260300	6"	0.04"



### THRU VENT

Made of 304 Stainless Steel

P/N	Size	Thickness
H270100	4"*4"	0.04"
H270200	5"*5"	0.04"



### HOSE VENT

Made of 304 Stainless Steel

P/N	Hose Dia	Flange Size	Height
H280100	4"	5"*5"	3"
H280200	3"	4"*4"	2-7/16"



**DECK PLATE KEY**



Made of 304 Stainless Steel

P/N	Length
H370100	7"

**OVAL DRAIN PLUG**



Made of 316 Stainless Steel

P/N	Flange	Install Hole
H430100	2-1/5"*1-1/2"	1-1/8"

**OVAL DRAIN PLUG w/plastic cap**



Made of 316 Stainless Steel And Plastic

P/N	Flange	Install Hole
H430200	2-1/5"*1-1/2"	1-1/8"

**EXHAUST FITTING**



Made of 316 Stainless Steel

P/N	Hose	Flange	Install Hole	Total Length
H440100	1-1/2"	3-1/8"	2-1/4"	5-1/2"
H440200	2"	3-1/8"	2-1/4"	4-1/2"
H440300	3"	4-5/8"	3-1/2"	5-3/4"

**EXHAUST OUTLET**

Made of 304 Stainless Steel

P/N	Hose Dia	Fastener
H330100	3"	1/4FH
H330200	3-1/2"	1/4FH
H330300	4"	1/4FH



**EXHAUST OUTLET**

Made of 304 Stainless Steel

P/N	Hose Dia	Fastener
H340100	3"	1/4FH
H340200	3-1/2"	1/4FH
H340300	4"	1/4FH



**TRANSOM EXHAUST PIPE**

Made of 304 Stainless Steel

P/N	Hose Dia	Fastener	Length
H350100	1-1/2"	3-1/4"	4-9/16"
H350200	1-7/8"	3-5/8"	5-9/16"
H350300	2-1/2"	4-1/8"	5-9/16"
H350400	3"	4-3/4"	4-15/16"



**DECK PLATE**

Made of 316 Stainless Steel

P/N	Flange	Plate ID
H360100	4-11/16"	3"
H360200	4-9/16"	4"
H360300	(Key Only)	

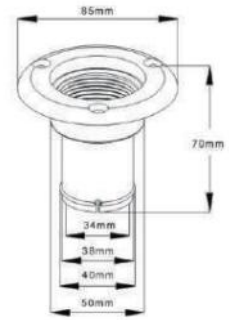


## WATER DECK FILLER



Made of Plastic

P/N	Color
H100301SB	Black
H100301SW	White

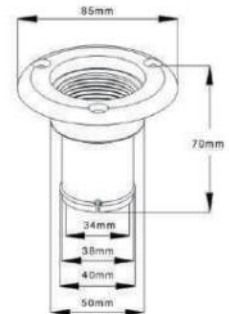


## FUEL DECK FILLER



Made of Plastic

P/N	Color
H100101SB	Black
H100101SW	White



## FLOOR FILLER



Made of 316 Stainless Steel

P/N	Dia.
H520038	3/8"
H520012	1/2"
H520034	3/4"
H520112	1-1/2"
H520114	1-1/4"
H520010	1"
H520020	2"

## BALL VALVES



Made of PVC

P/N	SPEC	Innner Did
H031100	Without thread	50mm
H031101	With the thread	50mm



### FUEL TANK VENT ROUND HEAD

Made of 304 Stainless Steel

P/N	Hose	Length Thread	Height
H480185	5/8"	1-2/5"	3"



### FUEL TANK VENT ROUND HEAD,90 Degree

Made of 304 Stainless Steel

P/N	Hose	Length Thread	Flange
H470134	3/4"	1-1/8"	2"
H470285	5/8"	1-1/8"	1-3/4"



### FUEL TANK VENT ROUND HEAD,90 Degree

Made of 304 Stainless Steel

P/N	Hose	Length Thread
H460134	3/4"	1-1/8"
H460285	5/8"	1-1/8"



### MARINE THREADING PROTECTIVE SLEEVE

P/N	Color	Size
H460201B	Black	102*120
H460201W	White	102*120



## DECK DRAIN SCUPPER



Made of 316 stainless steel

P/N  
H480600

## SKIN FITTING



Made of 316 stainless steel

P/N	Dia
H110100	1-1/4" X 38MM
H110200	1/2" X 18MM

## SKIN FITTINGS STRAIGHT



Made of 316 Stainless Steel

P/N	Hose	Flange	Install Hole	Total Length
H410200	3/4"	1-1/4"	7/8"	2-5/8"

## FUEL FILTER / WATER SEPARATOR



P/N  
H050202

### UF-10K FUEL FILTER

P/N  
H050201



### EXHAUST SYSTEM SS316

P/N      NECK  
H024145      45mm



### DIE CAST ANODISED ALUMINIUM BASE

P/N  
H024205      Conical



# LIFT HANDLE

## FLUSH LIFT RING



Made of 316 Stainless Steel

P/N	Width	Length
J370100	1-1/2"	1-15/16"
J370200	1-7/8"	2-1/2"

## LIFTING RING



Made of 316 Stainless Steel

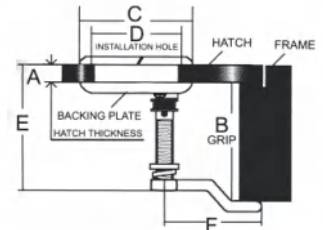
P/N	Width	Length
J380100	3"	2-1/4"

## GRAND COMPRESSION LATCH WATERTIGHT



Made of 316 Stainless Steel

P/N	A	B	C	D	E	F
J510200	8-25mm	22-76mm	60mm	50mm	71mm	54mm

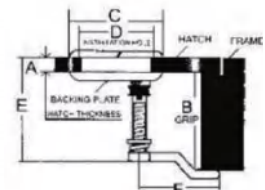


## WATERTIGHT ROUND GRAND COMPRESSION LATCH



Made of chrome T-handle and black polymer body

P/N	A	B	C	D	E	F
J610100	3-19mm	19-60mm	75mm	63.5mm	58mm	60mm



### SPRING LOADED FLUSH LIFT HANDLE

Made of 304 Stainless Steel

P/N	Height	Width	Length
J030100	5/16"	2-3/16"	3"



### SPRING LOADED FLUSH LIFT HANDLE

Made of 304 Stainless Steel

P/N	Height	Width	Length	Spring
J050100	7/16"	2-3/16"	2-9/16"	Yes
J050200	7/16"	1-1/2"	1-3/4"	Yes
J050300	3/8"	2-3/16"	2-9/16"	No



### SPRING LOADED FLUSH LIFT HANDLE

Made of 304 Stainless Steel

P/N	Height	Width	Length
J080100	5/16"	2-3/16"	3"



### HATCH COVER PULL

Made of 304 Stainless Steel

P/N	Dia.	Length	Base Dia.	Washer
J020100	1/4"	3-3/1"	1-1/4"	Optional
J020200	1/4"	4-1/2"	1-1/4"	Optional



## LIFT HANDLE



Made of 316 stainless steel

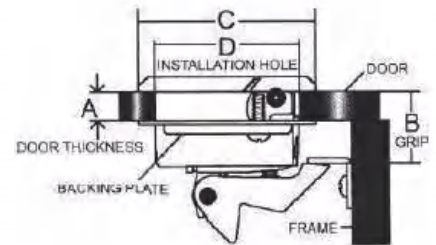
P/N  
J510600

## HATCH LOCK



Made of 316 Stainless Steel

P/N	A	B	D
J510100	9-22mm	19-25mm	45mm



## GIMBALS



Made of 304 Stainless Steel  
Flat surface type

P/N  
J600100

## CHAIN CONNECTOR



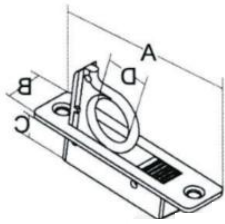
P/N	SIZE
J024370	6MM
J024371	8MM



**ROUND HATCH HANDLE**

Made of 316 stainless steel

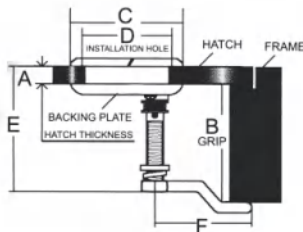
P/N	Face Size	Length	Hole
J510400	2-3/8"	3-3/4"	2"



**FLUSH HATCH PULL RING**

Made of 316 stainless steel

P/N	A	B	C	D
J620100	83mm	21m	12+16 (ring) mm	19mm



**SPRING LOADED FLUSH LIFT HANDLE / LOCK**

Made of 316 Stainless Steel

P/N	A	B	C	D	E	F
J510300	8-25mm	22-76mm	60mm	50mm	71mm	54mm



# HINGES

## STRAP HINGE



Precision cast 316 stainless steel polished

P/N	Width	Length	Thickness
J280104	1"	4"	0.177"
J280305	1"	5-3/16"	0.177"
J280206	1"	6-1/3"	0.177"

## DOOR HINGE



Precision cast 316 stainless steel polished

P/N	Width	Length	Thickness
J290115	1-1/2"	1-1/2"	0.177"
J290220	2"	2"	0.177"

## DOOR HINGE



Precision cast 316 stainless steel polished

P/N	Width	Length	Thickness
J300113	1-1/2"	3"	0.177"
J300123	1-1/2"	3-1/2"	0.177"
J300214	1-1/2"	4"	0.177"

## BUTT HINGE



Made of 304 Stainless Steel

P/N	Width	Length	Thickness
J320100	1-1/2"	2-1/4"	2mm

UTILITY HINGE

Made of 304 Stainless Steel

P/N	Width	Length	Fastener
J300314	1-1/2"	3"	#8



DOOR HINGE

Made of 304 Stainless Steel

P/N	Width	Length	Fastener
J520200	3"	4"	#8



DOOR HINGE

Made of 304 Stainless Steel

P/N	Width	Length	Thickness
J230100	3"	1-1/2"	2mm



SHORT SIDE OFFSET HINGES

Made of 304 Stainless Steel

P/N	Width	Length	Height	Thickness
J240100	1-1/2"	3"	7/8"	2mm
J240200	1-1/2"	3"	5/8"	2mm
J240300	1-1/2"	3"	1/2"	2mm



**SWIVEL HASP**



Precision cast 316 stainless steel polished

P/N	Width	Length
J310130	1"	3"

**SWIVEL HASP**



Made of 304 Stainless Steel

P/N	Width	Length	Description
J310230	1"	2-3/4"	Swivel
J310330	1"	2-3/4"	Fixed

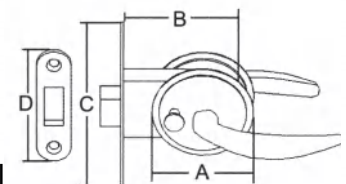
**MAG. LATCH**



Made of 316 Stainless Steel

P/N	Width	Length	Door thickness	Description
J450100	2-1/4"	4"	5/8"	Left
J450200	2-1/4"	4"	5/8"	Right

**MAG DOOR LATCH**



Made of 316 Stainless Steel

P/N	A	B	C	D	Door thickness
J530100	2.5"	3"	3.6"	2.75"	0.875"-1"
J530200	2.5"	3"	3.6"	2.75"	1.1"-1.38"

**STAINLESS STEEL COVERED HINGE**

Made of 316 Stainless Steel

P/N	Width	Length	Thickness
J500200	37mm	76.2mm	2mm



**STAINLESS STEEL COVERED HINGE**

Made of 316 Stainless Steel

P/N	Width	Length	Thickness
J500300	37mm	56mm	2mm



**BUTT HINGE**

Made of 304 Stainless Steel

P/N	Width	Length	Thickness
J250132	2"	3"	1.5mm
J250232	1-7/8"	2"	1.5mm



**BUTT HINGE**

Made of 304 Stainless Steel

P/N	Width	Length	Thickness
J270100	1-5/8"	2-3/4"	2mm



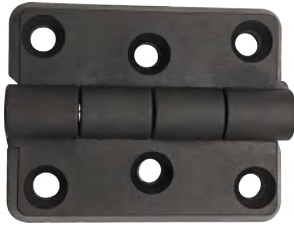
**DOOR HINGE**



Made of 304 Stainless Steel

P/N	Width	Length	Thickness
J540100	1-1/16"	4-1/2"	1.5mm
J540200	1-1/16"	5-1/5"	1.5mm
J540300	1-1/16"	6-1/2"	1.5mm

**BLACK PLASTIC HINGE**



P/N	SIZE
J124750	50MM * 40MM

**BLACK PLASTIC HINGE**



P/N	SIZE
J124760	60MM * 40MM

**DOOR HINGE**



Precision cast 316 stainless steel polished

P/N	Width	Length	Thickness
J520100	5"	5"	4mm

**COVERED BUTT HINGE FLUSH TYPE**



Made of 316 Stainless Steel

P/N	Width	Length	Thickness
J500100	2-15/16"	2-7/8"	3mm



# LID BUCKLE, DOOR BOLT, DOOR LOCK

## HATCH FASTENER

Made of 304 Stainless Steel

P/N	Width	Length
J100100	1"	2.6-3"
J100200	1.57"	4.5-4.9"
J100300	2.4"	6.25-7.1"



## HEAVY DUTY BARREL BOLT

Made of 316 Stainless Steel

P/N	Width	Length	Bolt Length
J110100	1-1/2"	3-1/2"	3
J110200	1-1/2"	4-1/4"	4
J110300	1-1/2"	5-1/4"	5



## HEAVY DUTY DOOR BOLT

Made of 316 Stainless Steel

P/N	Width	Length
J160100	1-1/4"	5-1/2"



## STAINLESS STEEL ANTI-RATTLE DOOR FASTENER

Made of 316 Stainless Steel

P/N	A	B	C
J100400	100mm	46mm	75mm



## HATCH LOCK FASTENER



Made of 304 Stainless Steel

P/N	Length	Cut Hole
J350100	2-1/4"	7/8"
J350200	Plate Only	2-1/4"

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## CAM OVER LATCH



Made of 316 Stainless Steel.

Elongated wire loop is tensioned when latched.

P/N	Length	Width	Height
J490200	94mm	28mm	13mm

## MARINE PADLOCK

Made of Brass

P/N	Width
J440100	1-1/5"



# BOAT HOOK & PADDLE

## BOAT HOOK AND PADDLE



Made of Aluminum / Injected Molded Polypropylene

P/N	Length
K070100	59"

## KAYAK PADDLE



Made of Aluminum / Injected Molded Polypropylene

P/N	Length
K080100	82"

## TELESCOPIC PADDLE



Made of Aluminum / Injected Molded Polypropylene

P/N	Open L	Close L	Section
K090102	42"	30"	2

## TELESCOPIC BOAT COVER SUPPORT



Made of Aluminum / Injected Molded Polypropylene  
Length can be custom-made according to customer requirements

P/N	Open L	Close L	Section
K100129	52"	29"	2
K100235	64"	35"	2

### TELESCOPING BOAT HOOK

Made of Aluminum / Injected Molded Nylon  
Length can be custom-made according to customer requirements

P/N	Open L	Close L	Section
K010103	96"	41"	3
K010202	70"	40"	2
K010003	144"	54"	3



### TELESCOPING BOAT HOOK

Made of Aluminum / Injected Molded Nylon  
Length can be custom-made according to customer requirements

P/N	Open L	Close L	Section
K020147	84"	48"	2



### BOAT HOOK AND PADDLE

Made of Aluminum / Injected Molded ABS

P/N	Open L	Close L	Section
K110100	72"	48"	2



### TELESCOPIC PADDLE

Made of Aluminum / Injected Molded Polypropylene

P/N	Open L	Close L	Section
K060233	33"	20"	2



**BOAT HOOK**



Made of Stainless Steel 316

P/N	Dia
K130028	28mm
K130034	34mm

**BOAT HOOK**



Made of Stainless Steel

P/N	Dia	Height
K140034	34mm	170mm
K140341	41mm	188mm

**TELESCOPIC BOAT HOOK ALUMINUM**



P/N	SIZE
K030120	1300-2100mm

**DELUXE TELESCOPIC BOAT HOOK**



Made of Aluminum

P/N	Open L	Close L	Section
K050159	96"	54"	3



**BOAT HOOK AND PADDLE**

Made of Aluminum / Injected Molded ABS

P/N	Open L	Close L	Section
K030146	72"	48"	2



**BRUSHES AND HOOK**

Made of Aluminum / Injected Molded Nylon  
w/2 brushes 1 plastic hook

P/N	Open L	Close L	Section
K040147	50"	28"	2



**TELESCOPIC PADDLE WITH BOAT HOOK**

Made of Aluminum / Injected  
Molded Polypropylene

P/N	Open L	Close L	Section
K060126	66"	22"	3



## ANCHOR ACCESSORIES

### ELECTRO POLISHED ANCHOR ROLLER



Made of 304 Stainless Steel

P/N	Length	Width	Roller size
M090100	8-3/4"	2-5/8"	φ 2"*2"
M090200	8-3/4"	2"	φ 2-1/2"*1-5/8"

### ELECTRO POLISHED ANCHOR ROLLER



Made of 304 Stainless Steel

P/N	Length	Width	Roller size	Thk
M080111	11"	2"	φ 2-1/2"*1-3/4"	3mm
M080211	11"	2"	φ 2-1/2"*1-3/4"	4mm

### POLISHED ANCHOR ROLLER



Made of 304 Stainless Steel

P/N	Length	Width	Roller size
M100100	10-1/2"	2"	φ 1-7/8"*1-5/8"

### ELECTRO POLISHED ANCHOR ROLLER



Made of 304 Stainless Steel

P/N	Length	Width	Roller size	Thk
M110100	15-1/4"	2-1/16"	φ 2-1/2"*1-3/4"	3mm
M110200	15-1/4"	2-1/16"	φ 2-1/2"*1-3/4"	4mm

### ANCHOR ROLLER W/NYLON ROLLER

Made of 304 Stainless Steel

P/N	Length	Width	Height
M010100	7-3/4"	3-3/4"*2-1/4"	3"
M010200	8-7/8"	5"*2-1/4"	3"
M010300	9-7/8"	5-13/16"*2-1/4"	3"



### ANCHOR ROLLER W/NYLON ROLLER

Made of 304 Stainless Steel

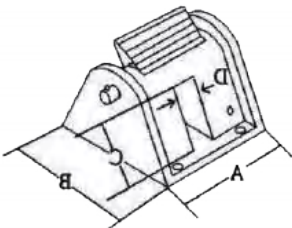
P/N	Length	Width	Height
M020100	12-7/8"	3-3/4"*2-1/4"	4-1/3"
M020200	14"	5"*2-1/4"	4-1/3"
M020300	15"	5-13/16"*2-1/4"	4-1/3"



### ANCHOR ROLLER W/NYLON ROLLER

Made of 304 Stainless Steel

P/N	Length	Width	Height
M030100	12-7/8"	3-3/4"*2-1/4"	4-1/3"
M030200	14"	5"*2-1/4"	4-1/3"
M030300	15"	5-13/16"*2-1/4"	4-1/3"



### STAINLESS STEEL CHAIN STOPPER

Made of 316 Stainless Steel

No chain tension on windlass with foot pedal for easy and safe release of the anchor chain.

P/N	A	B	C	D
M380100	68mm	79mm	40mm	14mm



## PLATFORM BOW ROLLER



Made of 304 Stainless Steel

P/N	Length	Width	Roller size
M160106	6"	1-3/4"	φ 2-1/2"*1-3/4"
M160206	6"	3-1/2"	φ 3"*3-3/8"

## PLATFORM BOW ROLLER



Made of 304 Stainless Steel

P/N	Length	Width	Roller size
M170100	3-7/8"	3-1/2"	φ 3"*3-3/8"

## STERN FAIRLEAD ANCHOR ROLLER



Made of 304 Stainless Steel

P/N	Length	Height	Roller size
M180100	6-1/4"	3-5/8"	φ 2-1/2"*1-3/4"

## REPLACEMENT ROLLER



Made of nylon

P/N	Dia	Width	Bushing
M190100	2"	2"	3/8"
M190200	2-11/16"	2-3/8"	1/2"
M190300	2-1/2"	1-3/4"	3/8"
M190400	3"	3"	1/2"
M190500	3"	3-3/8"	1/2"
M190600	4"	4"	1/2"
M190700	4"	3-3/8"	1/2"

### ANCHOR ROLLER W/NYLON ROLLER

Made of 304 Stainless Steel

P/N	Length	Width	Height
M040100	12-7/8"	3-3/4"*2-1/4"	4-1/3"
M040200	14"	5"*2-1/4"	4-1/3"
M040300	15"	5-13/16"*2-1/4"	4-1/3"



### ELECTRO POLISHED ANCHOR ROLLER

Made of 304 Stainless Steel

P/N	Length	Width	Roller size
M050115	15"	2"	φ 2-1/2"*1-3/4"
M050223	23-1/4"	3-1/2"	φ 4"*3-3/8"



### BOW ROLLER

Made of 304 Stainless Steel

P/N	Length	Width	Roller size	Thk Color
M060100	6-1/4"	1-3/4"	φ 2-1/2"1-3/4"	2mm Black
M060200	6-1/4"	1-3/4"	φ 2-1/2"1-3/4"	4mm Black
M060300	6-1/4"	1-3/4"	φ 2-1/2"1-3/4"	4mm White



### ANCHOR ROLLER W/PU ROLLER

Made of 304 Stainless Steel

P/N	Length	Width	Roller size
M070109	9"	1-3/4"	2 1/2"1-3/4"



## FORGED D SHACKLE W/CAPTIVE PIN



Made of 304 Stainless Steel

P/N	Size
M310105	D=5mm
M310206	D=6mm
M310308	D=8mm
M310410	D=10mm

## FORGED LONG SHACKLE W/CAPTIVE PIN



Made of 304 Stainless Steel

P/N	Size
M330106	D=6mm
M330208	D=8mm
M330310	D=10mm

## CHAIN STOPPER CASTING



Made of 316 Stainless Steel

P/N	for chain
M320100	3/8"-1/2"

## CHAIN LINK, FIXED



Made of 316 Stainless Steel

P/N	Length	for chain	Max Load
M350100	3"	3/8"	850KG
M350200	3-1/2"	1/2"	1350KG

**ELECTRO POLISHED ANCHOR ROLLER**

Made of 304 Stainless Steel

P/N	Length	Width	Roller size
M120119	19"	3-1/2"	φ 3"3"



**ELECTRO POLISHED ANCHOR ROLLER**

Made of 304 Stainless Steel

P/N	Length	Width	Roller size
M130119	19-7/8"	2-7/8"	φ 2-11/16"*2-3/8"



**POLISHED ANCHOR ROLLER**

Made of 304 Stainless Steel

P/N	Length	Width	Roller size
M140123	23"	3-3/4"	φ 3"*3-3/8"



**ANCHOR ROLLER**

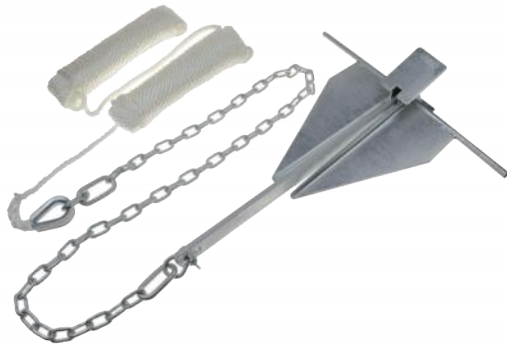
Made of 304 Stainless Steel

P/N	Length	Width
M150122	22-3/4"	3-1/4"





## GALVANIZED FLUKE ANCHOR KIT



Made of galvanized steel

P/N	Weight
M360200	4KG
M360300	6KG

## ANCHOR



Made of 316 stainless steel

P/N	Weight
M400107A	0.7 KG
M400215A	1.5 KG
M400325A	2.5 KG
M400432A	3.2 KG
M400540A	4 KG
M400660A	6 KG
M400780A	8 KG
M400810A	10 KG
M400912A	12 KG
M401015A	15 KG

## BOX ANCHOR



Made of galvanize

P/N	Weight
M390109	9 KG
M390212	12 KG

## BRUCE ANCHOR



Made of 316 Stainless Steel

P/N	Weight
M370713A	13KG
M370105A	5KG
M370107A	7.5KG
M370210A	10KG
M370602A	2KG
M370315A	15KG
M370420A	20KG
M370830A	30KG
M370540A	40KG

**REPLACEMENT ROLLER**

Made of nylon

P/N	Dia	Width
M200100	3"	2.375"
M200200	2.36"	2.81"
M200300	2"	2.64"
M200400	2.25"	2.31"



**ANCHOR CHAIN TENSIONER**

Made of 316 Stainless Steel

P/N	Length	Width
M210100	8-1/4"	3-3/4"



**ANCHOR LOCK**

Made of 316 Stainless Steel

P/N	Length	Width	Height	Pin
M220104	4"	1.5"	1.5"	5/16"



**FORGED BOW SHACKLE SS W/CAPTIVE PIN**

Made of 304 Stainless Steel

P/N	Size
M300104	D=4mm
M300205	D=5mm
M300306	D=6mm
M300408	D=8mm
M300510	D=10mm



**CHAIN LINK, SWIVELLING**



Made of 316 stainless steel

P/N	Length	for chain	Max Load
M350300	3-1/3"	3/8"	850KG
M350400	4-1/2"	1/2"	1350KG
M350500	6"	11/16"	1700KG

**CHAIN LINK, SWIVELLING**



Made of 316 stainless steel

P/N	Length	for chain	Max Load
M350600	5-1/4"	3/8"	850KG

**CHAIN LINK, SWIVELLING**



Made of 316 Stainless Steel

P/N	Length	for chain	Max Load
N100141	3-1/2"	1/4"	850KG

**DANFORTH ANCHOR**



Made of galvanize

P/N	Weight	Length
M360102	2.5KG	17.1"
M360204	4KG	18.9"
M360306	6KG	19.5"
M360408	8KG	22.8"
M360510	10KG	23.2"
M360612	12KG	26.4"
M360720	20KG	34.3"
M360825	25KG	35.2"
M360715	15KG	30.2"

## PIVOTING SELF LAUNCHING ANCHOR ROLLER

Made of 304 stainless steel

P/N	Length	Width	Height
M051420	21"	4"	6"



## STAINLESS STEEL SHACKLE KEY

Made of 304 stainless steel  
Designed to fit all deck plate caps

P/N	Length	Width
N660100	98mm	57mm



## KAYAK AND SUP CART

Easy solution to carrying long bulky boards and kayaks  
Secure board or kayak to the cart with the bungee cord  
Attach the suction cup handle grip to easily transport board or kayak  
Anodized aluminum frame  
Stainless steel hardware

P/N	N260100W
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## COLORED ANCHOR

Made of carbon steel

P/N	Weight	Color
M400215	1.5KG	Green, Black, Orange, Blue, Red



## BRUCE ANCHOR



Made of galvanize

P/N	Weight	Length
M370105	5KG	16.5"
M370107	7.5KG	18.5"
M370210	10KG	20.8"
M370315	15KG	24"
M370420	20KG	26.8"
M370540	40KG	32.7"

## PLOW ANCHOR



Made of 316 stainless steel or Galvanized anchor with great holding power, easy to use

P/N	Weight	Material
M380104A	4KG	SS316
M380206A	6KG	SS316
M380310A	10KG	SS316
M380104	4KG	Galvanized
M380206	6KG	Galvanized
M380310	10KG	Galvanized

## STAINLESS STEEL ANCHOR CHAIN



Made of 316 Stainless Steel

P/N	Dia	Working Load	Weight(kg/m)	supplied per
M380106A	6mm	1400KG	0.80KG	50m
M380108A	8mm	2500KG	1.40KG	50m
M380110A	10mm	3400KG	2.20KG	50m

## COLORED ANCHOR



Made of carbon steel

P/N	Weight Anchor	Color	Rope Length
M400215R-SET	1.5KG	Red	25feet

# CLEAT/U-BOLT/SKI-TOW

## HELLOW BASE CLEAT

Made of 316 Stainless Steel

P/N	Length	Height
N020106	6"	1-1/4"
N020208	8"	1-1/2"
N020310	10"	1-3/4"
N020404	4"	1"
N020512	12"	2-1/8"



## BOW CHOCK BY PAIR

Made of 316 Stainless Steel

P/N	Length	Line size
N030104L/R	4-1/2"	1/2"



## HORN BOLLARD

Made of 316 Stainless Steel

P/N	Length	Height	Base
N110100	9-1/2"	3-1/6"	7-2/5"*2-3/4"
N110200	11-4/5"	4"	10"*3-1/6"
N110300	13-4/5"	4-1/3"	11-3/4"*3-1/2"



## HEAVY DUTY CLEAT

Made of 304 stainless steel

P/N	Length	Height	Base
N120100	6"	1-3/4"	3-1/2"*1-1/4"
N120200	8"	2-1/8"	4-3/4"*1-1/4"
N120300	10"	2-3/4"	6"*1-1/2"
N120400	13"	3-1/8"	6-1/4"*1-1/2"



## PULL UP CLEAT WITH STUDS



Made of 316 Stainless Steel

P/N	Length	Height
N010145	4.5"	3/4"
N010206	6"	1"

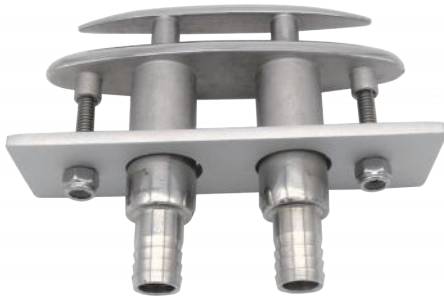
## POP-OUT CLEAT



Made of 316 Stainless Steel

P/N	Length	Height
N350104	4"	7/8"
N350206	6"	1"
N350308	8"	1-1/4"
N350410	10"	1-1/2"

## POP-OUT CLEAT W/DRAIN TUBE



Made of 316 Stainless Steel

P/N	Length	Height
N330104	4.5"	15/16"
N330206	6"	1-1/8"
N330308	8"	1-1/3"

## STAINLESS STEEL X-FOLDING CLEAT



Made of 316 Stainless Steel

P/N	Length	Width	H1	H2	Mounting
N360106	156	25	20	38	3x M8x50 (mm)
N360208	202	34	27	57	3xM10x55 (mm)
N360310	256	43	35	69	3xM12x60 (mm)



**THREAD ROD**

Made of 304 Stainless Steel

P/N	Length
N060185	5/8-11"*36"



**LIFT RING**

Made of 316 Stainless Steel

P/N	Height	Thread
N070124	3-1/4"	5/8-11"



**PULL UP FOLDING CLEAT**

Made of 316 Stainless Steel

P/N	Length	Eye Dia	Thread
N080106	6"	1-1/16"	5/8-11"



**SKI TOW**

Made of 304 stainless steel

P/N	Ring OD	Stock	Thread
N040183	2-1/2"	3/8"	2"
N040283	2-1/2"	3/8"	1-1/2"
N040383	3"	3/8"	2"
N040421	3-1/2"	1/2"	2-1/2"



## HEAVY DUTY CLEAT



Made of 304 Stainless Steel

P/N	Length	Height	Base
N130106	6"	1-3/4"	3-1/2"*1-1/4"
N130208	8"	2-1/8"	4-3/4"*1-1/4"
N130310	10"	2-3/4"	6"*1-1/2"
N130412	12"	3-1/8"	6-1/4"*1-1/2"

## HEAVY DUTY CLEAT



Made of 304 Stainless Steel

P/N	Length	Height	Base
N140106	6"	1-3/4"	3-1/2"*1-1/4"
N140208	8"	2-1/8"	4-3/4"*1-1/4"
N140310	10"	2-3/4"	6"*1-1/2"
N140412	12"	3-1/8"	6-1/4"*1-1/2"

## PULL UP FOLDING CLEAT



Made of 316 Stainless Steel

P/N	Length
N340005	5"
N340106	6"
N340208	8"

## LIFTING ADAPTER PLATE



Made of 304 Stainless Steel

P/N	Length	Height	Rod	Threads
N050100	5-1/4"	1-5/8"	1-1/4"	5/8"-11

Made of 304 Stainless Steel

P/N	Stock Dia	Thread Length	Description
N090183	3/8"	3"	Bow Eye
N090783	3/8"	2-1/2"	Bow Eye
N090283	3/8"	3-7/16"	Bow Eye
N090885	5/8"	5"	Bow Eye
N090985	5/8"	6"	Bow Eye
N090321	1/2"	3-7/16"	Bow Eye
N090421	1/2"	4-3/4"	Bow Eye
N090583	3/8"	3-7/16"	Stern Eye
N090621	1/2"	3-7/16"	Stern Eye

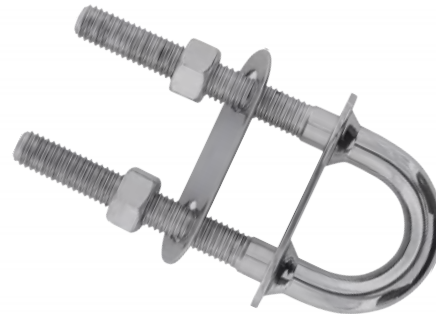
**BOW/ STERN EYE**



Made of 304 Stainless Steel

P/N	Stock Dia	Thread Length
N260100	3/8"	3-1/8"
N260200	3/8"	2-1/8"
N260300	3/8"	2-5/8"
N260400	1/2"	2-7/8"
N260500	1/2"	2-1/8"
N260600	1/2"	3-3/8"
N260700	1/2"	4-1/8"
N260800	5/8"	5-1/2"
N260900	5/8"	3-1/2"

**STERN EYE WITH WELDING PLATE**



**BOW EYE**

Made of 304 Stainless Steel

P/N	Stock Dia	Thread Length
N270100	M5	13.8"
N270200	M6	13.8"
N270300	3/16"	1/2"
N270400	1/4"	1/2"



**BOW EYE WITH PLATE**

Made of 304 Stainless Steel

P/N	Plate Angle	U-BOLT
N280100	According to Customer's Request	According to Customer's Request



**SKI TOW**



Made of 316 Stainless Steel.  
Nut and washer included. Transom mount.

P/N	Ring OD	Size	Thread	Wire Dia
N040583	1/2"	2-3/8"	3"	3/8"

**STAINLESS STEEL FAIRLEAD--BY PAIRS**



Made of 316 Stainless Steel

P/N	Length	Hole(Max)
N030206	150mm	19mm

**STAINLESS STEEL FENDER SNAP HOOK**



Made of 316 Stainless Steel

P/N	Bore Dia.	Length	Outside Dimension
N380100	35mm	60mm	47mm

**MARINE QUICK RELEASE FENDER LOCK**



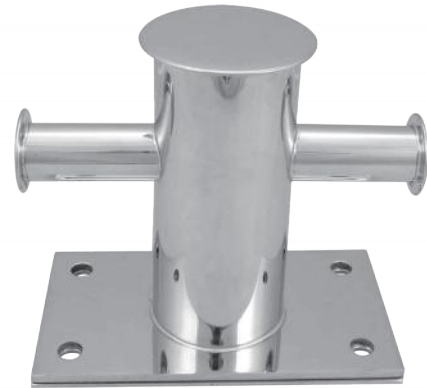
Made of 316 Stainless Steel

P/N	Dia
N390138	3/8"
N390212	1/2"

**MOORING BITT**

Made of 304 Stainless Steel

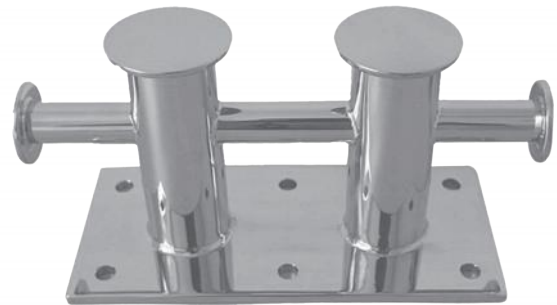
P/N	Base	Height
M250108	8"*4-1/2"	7-1/4"



**MOORING BITT**

Made of 304 Stainless Steel

P/N	Base	Height
M260100	4-3/4"*10-1/4"	6-5/16"



**CAST ALUMINUM "S" DOCK CLEA**

Made of aluminum

P/N	Size
N021010	10"
N021012	12"
N021015	15"



**BOLLARDS FOR DIRECT WELDING**

Made of 316 Stainless Steel

P/N	Dia	Height	Width
M240150	2"	3.74"	5.12"
M240260	2.4"	4.72"	6.3"
M240370	2.75"	5.95"	7.1"
M240380	3.15"	6.77"	7.87"



## MOORING SPRING



Made of 304 Stainless Steel.

P/N	Dia	Length
N150100	3/16"	10-5/8"
N150200	1/4"	13-3/16"
N150300	1/4"	14-9/16"

## HOOKS FOR SHOCK CORD



Made of 304 Stainless Steel

P/N	Wire	Dia
N160100	0.05"	0.24"
N160200	0.078"	0.31"
N160300	0.1"	0.39"
N160400	0.12"	0.47"
N160500	0.063"	0.2"

## BOLLARDS WITH BASEPLATE



Made of 316 Stainless Steel

P/N	Dia	Height	Width
M230150	2"	3.74"	5.12"
M230260	2.4"	4.72"	6.3"
M230370	2.75"	5.95"	7.1"
M230380	3.15"	6.77"	7.87"

**JAW END SWIVEL**

made of 316 stainless steel

P/N	Size
M340105A	5mm
M340106A	6mm
M340108A	8mm
M340110A	10mm
M340112A	12mm



**JAW END SWIVEL**

made of 316 stainless steel

P/N	Size
M330006A	6mm
M330108A	8mm
M330110A	10mm
M330112A	12mm
M330114A	14mm



**316 SS STRAIGHT CHOCK**

P/N	Size
N078410	5"



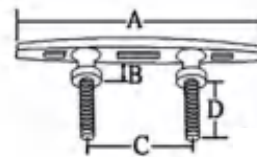
**MOORING SPRING**

P/N	WIRE	LENGTH
N024251	6MM	300MM
N024252	7MM	400MM
N024254	11MM	470MM





### STUDDED CLEAT



P/N	A	B	C	D
N078835	152mm	19mm	64mm	38mm
N078835	254mm	31mm	105mm	62mm

### TOW HARNESS FOR WATER SKI



P/N  
N000500

# HATCH HOLDER/BRACKET

## ANGLE BRACKET

Made of 304 Stainless Steel

P/N	Length	Height
P120100	11-4/5"	7-7/8"



## CONNECTOR FOR GAS SPRING--SET OF 2

Made of 316 Stainless Steel

P/N	Diameter	Connected Stud	Connected Way
S080100	10mm	M8	Ball Joint
S080200		M8	Eye Nut



## HATCH HOLDER

Made of 304 Stainless Steel

P/N	Dia	Length	Description
P010122	7/8"	12-1/2"	Internal Cable



## HATCH SPRING HOLDER

Made of 304 Stainless Steel

P/N	Dia	Length	Description
P020114	9/16"	10-1/4"	Internal Cable
P020211	7/16"	8-1/4"	
P020314	9/16"	10-1/4"	
P020411	7/16"	8-1/4"	Internal Cable



**TABLE BRACKET**



Made of 304 Stainless Steel.

P/N	Length	Height	Max Load
P070200	12"	6-1/2"	150kg

**TABLE BRACKET**



Made of 304 Stainless Steel

P/N	Length	Height	Max Load
P070300	12"	6-1/2"	250kg

**TABLE BRACKET**



Made of 304 Stainless Steel  
One Set Includes Two Wall Brackets  
And Two Table Brackets

P/N	Wall Bracket	Table Bracket
J340100	2-1/8"*3-3/8"	1-3/4"*2-3/4"

**GAS SPRING MOUNTING BRACKET**



Made of 316 Stainless Steel

P/N	Ball Stud	Angle	Base
P082003	10mm	0°	2.25" (W)

## HATCH SPRING ADJUSTER

Made of 304 Stainless Steel

P/N	Dia	Length	Description
P030111	7/16"	8-1/4"	
P030211	7/16"	8-1/4"	Internal Cable
P030314	9/16"	10-1/4"	
P030414	9/16"	10-1/4"	Internal Cable



## HATCH ADJUSTER

Made of 304 Stainless Steel

P/N	Width	Length
P030500	0.59"	6.2"
P030600	0.59"	8"
P030700	0.59"	10.25"



## SWIM PLATFORM MOUNTING BRACKET

Made of 304 Stainless Steel

P/N	Length	Height	Width	Degree
P050100	6"	12"	1-1/2"	12°
P060100	7"	14"	1-1/2"	12°
P060200	9"	17"	1-1/2"	12°
P060300	14"	21"	1-1/2"	12°



## TABLE BRACKET

Made of 304 Stainless Steel

P/N	Length	Height	Max Load
P070100	12"	6-1/2"	150kg



## GAS SPRING MOUNTING BRACKET



Made of 316 Stainless Steel

P/N	Ball Stud	Angle	Base
P082001	10mm	90°	2"*1.2"

## GAS SPRING MOUNTING BRACKET



Made of 316 Stainless Steel

P/N	Ball Stud	Angle	Base
P082002	10mm	90°	2"*0.65"

## DISTRIBUTION BOX BRACKET



Made of aluminum

P/N  
P090100

## STAINLESS STEEL GAS SPRING

Made of 316 Stainless Steel.

Cylinder Diameter: 18mm; Rod Diameter: 8mm.

P/N	Length	Capacity	Connected Way
P080100	290-500mm	20kg	Eye Nut
P080200	290-500mm	20kg	Ball Joint
P080300	320-550mm	35kg	Eye Nut
P080400	320-550mm	35kg	Ball Joint
P080500	320-550mm	64kg	Eye Nut
P080600	320-550mm	64kg	Ball Joint
P080700	290-500mm	40kg	Eye Nut
P080800	290-500mm	40kg	Ball Joint
P080900	350-600mm	50kg	Eye Nut
P081000	350-600mm	50kg	Ball Joint
P081100	170-250mm	18kg	Eye Nut
P081200	170-250mm	18kg	Ball Joint
P081300	225-355mm	25kg	Eye Nut
P081400	225-355mm	25kg	Ball Joint
P081500	350-600mm	30kg	Eye Nut
P081600	350-600mm	30kg	Ball Joint



## 3-STAGE TABLE MOUNT

Made of aluminum

P/N  
P130100



# ROD HOLDER

## ROD HOLDER



Made of 316 Stainless Steel

P/N	Diameter	Length
Q220100A	2"	9.25 "

## ROD HOLDER



Made of 316 Stainless Steel

P/N	Diameter	Length
Q220300A	2"	9.25 "

## ROD HOLDER



Made of 304 Stainless Steel

P/N	Length	ID	Flange
Q030100	9"	1-1/2"	30°

## ROD HOLDER W/CAP



Made of 304 Stainless Steel

P/N	Length	ID	Flange	Direction
Q040100	9"	1-1/2"	30°	top-down
Q040200	9"	1-1/2"	30°	down-top
Q040300	9"	1-1/2"	90°	



**CLAMP-ON ROD HOLDER**

Made of 304 Stainless Steel  
Adjustable For 7/8"-1" Tube

P/N	Length	ID
Q050100	9"	1-5/8"



**CLAMP-ON ROD HOLDER**

Made of 304 Stainless Steel  
Adjustable For 7/8"-1" Tube

P/N	Length	ID
Q050300	8"	1-5/8"



**SIDE MOUNT ROD HOLDER**

Made of 304 Stainless Steel

P/N	Length	ID	Direction
Q060100	10"	1-1/2"	Comes with Black Collar
Q060200	10"	1-1/2"	Comes with White Collar



**OUTRIGGER ROD HOLDERS**

Made of 304 Stainless Steel  
with rubber mounting pad

P/N	Base Flange	ID	Direction
Q070100	2-1/2"*5"	1-1/7"	Outrigger Pole Holders
Q070200			Tube Only
Q070300			Base only



## VERTICAL MOUNT FISHING HOLDER



Made of 304 Stainless Steel

P/N	Length	ID	Flange
Q080100	9"	1-3/4"	45°

## PLASTIC ROD HOLDER W/SS COVER



Made of Injection  
Molded Nylon W/CAT#304 PVC Cover

P/N	Length	ID	Color
Q090100	9-1/2"	1-3/4"	Black
Q090200	9-1/2"	1-3/4"	White
Q090300	9-1/2"	1-3/4"	Black+lid
Q090400	9-1/2"	1-3/4"	White+lid

## ROD HOLDER



Made of 316 Stainless Steel

P/N	Diameter	Length
Q220200A	2"	13.39"

## RACK ROD HOLDER - UV STABILIZED PLASTIC



Made of Plastic pp

P/N	Length	ID	Height	Depth	Tube
Q100102	8-3/4"	1-5/8"	12"	2-5/8"	2
Q110103	12-7/8"	1-5/8"	12"	2-5/8"	3

## ROD HOLDER SIDE MOUNT - UV STABILIZED PLASTIC

Made of Plastic pp W/SS Mounting Clamps

P/N	ID	Height	Description
Q120101	1-5/8"	12"	With 2 clamps& screws
Q120201	1-5/8"	12"	



## BRACKET LAUNCHER 4 ROD

Made of 304 stainless steel

P/N	Length	ID
Q130100	36-1/2"	1-1/2"



## OUTRIGGER ROD HOLDER

Made of 304 Stainless Steel

P/N	Rod holder ID	Rod holder Length	Length
Q140100	1-1/2"	11-1/2"	19-1/2"



## MULTIPLE ROD HOLDER

Made of 6061 AL/304 Stainless Steel

P/N	M' L	Rod holder Length	Length
Q150100	6061 AL	1-3/4"	24-7/8"
Q150200	S. S. 304	1-3/4"	24-7/8"



## REMOVABLE ROD HOLDER



Made of 304 Stainless Steel

P/N	Mount bracket	ID	Tube L
Q160100	4"*3-11/16"	1-1/2"	8-1/2"

## CLAMP-ON ROD HOLDER



Made of 316 Stainless Steel  
Adjustable For 1", 1-1/4" or 1-1/2" Tube

P/N	Length	ID	Tube OD
Q180025	10"	2"	1"
Q180114	10"	2"	1-1/4"
Q180212	10"	2"	1-1/2"

## FISHING ROD HOLDER



Made of 316 Stainless Steel

P/N	Length	Diameter	Installed Way
Q170100	260mm	45mm (Max)	Side Mount

## FISHING ROD HOLDER-INTEGRATED



Made of Plastic pp

P/N	Length	ID	Height	Depth	Hole
Q110113	12-7/8"	1-5/8"	12"	2-5/8"	3
Q100112	8-3/4"	1-5/8"	12"	2-5/8"	2

**ALUMINUM ROUND PAD**

P/N	Size
Q160601AL	4.5"X1-1/2"X1/4" (CD Surface)
Q160602AL	4.5"X1-1/2"X1/4" (Polished Surface)



**ALUMINUM RADIUSED PADS**

Made of 6463-T5 Aluminum

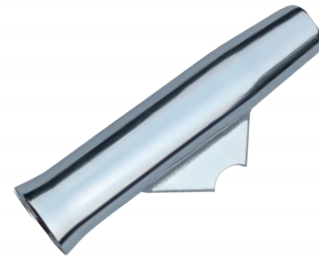
P/N	Size
Q070340AL	4"*3"
Q070640AL	6"*4"
Q070341AL	4.34"*3"



**ALUMINUM ROD HOLDER**

Made of 6463-T5 Aluminum

P/N	Length
Q160200AL	9.96"



**ALUMINUM ROD HOLDER**

Made of 6463-T5 Aluminum

P/N	Length
Q160400AL	10.35"



**ALUMINUM ROD HOLDER**

Made of 6463-T5 Aluminum

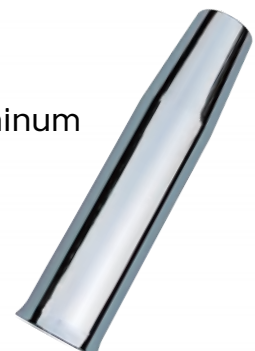
P/N	Length
Q160300AL	10.35"



**ALUMINUM ROD HOLDER**

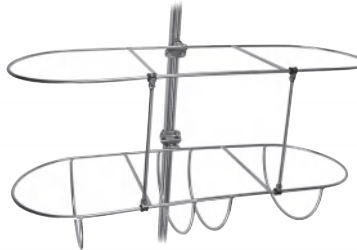
Made of 6463-T5 Aluminum

P/N	Length
Q160500AL	10.35"



# FENDER HOLDER

## THRICE FENDER HOLDER



Made of 304 Stainless Steel

P/N	Size	Fender	Height
N220100	9.5"*28.5"	9"	14.67"
N220200	11.5"*34"	11"	17.5"

## SINGLE FENDER BRACKET



Made of 304 Stainless Steel

P/N	Rail	Fender
N190100	7/8" or 1"	7.5"
N190200	7/8" or 1"	9.8"
N190300	7/8" or 1"	11.5"

## LIFEBUOY BRACKET



P/N  
N360100

Made of 316 Stainless Steel and Nylon Rope for lifebuoy light

## SINGLE FENDER HOLDER



Made of 304 Stainless Steel

P/N	Fender Dia	Dia	Height
N170100	5.6"	7.13"	13.85"
N170200	8.5"	9.5"	15.2"
N170300	10.5"	11.13"	18.9"

## DOUBLE FENDER HOLDER



Made of 304 Stainless Steel

P/N	Fender Dia	Dia	Height
N180100	6.5"	7.13"*14.26"	13.3"
N180200	8.5"	9.5"*19"	14.6"
N180300	10.5"	11.3"*22.26"	17.5"

## DOUBLE FENDER HOLDER



Made of 304 Stainless Steel

P/N	Size	Fender	Height
N210100	7.5*15"	7"	11.5"
N210200	9.5*19"	9"	14.67"
N210300	11.5*23"	11"	17.5"

# LAMP SERIES

## LED UNDERWATER LIGHT STRIP

P/N	Size	LEDs	Color
G010104	4"	6	White
G010206	6"	10	White
G010308	8"	12	White
G010404	4"	6	Blue
G010506	6"	10	Blue
G010608	8"	12	Blue
G010704	4"	6	Red
G010806	6"	10	Red
G010908	8"	12	Red
G011004	4"	6	Green
G011106	6"	10	Green
G011208	8"	12	Green



## DOME LIGHT Brass w/teak base

P/N	Diameter	Height	Base Dia.	Bulb
G110100	4"	1-5/8"	5-1/2"	12V 15W
G110200	5"	2"	6-3/4"	12V 15W



## DOME LIGHT

Made of 304 Stainless Steel

P/N	Diameter	Height	BaseDia	Bulb
G020103	3"	1-1/2"	4-1/2"	LED
G020104	4"	1-5/8"	5-1/2"	LED
G020205	5"	2"	6-3/4"	LED
G020303	3"	1-1/2"	4-1/2"	12V, 8W
G020304	4"	1-5/8"	5-1/2"	12V, 15W
G020405	5"	2"	6-3/4"	12V, 15W
G020504	4"	1-5/8"	5-1/2"	Red/White
G020605	5"	2"	6-3/4"	Red/White



Made of 304 Stainless Steel

P/N	Diameter	Height	BaseDia	Bulb
G020705	5"	2"	6-3/4"	12V, 15W
G020804	4"	1-5/8"	5-1/2"	12V, 15W
G020903	3"	1-1/2"	4-1/2"	12V, 8W
G021005	5"	2"	6-3/4"	LED
G021004	4"	1-5/8"	5-1/2"	LED
G021003	3"	1-1/2"	4-1/2"	LED
G021104	4"	1-5/8"	5-1/2"	Red/White
G021105	5"	2"	6-3/4"	Red/White

## VENTED DOME LIGHT





**DOME LIGHT**



Made of 304 stainless steel plating titanium

P/N	Diameter	Height	BaseDia	Bulb
G021303	3"	1-1/2"	4-1/2"	12V, 8W
G021304	4"	1-5/8"	5-1/2"	12V, 15W
G021305	5"	2"	6-3/4"	12V, 15W
G021403	3"	1-1/2"	4-1/2"	LED
G021404	4"	1-5/8"	5-1/2"	LED
G021405	5"	2"	6-3/4"	LED
G021504	4"	1-5/8"	5-1/2"	Red/White
G021505	5"	2"	6-3/4"	Red/White

**VENTED DOME LIGHT**



Made of 304 stainless steel plating titanium

P/N	Diameter	Height	BaseDia	Bulb
G021603	3"	1-1/2"	4-1/2"	12V, 8W
G021604	4"	1-5/8"	5-1/2"	12V, 15W
G021605	5"	2"	6-3/4"	12V, 15W
G021703	3"	1-1/2"	4-1/2"	LED
G021704	4"	1-5/8"	5-1/2"	LED
G021705	5"	2"	6-3/4"	LED
G021804	4"	1-5/8"	5-1/2"	Red/White
G021805	5"	2"	6-3/4"	Red/White

**DOME LIGHT**



Made of 304 Stainless Steel and White Powder Coating

P/N	Diameter	Height	BaseDia	Bulb
G021904	3"	1-1/2"	4-1/2"	12V, 8W
G022005	4"	1-5/8"	5-1/2"	12V, 15W
G022105	5"	2"	6-3/4"	12V, 15W

**REPLACEMENT BULB**



Made of 304 Stainless Steel

P/N	Description	Color
G031015	12V 15W	Red
G031025	12V 15W	White

**REPLACEMENT LED BULB**

E10 lamp holder 3V 0.6W

P/N G030300



**PORTABLE BATTERY OPERATED LIGHT-BOW LIGHT**

Using 2Pcs 3# batteries

P/N	Description
G040100	Bulb
G040500	LED



**PORTABLE BATTERY OPERATED LIGHT-BOW LIGHT**

Using 2Pcs 3# batteries

P/N	Description
G040200	Bulb
G040600	LED



**PORTABLE BATTERY LIGHT- STERN LIGHT 24"**

Using 2Pcs 3# batteries

P/N	Description
G040300	Bulb
G040700	LED



## PORTABLE BATTERY LIGHT-BOW SUCTION



Using 2Pcs 3# batteries

G040400	Bulb
G040800	LED

## LED COURTESY INTERIOR LIGHT



optional white and chrome decorative cover

P/N	Diameter	Color
G050104	3"	White
G050204	3"	Red
G050304	3"	Blue

## TRANSOM LIGHT



Made of 304 Stainless Steel

P/N	Lens	Base Dia.	Bulb
G080206	White	3"	12V 8W
G080207	Red	3"	12V 8W
G080208	White	3"	LED
G080209	Red	3"	LED

## NAVIGATION LIGHT



Made of 304 Stainless Steel

P/N	Description	Bulb
G090100	Stem Light (Transparent)	12V 8W
G090200	Bow Light (Red/green)	12V 8W
G090300	Side Light (Green)	12V 8W
G090400	Side Light (Red)	12V 8W
G090500	Stem Light (Transparent)	LED
G090600	Bow Light (Red/green)	LED
G090700	Side Light (Green)	LED
G090800	Side Light (Red)	LED

**LED NAVIGATION LIGHT 12VDC 1W**



Made of Plastic. For boats up to 39.4ft (12m). IP 66. Housing: WHLD-White / LD-Black  
 Warm White LED in colored lenses. Cool White LED in clear lenses. Vertical mount.

P/N	Description	Visibility	LED (SMD 5050)	Lumen
G011021-WHLD	Green Starboard Light 112.5°	1 NM	6 pcs warm white	8 LM
G011022-WHLD	Red Port Light 112.5°	1 NM	6 pcs daylight white	7 LM
G011023-WHLD	White Masthead Light 225°	2 NM	6 pcs daylight white	67 LM
G011024-WHLD	White Stern Light 135°	2 NM	6 pcs warm white	55 LM
G011025-WHLD	Bi-Color Bow Light 225°	2 NM	6 pcs warm white	11 LM
G011021-LD	Green Starboard Light 112.5°	1 NM	6 pcs warm white	8 LM
G011022-LD	Red Port Light 112.5°	1 NM	6 pcs daylight white	7 LM
G011023-LD	White Masthead Light 225°	2 NM	6 pcs daylight white	67 LM
G011024-LD	White Stern Light 135°	2 NM	6 pcs warm white	55 LM
G011025-LD	Bi-Color Bow Light 225°	2 NM	6 pcs warm white	11 LM

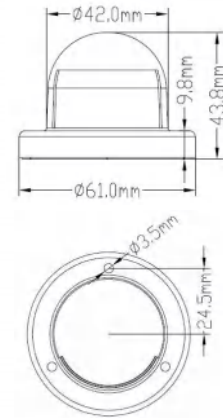
**LED NAVIGATION LIGHT 12VDC 0.54W**



Made of Plastic and S.S.304. For boats up to 39.4ft (12m) . Housing: WHLD-White / LD-Black  
 5Φ LED with colored lens . Bi-color light 0.8W. IP 66.

P/N	Description	Visibility	LED (SMD 5050)	Lumen
G011011-LD	Green Starboard Light 112.5°	1 NM	9 pcs green	10 LM
G011012-LD	Red Port Light 112.5°	1 NM	9 pcs red	11 LM
G011013-LD	White Masthead Light 225°	2 NM	9 pcs white	98 LM
G011014-LD	White Stern Light 135°	2 NM	9 pcs white	53 LM
G011015-LD	Bi-Color Bow Light 225°	2 NM	6 pcs green + 6 pcs red	10 LM
G011011-WHLD	Green Starboard Light 112.5°	1 NM	9 pcs green	10 LM
G011012-WHLD	Red Port Light 112.5°	1 NM	9 pcs red	11 LM
G011013-WHLD	White Masthead Light 225°	2 NM	9 pcs white	98 LM
G011014-WHLD	White Stern Light 135°	2 NM	9 pcs white	53 LM
G011015-WHLD	Bi-Color Bow Light 225°	2 NM	6 pcs green + 6 pcs red	10 LM

**NAVIGATION LIGHT 12VDC 1.5W**



Made of S.S.316 and PC base. For boats up to 39.4ft(12m). Horizontal mount. Warm White LED in colored lenses. Wattage: Bi-color light 2.2W. IP 66.

P/N	Description	Visibility	LED (SMD 2835)	Lumen
G011090 (pair)	Green Starboard Light 112.5° Red Port Light 112.5°	1 NM 1 NM	8 pcs warm white 8 pcs warm white	11 LM 5 LM
G011095	Bi-Color Bow Light 225°	2 NM	12 pcs warm white	11 LM

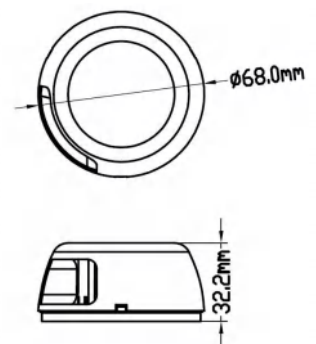
**LED NAVIGATION SIDELIGHT 112.5° 1NM**



Made of Plastic. For boats up to 39.4ft(12m). IP 66. Vertical mount.

P/N	Housing	Description	Voltage Wattage	LED (5 Φ)	Lumen
G011003	Black	Green Starboard Light Red Port Light	12 VDC/0.8W	12 pcs green 12 pcs red	56 LM 19 LM
G011004	Black	Green Starboard Light Red Port Light	12 VDC/0.8W	12 pcs green 12 pcs red	38 LM 12 LM
G011005-WH	White	Green Starboard Light Red Port Light	12-24 VDC/ 2W	15 pcs white 15 pcs white	16 LM 10 LM
G011005-CP	Black	Green Starboard Light Red Port Light	12-24 VDC/ 2W	15 pcs white 15 pcs white	16 LM 10 LM

**LED NAVIGATION LIGHT 12VDC 1NM**

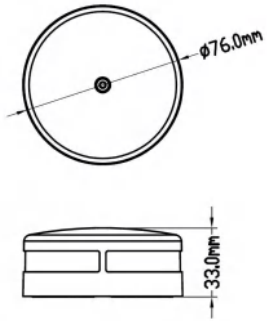


Made of Stainless Steel. For boats up to 39.4ft (12m). IP66.Horizontal mount . Red and Green LED in clear lenses .

P/N	Wattage	Description	LED	Lumen
G011006(pair)	1W	Green Starboard Light 112.5°	2 pcs green	90 LM
	1W	Red Port Light 112.5°	2 pcs red	33 LM
G011007	2W	Bi-Color Bow Light 225°	2 pcs green+2 pcs red	110 LM



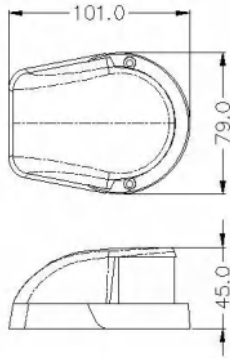
### LED NAVIGATION LIGHT 12VDC 2NM



Made of Stainless Steel. For boats up to 69.6ft (20m). IP66.Horizontal mount . Red and Green LED in clear lenses .

P/N	Wattage	Description	LED	Lumen
G011200(pair)	1.7W	Green starboard light 112.5°	2 pcs green	90 LM
	1.7W	Red Port light 112.5°	2 pcs red	33 LM
G011205	3.4W	Bi-Color bow light 225°	2 pcs green+2 pcs red	110 LM

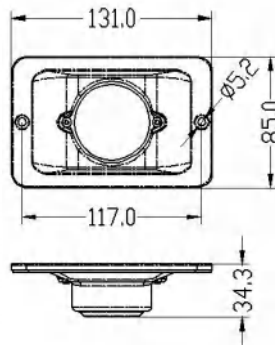
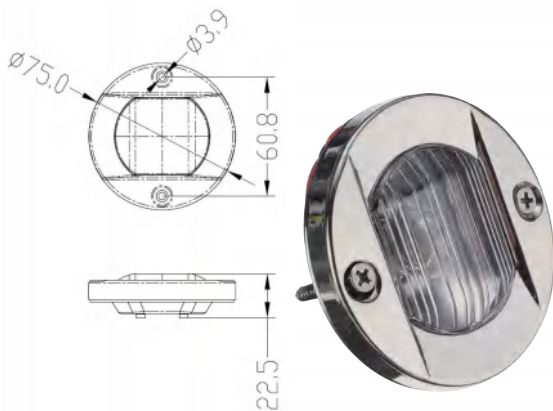
### BI-COLOR BOW LIGHT 12VDC 225°



For boats up to 39.4 ft (12m).IP65. Surface mount .Colored lens .

P/N	Material	Bulb Type	Visibility	Voltage Wattage	Lumen
G011072	Chrome-plated zinc	LED ( 12 pcs 5 Φ )	1NM	12 VDC / 0.7W	5 LM
G011073	Stainless Steel	LED ( 24 pcs "2835")	2NM	10-30 VDC / 2W	50 LM

### STERN LIGHT 12VDC 2.2W 2 NM



Made of 304 Stainless Steel. For boats up to 65.6 ft (20m). IP66.

P/N	Description	Bulb Type	Color	Lumen
G011053	Round Stern Light 135°	LED (6 pcs SMD 2835)	Cool White	147 LM
G011053W	Round Stern Light 135°	LED (6 pcs SMD 2835)	Warm White	147 LM
G011055	Round Stern Light 135°	LED (6 pcs SMD 2835)	Bule	35 LM
G011062	Rectangle Stern Light 135°	LED (6 pcs SMD 2835)	Cool White	170 LM

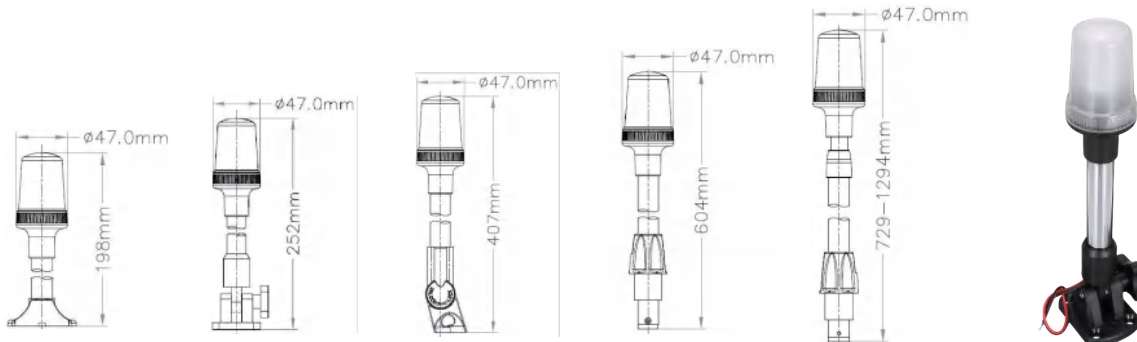
## LED ALL-ROUND LIGHT 12VDC 1.5W 2NM



Made of Plastic and Stainless Steel. For boats up to 65.6ft (20m) . IP 65.  
Color Temperature: Daylight White 4000-4500K Angle: 360 ° Lumen:78 LM

P/N	Telescopic	Overall Length	Certificate
G011189-4	Fixed mount	4" ( 106 mm )	USCG 2NM
G011189-7	Fixed mount	7-1/2" ( 186 mm )	USCG 2NM
G011289-9N	Adjustable mount	9-1/2" ( 241 mm )	USCG 2NM
G011289-25N	Adjustable mount	25" ( 635 mm )	USCG 2NM
G011589-24	Plug-in mount	24" ( 593 mm )	USCG 2NM
G011589-24 B	Plug-in with base	24" ( 593 mm )	USCG 2NM
G011689	Plug-in mount	28-1/4" -- 50-1/2"	USCG 2NM
(Telescopic Aluminum Pole)		( 718-1283 mm )	

## LED ALL-ROUND LIGHT SERIES 12-24VDC



Made of Plastic and Stainless Steel. For boats up to 65.6ft (20m) .  
IP 65. Wattage:2.5W Bulb Type :LED

P/N	Base	Height	Base color	Lumen
G011180	Fixed mount	8" ( 198 mm )	Black	250 LM
G011280	Adjustable mount	10" ( 252 mm )	Black	250 LM
G011280-25	Adjustable mount	25" ( 635 mm )	Black	250 LM
G011380	Adjustable mount	16" ( 407 mm )	Black	250 LM
G011580	Plug-in mount	24" ( 604 mm )	Black	250 LM

## LED BI-COLOR LIGHT 12VDC 1.5W



Made of Plastic and Stainless Steel. For boats up to 39.4ft (12m) . IP 65.  
Color Temperature: Daylight White 4000-4500K

P/N	Bulb Type	Base	Height	Base color	Lumen
G011502	LED	Plug-in mount	12" ( 306 mm )	Black	15 LM
G011512	LED	Fixed mount	4" ( 99 mm )	Black	15 LM
G011512-WH	LED	Fixed mount	4" ( 99 mm )	White	15 LM



### LED NAVIGATION SIDELIGHT 12VDC 1W



Made of 304 Stainless Steel. For boats up to 39.4 ft (12m). IP66.

LED(SMD 5050):3 pcs green Flush mount . Colored LED in clear lens .

P/N	Type	Angle	Visibility	Lumen
G011002 (Pair)	Green Starboard light	112.5°	1NM	62 LM
	Red Port light	112.5°	1NM	19 LM

### SURFACE MOUNT HULL LIGHT



LED Wattage:3.5 W. Voltage: 12 VDC IP:66 Illumination 300 Candela  
 Bezel : 316 Stainless Steel UV resistant. Surface mount

P/N	Color Temperature	Dims. (L x Wx H)
GM-EP-L 0741 (pair)	6300 k	105x62x34mm

### LED ALL-ROUND LIGHT SERIES 12-24VDC

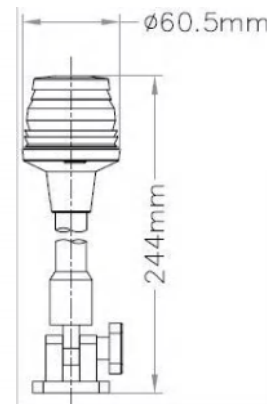
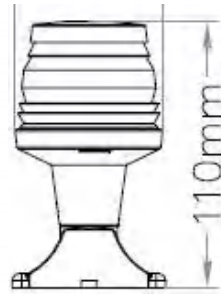


Made of Plastic and Stainless Steel. For boats up to 65.6ft (20m). IP 65.

Color Temperature: Daylight White 4000-4500K Wattage:2.5 W Lumen:250 LM

P/N	Base color	Base	Height
G011042	Black	Fixed mount	1-3/4" ( 71 mm )
G011142	Black	Fixed mount	4-7/8" ( 124 mm )
G011142-WH	White	Fixed mount	4-7/8" ( 124 mm )
G011142-12	Black	Adjustable mount	12-1/2" ( 318 mm )
G011242-9	Black	Adjustable mount	9-1/2" ( 248 mm )
G011242-25	Black	Adjustable mount	25" ( 642 mm )
G011342-16	Black	Plug-in mount	16" ( 403 mm )
G011542-24	Black	Plug-in mount	24" ( 600 mm )
G011542-36	Black	Plug-in mount	36" ( 905 mm )

**LED ALL-ROUND LIGHT SERIES 12-24VDC**

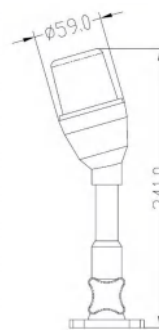


Made of Plastic and Stainless Steel. For boats up to 65.6ft (20m). IP 65 Lumen: 250 LM Color Temperature: Daylight White 4000-4500K. Wattage:2.5W Base color: Black

P/N	Base	Height
G011162-D	Fixed mount	4-7/8" ( 124 mm )
G011262-D	Adjustable mount	9-1/2" ( 248 mm )
G011262	Adjustable mount	9-1/2" ( 248 mm )
G011362	Plug-in mount	16" ( 403 mm )
G011562	Plug-in mount	24" ( 600 mm )
G011662	Adjustable mount	28-1/4"~50-1/2" ( 718-1283 mm )

(Telescopic Aluminum Pole)

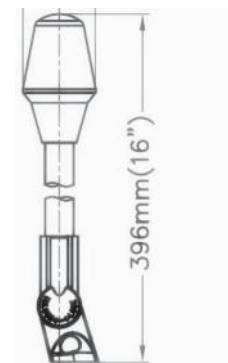
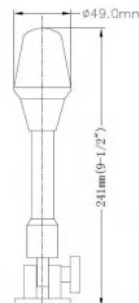
**TRI-COLOR LIGHT 12-24VDC 2 NM 2.5W**



Made of Stainless Steel Tube. For boats up to 65.6ft (20m) . Angle:360° Overall Length : 241 mm Lumen: 250 LM Bulb Type:LED

P/N	Mount Base	color
G011082-LD	Adjustable	White
G011083-LD	Adjustable	Red + Green + White

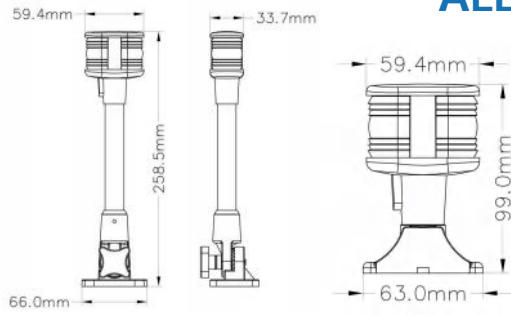
**ALL-ROUND LIGHT 12-24VDC 2.5W**



Made of Plastic and Stainless Steel. For boats up to 65.6ft (20m). Lumen: 206 LM Color Temperature: Daylight White 4000-4500K Bulb Type:LED Base color:Black IP 65.

P/N	Base	Height
G011081-LD	Fixed mount	9" ( 318 mm )
G011181-LD	Adjustable mount	9-1/2" ( 248 mm )
G011381-LD	Plug-in mount	16" ( 403 mm )
G011581-LD	Adjustable mount	24" ( 600 mm )

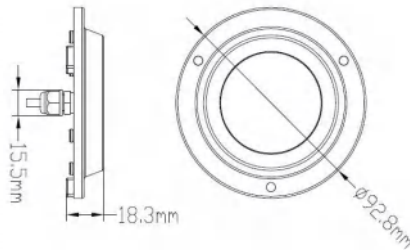
### ALL-ROUND AND MASTHEAD LIGHT 2NM



Made of Stainless Steel Tube. For boats up to 39.4 ft (12m). Angle:225/360° Voltage : 12 VDC

P/N	Bulb Type	Base	Height	Wattage	Lumen
G011185	Tungsten lamp	Fixed mount	4" ( 99 mm )	8 W × 2	/
G011185D	LED	Fixed mount	12" ( 293 mm )	3.1 W	186 LM
G011185L	Tungsten lamp	Fixed mount	12" ( 293 mm )	8 W × 2	/
G011185LD	LED	Fixed mount	10" ( 259 mm )	3.1 W	186 LM
G011186	Tungsten lamp	Adjustable mount	10" ( 259 mm )	8 W × 2	/
G011186D	LED	Adjustable mount	4" ( 99 mm )	3.1 W	186 LM

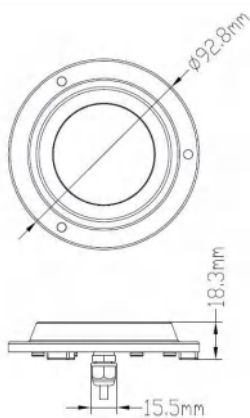
### LED UNDERWATER LIGHT 12W



High quality S.S.316 under water light are designed to be internal driver, easy to installed on the boat surface. LED Power : 6 × 3 W Water Proof Level: IP68 Cover Material: S.S.316 polished Working Voltage: 10-30 VDC Mount Type: Surface mount Diameter: 3"-2/3"(92.8mm) Viewing Angle: 90°

P/N	LED Lumen	Color	Color Temperature	Effective Lumen
G019018	6 × 170 LM	White	5500-6300 K	590 LM
G019019	6 × 35 LM	Bule	/	125 LM

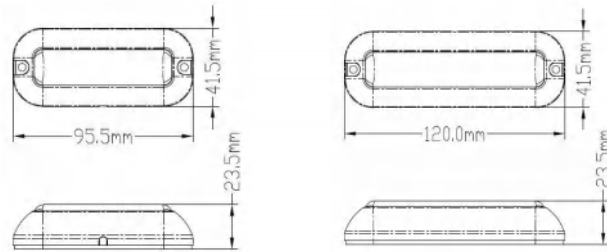
### LED MULTI-COLOR UNDERWATER LIGHT



Working Voltage: 12-24 VDC. Water Proof Level: IP68.Cover Material: S.S.316 polished. Viewig Angle : 90° Mount Type: Surface mount.Diameter: 3"-2/3"(92.8mm). RF remote control (433 MHz)/ switch control. RGBW+7 MUTI-colors. 4 type mode. Unlimited number of lamps change color at the same time.

P/N	Type	LED Lumen	LED Type	LED power
G019021	Muti-Color	R:180LM, G:480LM, B:102LM, W:540LM	4×1W RGBW LED	6×4W
G019021-C	Main Controller	/	/	/
G019021-C1	Vice Controller	/	/	/

**LED UNDERWATER LIGHT 90°**

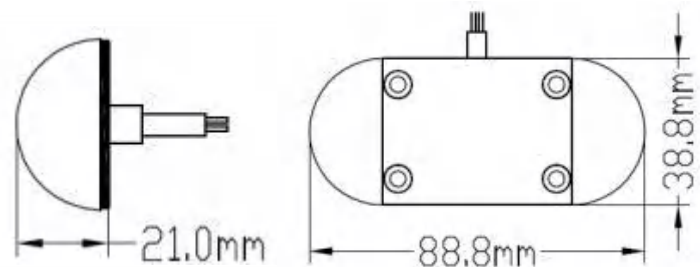


High quality under water light are designed to be internal driver, easy to installed on the boat surface. Working Voltage: 10-30 VDC

Cover Material: S.S.316 polished Mount Type: Surface mount Water Proof Level: IP68

P/N	Color	LED Power	Output (W)	LED Lumen	Length Inch/Meter	Effective Lumen
G019001	White	27×0.2 W	3.6 W	27×24 LM	3-5/6'' (95.5 mm)	343 LM
G019002	Blue	27×0.2 W	3.6 W	27×6 LM	3-5/6'' (95.5 mm)	74 LM
G019003	White	27×0.2 W	3.6 W	27×23 LM	3-5/6'' (95.5 mm)	340 LM
G019002-WB	Blue	27×0.2 W×2			3-5/6'' (95.5 mm)	
G019004	Green	39×0.2 W	5.2 W	39×190 LM	4-3/4'' (120 mm)	710 LM
G019005	White+Blue	39×0.2 W	5.2 W	39×35 LM	4-3/4'' (120 mm)	159 LM

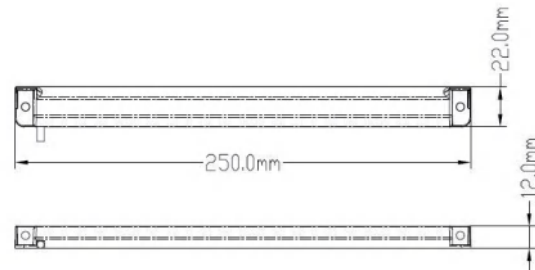
**LED UNDERWATER LIGHT 60°**



Working Voltage: 12 VDC Water Proof Level: IP68 Mount Type: Surface mount Housing Material : PC Length Inch/Meter : 3-1/2'' (89 mm) Housing Material: PC

P/N	Color	LED Power	Output (W)	LED Lumen	Effective Lumen
G018005-WH	White	6 × 0.2 W	1.1 W	6 × 24 LM	98 LM
G018005-BU	Blue	6 × 0.2 W	1.1 W	6 × 6 LM	18 LM

**LED TRIM TABTRASOM UNDERWATER LIGHT BAR**

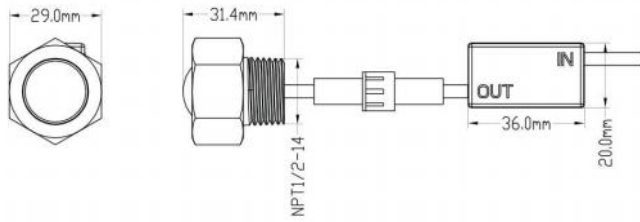


High quality under water light are designed to be internal driver, easy to installed on the boat surface. Working Voltage: 12-24 VDC Water Proof Level: IP68 Mount Type: Surface mount Length Inch/Meter : 9-5/6'' (250 mm) Housing Material : PC Viewig Angle: 30°

P/N	Color	LED Power	Output (W)	LED Lumen	Effective Lumen
G019007	one pair white	21 × 0.2 W	2.4 W	21 × 24 LM	314 LM
G019008	one pair blue	21 × 0.2 W	2.4 W	21 × 6 LM	62 LM

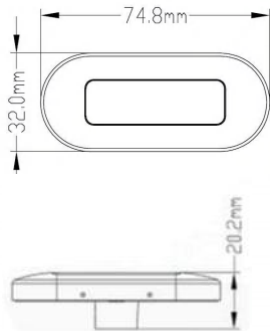


### LED MULTI-COLOR UNDERWATER LIGHT



Working Voltage: 12 VDC Water Proof Level: IP68 Mount Type: Plug mount  
Material : Brass Thread Inch : 1/2"NPT

P/N	Color	LED Power	Output (W)	Effective Lumen	Voltage	Viewig Angle
G019011	White	2 × 0.5 W	0.4 W	16 LM	12 VDC	60°
G019012	Blue	2 × 0.5 W	0.4 W	3 LM	12 VDC	60°
G019014	White	1 × 7 W	6 W	538 LM	10 – 30 VDC	75°
G019015	Blue	1 × 7 W	6 W	97 LM	10 – 30 VDC	75°

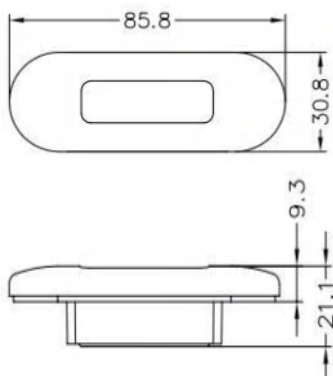


### LED OBLONG COURTESY LIGHT 12VDC



Made of S.S.316 and PC base. Wattage : 0.5 W. Flush mount .  
Protection grade : I P 67 LED Power: 3 × 0.2 W

P/N	Color & Color Temperature	Effective Lumen
G013106-CWH	Cool White (5500-6300 k)	32 LM
G013106-BU	Warm White (2900-3200 k)	5 LM
G013106-WH	Bule	32 LM



### LED COURTESY LIGHT



Made of S.S.304. Working Voltage: 12 VDC Protection grade : I P 67  
Wattage : 0.36 W. Mount Type: Flush mount . LED Power: 2 × 0.2 W

P/N	Material	Color & Color Temperature	Effective Lumen
G013041C	PC	Cool White (5500-6300 k)	12.5 LM
G013042	PC	Bule	2 LM
G013044C	PC+S. S. 304	Cool White (5500-6300 k)	11 LM
G013045	PC+S. S. 304	Bule	2 LM

**LED COURTESY LIGHT**



Working Voltage: 12 VDC Mount Type: Surface mount . Wattage : 1.2 W.  
 Made of S.S.304 and PC Protection Grade : IP 67.

P/N	Color & Color Temperature	LED Power	Effective Lumen
G012081	Cool White (5500-6300 k)	6 × 0.2 W	83 LM
G012082	Bule	6 × 0.2 W	22 LM

**LED COURTESY LIGHT**



Working Voltage: 12 VDC Mount Type: Surface mount . LED:5 PCS  
 Wattage : 0.5 W. Material : PC Protection Grade : IP 65

P/N	Color & Color Temperature	LED	Effective Lumen
G013051	Warm White (2900-3200 k)	5 PCS	38 LM
G013052	Blue	5 PCS	12 LM

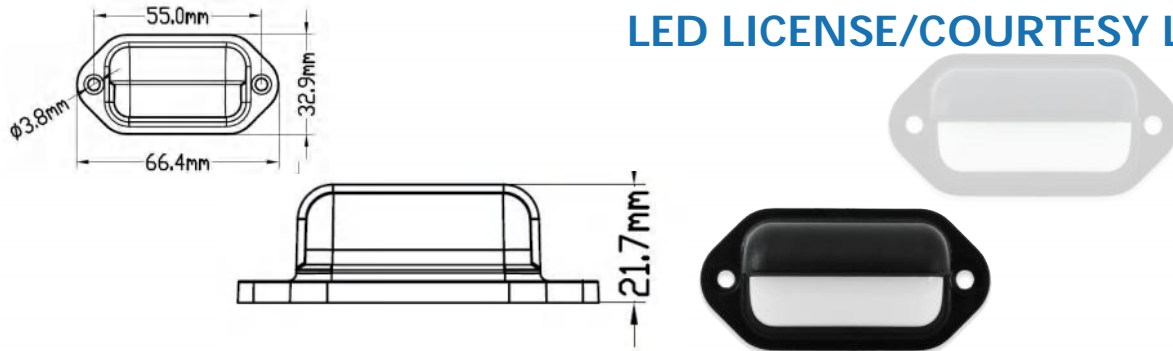
**LED COURTESY LIGHT**



Working Voltage: 12 VDC Mount Type: Flush mount . Wattage : 0.5 W.  
 Material : PC Protection Grade : IP 67 LED Power: 3 × 0.2 W

P/N	Housing Color	Color & Color Temperature	Effective Lumen
G013106-CWHW	White	Cool White (5500-6300 k)	32 LM
G013106-BUW	White	Warm White (2900-3200 k)	5 LM
G013106-CWHB	White	Bule	32 LM
G013106-WHW	Black	Cool White (5500-6300 k)	32 LM
G013106-WHB	Black	Warm White (2900-3200 k)	32 LM
G013106-BUB	Black	Bule	5 LM

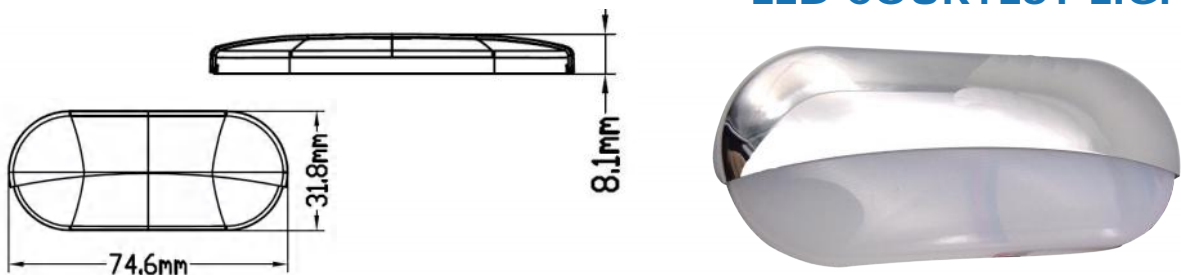
LED LICENSE/COURTESY LIGHT



Working Voltage: 12 VDC Mount Type: Flush mount . Wattage : 0.6 W.  
Material : PC Protection Grade : IP 67 LED Power: 3 × 0.2 W.

P/N	Housing Color	Color & Color Temperature	Effective Lumen	lens
G013108-WH	White	Cool White (5500-6300 k)	46 LM	White
G013118-WH	White	Bule	7 LM	White
G013008-BK	Black	Cool White (5500-6300 k)	46 LM	Clear
G013108-BK	Black	Bule	7 LM	White
G013118-BK	Black	Cool White (5500-6300 k)	46 LM	White

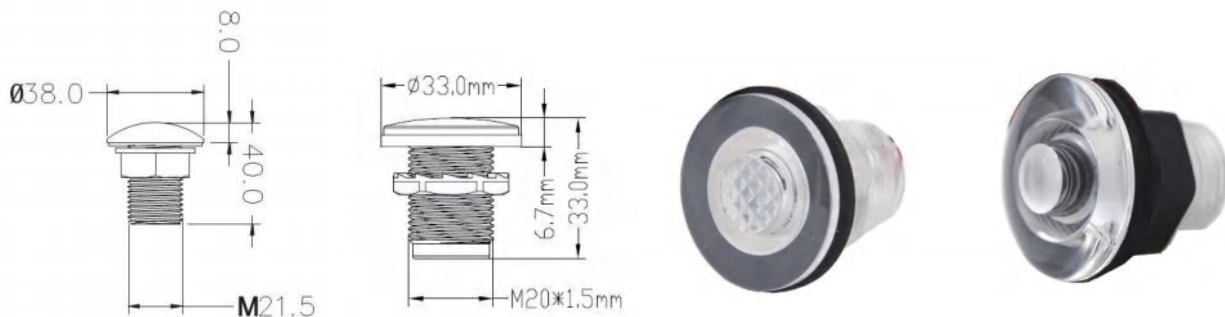
LED COURTESY LIGHT



Voltage: 12 VDC Mount Type: Flush mount . Wattage : 0.4 W.  
Material:PC+Stainless Steel Protection Grade : IP 67. LED Power: 4 × 0.2 W

P/N	Housing Color	Color & Color Temperature	Effective Lumen
G013107-WH	White Cool	White (5500-6300 k)	18 LM

LED COURTESY LIGHT

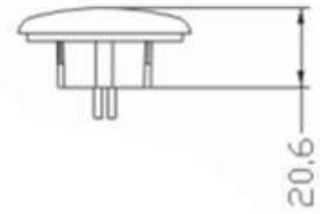
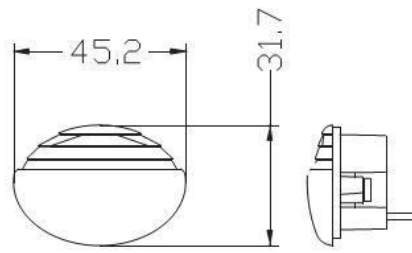


Working Voltage: 12 VDC Mount Type: flush mount .  
Wattage : 0.2 W. Material : PC Protection Grade : IP 68

P/N	Color & Color Temperature	Effective Lumen
G013011	Cool White (5500-6300 k)	12.5 LM
G013012	Blue	2 LM
G013021	Cool White (5500-6300 k)	11 LM
G013023	Blue	2 LM



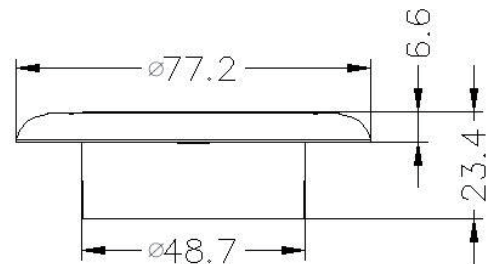
**LED COURTESY LIGHT**



Working Voltage: 12 VDC Mount Type: Flush mount . Wattage : 0.21 W.  
Material : PC Plating Protection Grade : Splashproof LED Power: 1 × 0.2 W

P/N	Color & Color Temperature	Effective Lumen
G013101	Cool White (5500–6300 k)	2 LM

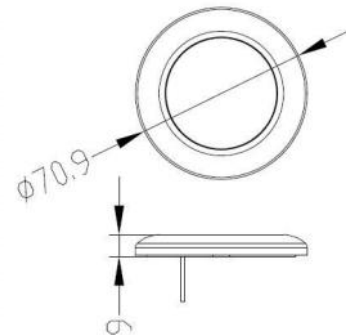
**LED CEILING LIGHT**



Working Voltage: 12 VDC . Mount Type: Flush mount IP Rating: IP66.  
LED Power: 3 × 0.2 W. Wattage : 0.5 W.

P/N	Material	Color & Color Temperature	Effective Lumen
G013031	PC	Cool White (5500–6300 k)	45 LM
G013033	PC	Bule	8 LM
G013034	PC+S. S. 304	Cool White (5500–6300 k)	45 LM
G013035	PC+S. S. 304	Bule	8 LM

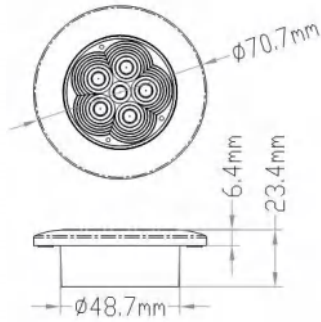
**LED CEILING LIGHT**



Working Voltage: 12 VDC Mount Type: Surface mount . Wattage : 1 W.  
LED Power: 6 × 0.2 W. Protection Grade : IP 67

P/N	Material	Color & Color Temperature	Effective Lumen
G012071	PC+S. S. 304	Cool White (5500–6300 k)	95 LM
G012072	PC+S. S. 304	Bule	13 LM

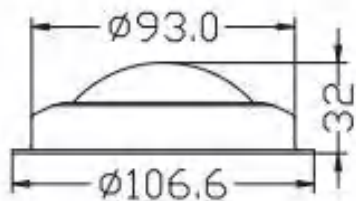
**LED CEILING LIGHT**



Working Voltage: 12 VDC . Wattage: 1 W. Mount Type: Flush mount  
IP Rating: IP66. LED Power: 6 × 0.2 W.

P/N	Material	Color & Color Temperature	Effective Lumen
G012041C	PC	Cool White (5500-6300 k)	75 LM
G012041	PC	Warm White (2900-3200 k)	8 LM
G012042	PC	Blue	75 LM
G012044C	PC+ Stainless Steel	Cool White (5500-6300 k)	75 LM
G012044	PC+ Stainless Steel	Warm White (2900-3200 k)	75 LM
G012045	PC+ Stainless Steel	Blue	15 LM

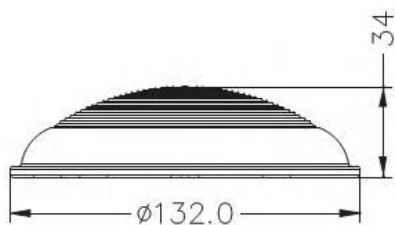
**LED CEILING LIGHT**



Working Voltage: 12 VDC Mount Type: Surface mount .  
Wattage : 3.6 W. LED 2835" : 20 × 0.2 W

P/N	Housing Material	Color & Color Temperature	Effective Lumen	Lens
G012013	Brass	White (5500-6300 k)	260 LM	3 inch
G012023	S. S. 304	White (5500-6300 k)	272 LM	3 inch
G012024	Brass	White (5500-6300 k)	260 LM	4 inch
G012014	S. S. 304	White (5500-6300 k)	272 LM	4 inch
G012024WR30	S. S. 304	Red / White (5500-6300 k)	272 LM	4 inch
G012033	Brass	White (5500-6300 k)	268 LM	5 inch
G012034	S. S. 304	White (5500-6300 k)	268 LM	5 inch

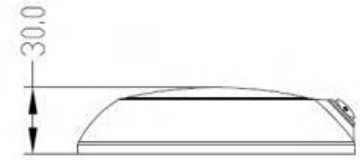
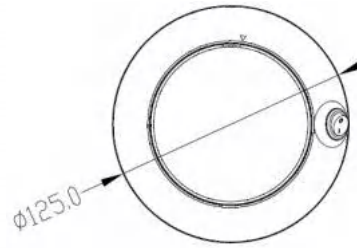
**LED CEILING LIGHT**



Working Voltage: 8-30 VDC Mount Type: Surface mount .  
Wattage : 3.1 W. LED "2835" : 20 PCS

P/N	Housing Material	Color & Color Temperature	Effective Lumen	Lens
G012025	S. S. 304	White (5500-6300k)	98 LM	4 inch

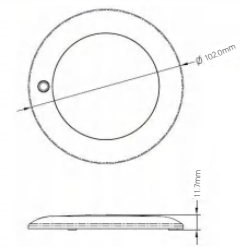
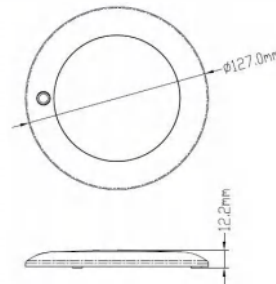
**LED CEILING LIGHT**



Working Voltage: 12 VDC Mount Type: Surface mount .  
Wattage : 4.4 W. LED "2835" : 24 PCS.

P/N	Housing Material	Color & Color Temperature	Effective Lumen	Lens
G012052	PC	Warm White (2900-3200 k)	328 LM	4 inch

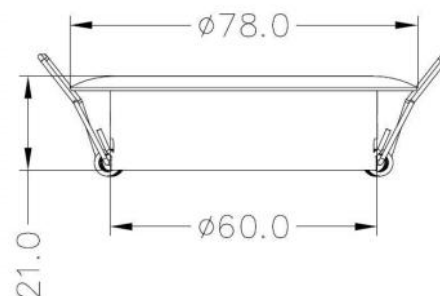
**LED CEILING LIGHT**



Working Voltage: 10-30 VDC . Wattage: 6 W. Mount Type: Surface mount LED : 42 × 0.2 W.

P/N	Housing Material	Color & Color Temperature	Diameter
G012008	PC	Warm White (2900-3200 k)	127mm/5"
G012008-C	PC	Cool White (5800-6300 k)	127mm/5"
G012008-02	PC	Warm White (2900-3200 k)	102mm/4"
G012008-02C	PC	Cool White (5800-6300 k)	102mm/4"

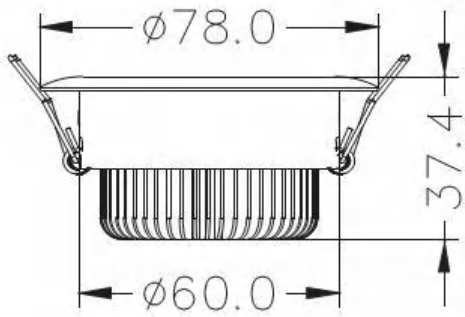
**LED CEILING LIGHT**



Working Voltage: 8-30 VDC Mount Type: Surface mount . Wattage : 3 W. LED : 1 × 3 W

P/N	Housing Material	Color & Color Temperature	Effective Lumen
G018001	Stainless Steel	RGBW (White 5500-6300k)	White:83 LM Red:32 LM Green:74 LM Blue:17 LM

LED CEILING LIGHT



Working Voltage: 8-30 VDC Mount Type: Surface mount . Wattage : 3 W.

P/N	Color Temperature	Material
G012001	Warm White (2800-3000k)	Stainless Steel

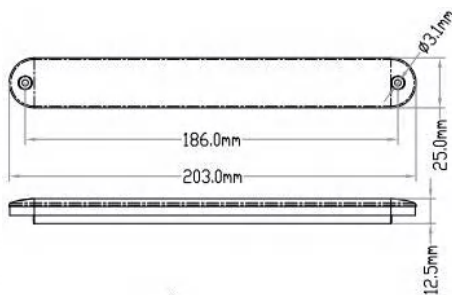
LED STRIP LIGHT 12VDC



Working Voltage: 12 VDC Mount Type: Surface mount . Wattage : 3 W. . LED "5050" : 18 PCS

P/N	Housing Material	Color & Color Temperature	IP Rating	Length
G014052	Aluminum	Warm White (2900-3200 k)	IP 67	300 mm

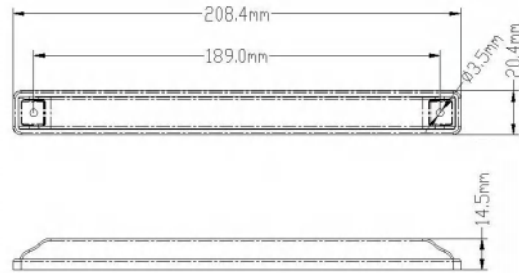
LED STRIP LIGHT 12VDC



Working Voltage: 12 VDC . Wattage: 1 W. Housing Material:PC  
Mount Type: Flush mount IP Rating : IP 67.

P/N	Color & Color Temperature	LED "2835"	Effective Lumen	Wattage
G014031	White (5500-6300 k)	6 × 0.2 W	73 LM	1.2 W
G014032	Bule	6 × 0.2 W	12 LM	1.2 W
G014033	Bule	15 × 0.2 W	55 LM	3 W
G014034	White (5500-6300 k)	15 × 0.2 W	202 LM	3 W

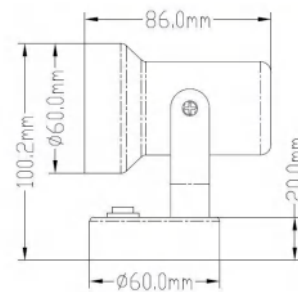
### LED STRIP LIGHT 12 VDC



Working Voltage: 12 VDC . Wattage: 1 W. Housing Material:PC  
Mount Type: Surface mount IP Rating : IP 67 .

P/N	Color & Color Temperature	LED "2835"	Effective Lumen	Wattage
G014041	White (5500-6300 k)	6 × 0.2 W	73 LM	1.2 W
G014042	Bule	6 × 0.2 W	12 LM	1.2 W
G014043	Bule	15 × 0.2 W	55 LM	3 W
G014044	White (5500-6300 k)	15 × 0.2 W	231 LM	3 W

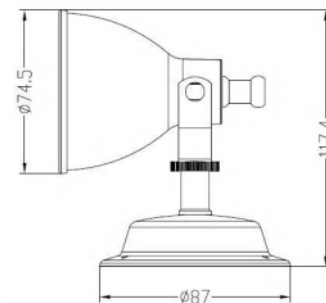
### LED READING LIGHT 12 VDC



Working Voltage: 12 VDC Mount Type: Surface mount .  
Wattage : 3.1 W. Housing Material:Stainless Steel

P/N	Color & Color Temperature	LED "2835"	Effective Lumen
G015001	Warm White (2900-3200 k)	16 PCS	102 LM
G015002	Warm White (2900-3200 k)	16 PCS	102 LM

### LED BRASS READING LIGHT 12VDC

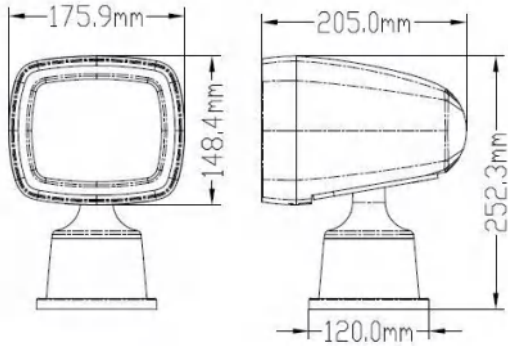


Working Voltage: 12 VDC Mount Type: Surface mount . Wattage : 0.5 W. LED "5050" : 18 PCS.

P/N	Housing Material	Color & Color Temperature	LED "Φ5"	Effective Lumen
G015011	Brass Lacquered	Warm White (2900-3200 k)	12 PCS	26 LM



**LED SPOT LIGHT**

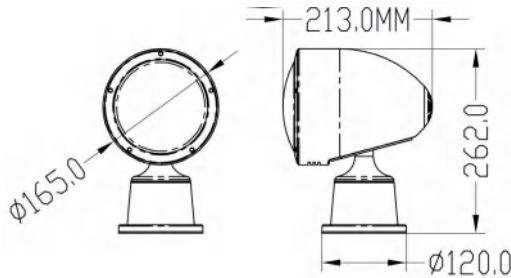


High quality LEDs for maximum light output and energy efficiency.  
 Perfect beams of light to eliminate dark spot. Extremely bright.

Effective Wattage: 27W    Housing Material:PC Working Voltage: 10-30 VDC. LED Wattage: 60 W  
 Mount Type: Surface mount . Rotation: 355° & E 70° 50M distance RF remote control IP Rating: Ip65

P/N	Color & Color Temperature	LED	Effective Lumen	Viewig Angle
G016001	White (5500-6300 k)	12 × 5 W	1600 LM	8°

**LED SPOT LIGHT 8-30 VDC**

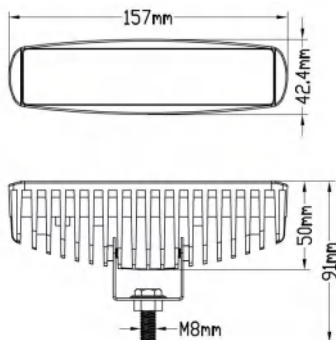


High quality LEDs for maximum light output and energy efficiency.  
 Perfect beams of light to eliminate dark spot. Extremely bright.

Working Voltage: 10-30 VDC. LED Wattage: 45 W Effective Wattage: 21 W Housing Material:PC  
 Mount Type: Surface mount . Rotation: 355° & E 70° 50M distance RF remote control IP Rating: IP65

P/N	Color & Color Temperature	LED	Effective Lumen	Viewig Angle
G016002	White (5500-6300 k)	9 × 5 W	1600 LM	8°

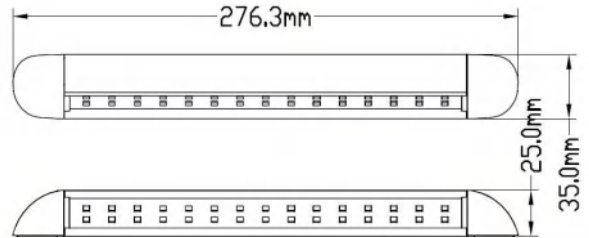
**LED DECK LIGHT 10-30 VDC**



LG High quality LEDs for maximum light output and energy efficiency.  
 Working Voltage: 10-30 VDC IP Rating: IP68  
 LED Wattage: 18 W. Mount Type: Bracket mount  
 Effective Wattage: 14 W. Housing Material:Aluminum

P/N	Color & Color Temperature	LED	Effective Lumen	Viewig Angle
G013001	White (5500-6300 k)	"2835" 6 × 3 W	1003 LM	40°

### LED CARAVAN LIGHT 10-30 VDC



LED Wattage: 6 W. Effective Wattage: 3.3 W. Voltage: 10-30VDC IP Rating: IP67

P/N	Housing Material	Color & Color Temperature	Effective Lumen
G021001	Aluminum	White (6300 k)	30 X 0.2 W

### SURFACE MOUNT HULL LIGHT



LED Wattage: 5 W. Voltage: 12 VDC IP:66 Bezel : 316 Stainless Steel UV resistant. Illumination 300 Candela Surface mount

P/N	Color Temperature	Dims. (L x Wx H)
GM-EP-L 0743(pair)	6300 k	190x114x35mm

### MASTHEAD ALL-ROUND WHITE LIGHT



Made of 304 Stainless Steel and spare bulb fixed mount 360 degree clear lens

P/N	Description	Size	Color
G090000	12V, 8W	1-1/2"H*2-5/16"D	White





### LED REPLACE BULB

LED Wattage: 6.6 W. Effective Wattage: 2.5 W.

Voltage: 10-24VDC Size: Overall length 50mm Material:PC+Ceramic

P/N	Color&Color Temperature	LED	Type
G001174-NWH	White (4500 k)	33 PCS X 0.2	WBA15D parallel double contacts

### REMOVABLE LED ALL-ROUND STERN LIGHT

Made of CastingBase and Stainless Steel Tubing. Wattage: 8 W. Voltage: 12 VDC

P/N	Length
G120200	9"



### LED NAVIGATION LIGHT

Made of 304 Stainless Steel

P/N	Description	Color
G100101	1.2w, 8-30v	Red
G100102	1.2w, 8-30v	Green



### LED NAVIGATION LIGHT 12-24VDC

Made of Nylon

P/N	Color
G100103	White
G100104	Black



## NAVIGATION LIGHT BI-COLOUR



Made of 304 stainless steel

P/N	Width	Length	Bulb
G060100	2-1/2"	3-1/4"	12V 8W
G060200	2-1/2"	3-1/4"	LED

## LED SPOT LIGHT



Made of cast aluminum

8 super LED's maximum illumination 12V 8W

P/N	Width	Length
G070100	4-1/3"	4"

## 50W LED SEARCHLIGHT WITH REMOTE CONTROL



P/N	Color
G020090B	Black
G020090W	White

## LED FISHING LIGHT

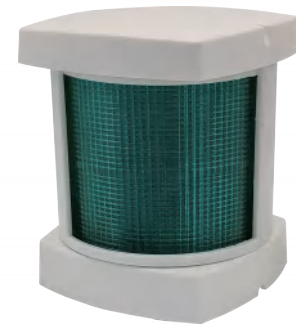


P/N	Color
G300101	White
G300102	Green
G300103	Bule

NAVIGATION LIGHT 12V/24V

Material:ABS plastic Angles:112.5°

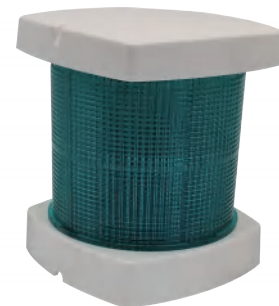
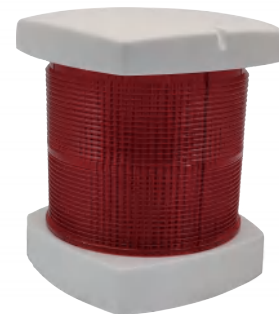
P/N	Housing	Lens color	Size
G000701W-Bulb	White	Red	D:70*80MM
G000701B-Bulb	Black	Red	D:70*80MM
G000701W-LED	White	Red	D:70*80MM
G000701B-LED	Black	Red	D:70*80MM
G000702W-Bulb	White	Green	D:70*80MM
G000702B-Bulb	Black	Green	D:70*80MM
G000702W-LED	White	Green	D:70*80MM
G000702B-LED	Black	Green	D:70*80MM
G000901W-Bulb	White	Red	D:92*108MM
G000901B-Bulb	Black	Red	D:92*108MM
G000901W-LED	White	Red	D:92*108MM
G000901B-LED	Black	Red	D:92*108MM
G000902W-Bulb	White	Green	D:92*108MM
G000902B-Bulb	Black	Green	D:92*108MM
G000902W-LED	White	Green	D:92*108MM
G000902B-LED	Black	Green	D:92*108MM



ALL ROUND LIGHT 12V/24V

Material:ABS plastic Angles:360°

P/N	Housing	Lens color	Size
G000705W-Bulb	White	Red	D:70*80MM
G000705B-Bulb	Black	Red	D:70*80MM
G000705W-LED	White	Red	D:70*80MM
G000705B-LED	Black	Red	D:70*80MM
G000706W-Bulb	White	Green	D:70*80MM
G000706B-Bulb	Black	Green	D:70*80MM
G000706W-LED	White	Green	D:70*80MM
G000706B-LED	Black	Green	D:70*80MM
G000905W-Bulb	White	Red	D:92*108MM
G000905B-Bulb	Black	Red	D:92*108MM
G000905W-LED	White	Red	D:92*108MM
G000905B-LED	Black	Red	D:92*108MM
G000906W-Bulb	White	Green	D:92*108MM
G000906B-Bulb	Black	Green	D:92*108MM
G000906W-LED	White	Green	D:92*108MM
G000906B-LED	Black	Green	D:92*108MM
G000707W-Bulb	White	Transparent	D:70*80MM
G000707B-Bulb	Black	Transparent	D:70*80MM
G000707W-LED	White	Transparent	D:70*80MM
G000707B-LED	Black	Transparent	D:70*80MM
G000907W-Bulb	White	Transparent	D:92*108MM
G000907B-Bulb	Black	Transparent	D:92*108MM
G000907W-LED	White	Transparent	D:92*108MM
G000907B-LED	Black	Transparent	D:92*108MM



## MASTERHEAD LIGHT 12V/24V



Material:ABS plastic

P/N	Housing	Lens color	Angles	Size
G000703W-Bulb	White	Transparent	225°	D:70*80MM
G000703B-Bulb	Black	Transparent	225°	D:70*80MM
G000703W-LED	White	Transparent	225°	D:70*80MM
G000703B-LED	Black	Transparent	225°	D:70*80MM
G000903W-Bulb	White	Transparent	225°	D:92*108MM
G000903B-Bulb	Black	Transparent	225°	D:92*108MM
G000903W-LED	White	Transparent	225°	D:92*108MM
G000903B-LED	Black	Transparent	225°	D:92*108MM

## STERN LIGHT 12V/24V



Material:ABS plastic

P/N	Housing	Lens color	Angles	Size
G000704W-Bulb	White	Transparent	135°	D:70*80MM
G000704B-Bulb	Black	Transparent	135°	D:70*80MM
G000704W-LED	White	Transparent	135°	D:70*80MM
G000704B-LED	Black	Transparent	135°	D:70*80MM
G000904W-Bulb	White	Transparent	135°	D:92*108MM
G000904B-Bulb	Black	Transparent	135°	D:92*108MM
G000904W-LED	White	Transparent	135°	D:92*108MM
G000904B-LED	Black	Transparent	135°	D:92*108MM

## NAVIGATION LIGHT 12V/24V



Material:ABS plastic

P/N	Housing	Lens color	Angles	Size
G000841-Bulb	Grey	Red	112.5°	D:123*146mm
G000841-LED	Grey	Red	112.5°	D:123*146mm
G000842-Bulb	Grey	Green	112.5°	D:123*146mm
G000842-LED	Grey	Green	112.5°	D:123*146mm

ALL ROUND LIGHT 12V/24V

Material:ABS plastic

P/N	Housing	Lens color	Angles	Size
G000845-Bulb	Grey	Red	360°	D:123*146mm
G000845-LED	Grey	Red	360°	D:123*146mm
G000846-Bulb	Grey	Green	360°	D:123*146mm
G000846-LED	Grey	Green	360°	D:123*146mm
G000848-Bulb	Grey	Transparent	360°	D:123*146mm
G000848-LED	Grey	Transparent	360°	D:123*146mm



MASTERHEAD/STERN LIGHT 12V/24V

Material:ABS plastic Size:D:123\*146mm Housing:Grey

P/N	Description	Lens color	Angles
G000843-Bulb	Masterhead Light	Transparent	225°
G000843-LED	Stern Light	Transparent	225°
G000844-Bulb	Masterhead Light	Transparent	135°
G000844-LED	Stern Light	Transparent	135°



LED NAVIGATION LIGHT 12V/24V

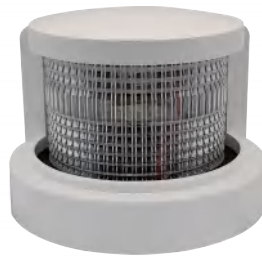
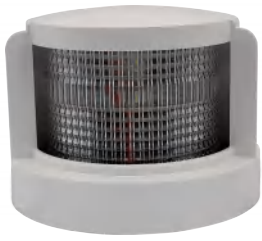
Material:ABS plastic,Housing:White

P/N	Description	Lens color	Angles	Size
G008610	port light	Red	112.5°	D:100*75mm
G008611	starboard light	Green	112.5°	D:100*75mm
G008618	Red all round light	Red	360°	D:100*75mm
G008620	Green all round light	Green	360°	D:100*75mm
G008622	White all round light	White	360°	D:100*75mm





## LED MASTERHEAD/STERN LIGHT 12V/24V



Material:ABS plastic Size:D:100\*75mm

P/N	Description	Housing	Lens color	Angles
G008614	Masthead light	White	Transparent	225°
G008616	Stern light	White	Transparent	135°

## NAVIGATION LIGHT 12V/24V



Material:ABS plastic +SS304

P/N	Description	Lens color	Angles	Size
G000801-LED	port light	Red	112.5°	D90*92MM
G000802-LED	starboard light	Green	112.5°	D90*92MM
G000803-LED	All round light	Transparent	360°	D90*92MM
G000801-Bulb	port light	Red	112.5°	D90*92MM
G000802-Bulb	starboard light	Green	112.5°	D90*92MM
G000803-Bulb	All round light	Transparent	360°	D90*92MM

## NAVIGATION LIGHT 12V/24V



Material:ABS plastic

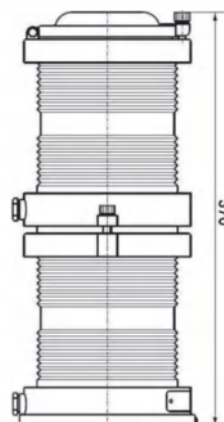
P/N	Housing	Lens color	Size
G000708W-Bulb	White	Green	135*60*47mm
G000708B-Bulb	Black	Green	135*60*47mm
G000709W-LED	White	Red	135*60*47mm
G000709B-LED	Black	Red	135*60*47mm

SIGNAL LIGHTS 12V/24V

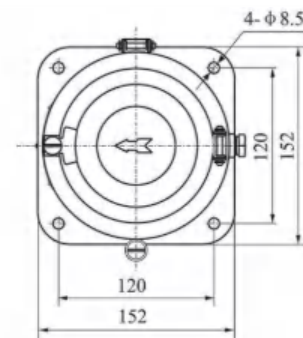


Base: BAY15d IP56 CABLE OD:10-12mm Weight:0.53KG

P/N	Description	Angles	Lens color	Bulb
GCXH1-3P	Starboard light	112.5°	Green	
GCXH2-3P	Port light	112.5°	Red	12V/15W
GCXH3-3P	Masthead light	225°	Transparent	24V/15W
GCXH4-3P-T	Transparent Stern light	135°	Transparent	
GCXH4-3P-Y	Yellow Stern light	135°	Yellow	
GCXH6-3P-R	Red all round light	360°	Red	12V/25W
GCXH6-3P-G	Green all round light	360°	Green	24V/25W
GCXH6-3P-W	White all round light	360°	White	



DOUBLE SIGNAL LIGHT



Lamp holder: B15d, Cable O.D:8mm Weight:2.3KG IP56

P/N	Description	Angles	Lens color	Bulb
GCXH1-20S	Double deck starboard light	112.5°	Green	24V/2*30W
GCXH2-20S	Double deck port light	112.5°	Red	24V/2*30W
GCXH3-20S	Double deck masthead light	225°	Transparent	24V/2*30W
GCXH4-20S-T	Double deck stern light	135°	Transparent	24V/2*30W
GCXH6-20S-Y	Double deck all round light	135°	Yellow	24V/2*30W
GCXH6-20S-R	Double Deck Red all round light	360°	Red	24V/2*30W
GCXH6-20S-G	Double Deck Green all round light	360°	Green	24V/2*30W
GCXH6-20S-W	Double Deck White all round light	360°	White	24V/2*30W



## NAVIGATION LIGHT 12V/24V



Material:ABS plastic

P/N	Housing	Lens color	Size
G711712W-Bulb	White	Red/Green (Pair)	89*57*36mm
G711712W-LED	White	Red/Green (Pair)	89*57*36mm
G711712B-Bulb	Black	Red/Green (Pair)	89*57*36mm
G711712B-LED	Black	Red/Green (Pair)	89*57*36mm

# ELECTRICAL ACCESSORIES

## MINI COMPACT HORN

Made of 304 Stainless Steel

P/N	Model	Volt	Diameter
I160100	Twin	12V 4A	3-1/4"
I160200	Single	12V 2A	3-1/4"



## BATTERY SWITCH

Made of plastic. Cranking Current: 1250 Amps 12VDC  
 Screw Bolt Diameter :10mm.  
 Continuous Current: 200 Amps .  
 If voltage is 24V, the Amp will reduce 50%.

P/N	Voltage ( VDC)	Operation	Size (mm)
I230201S	12V-48V	ON / OFF	68 x 68 x 76



## BATTERY SWITCH

Made of plastic. Cranking Current: 1250 Amps 12VDC  
 Continuous Current: 200 Amps .  
 Screw Bolt Diameter :10mm.  
 If voltage is 24V, the Amp will reduce 50%.

P/N	Voltage ( VDC)	Operation	Size (mm)
I230300	12V-48V	ON / OFF	69 x 69 x 80



## BATTERY SWITCH

Made of plastic. Cranking Current: 1250 Amps 12VDC  
 Continuous Current: 200 Amps .  
 Screw Bolt Diameter :10mm.  
 If voltage is 24V, the Amp will reduce 50%.

P/N	Voltage ( VDC)	Operation	Size (mm)
I230400	12V-48V	ON / OFF	69 x 69 x 75



### BATTERY SWITCH



Made of Zinc alloy plated brass.  
 Cranking Current: 500 A  
 Continuous Current: 125 A.  
 Weight :93 g Inside Diameter : 17 mm  
 If voltage is 24V, the Amp will reduce 50%.

P/N	Voltage ( VDC)	Cable Size	Size (mm)
I2320025	12V-24V	4-6AWG	85 x 36

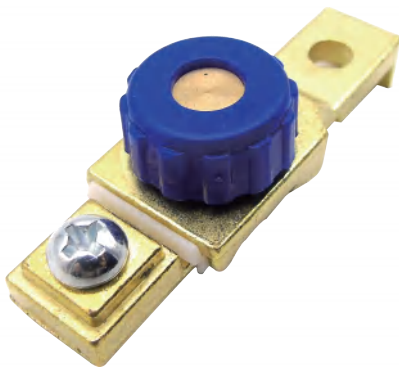
### BATTERY SWITCH



Made of Zinc alloy plated brass.  
 Cranking Current: 500 A  
 Continuous Current: 125 A.  
 Weight :120 g Inside Diameter : 17 mm  
 If voltage is 24V, the Amp will reduce 50%.

P/N	Voltage ( VDC)	Cable Size	Size (mm)
I232036	12V-24V	4-6AWG	86 x 36

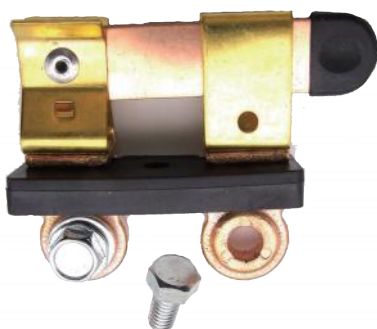
### BATTERY SWITCH



Made of Zinc alloy plated brass.  
 Cranking Current: 500 A  
 Continuous Current: 125 A.  
 Weight :35 g Inside Diameter : 17 mm  
 If voltage is 24V, the Amp will reduce 50%.

P/N	Voltage ( VDC)	Cable Size	Size (mm)
I232024	12V-24V	4-6AWG	20 x 63

### KNIFE-BLADE SWITCH



Made of Pure copper. Intermittent Current: 700 A  
 Continuous Current: 200 A. Weight : 210 g  
 If voltage is 24V, the Amp will reduce 50%.

P/N	Voltage ( VDC)	Cable Size	Size (mm)
I233001	12V-24V	4-6AWG	78 x 93

**BATTERY SWITCH**

Made of plastic. Cranking Current: 1250 Amps  
 Continuous Current: 250 Amps .  
 Screw Bolt Diameter :10mm.  
 If voltage is 24V, the Amp will reduce 50%.

P/N	Voltage ( VDC)	Operation	Size (mm)
I230701S	12V-48V	1-2-both-off	68 x 68 x 76



**BATTERY SWITCH**

Made of plastic. Cranking Current: 2500 Amps  
 Continuous Current: 500 Amps .  
 Screw Bolt Diameter :12mm.  
 If voltage is 24V, the Amp will reduce 50%.

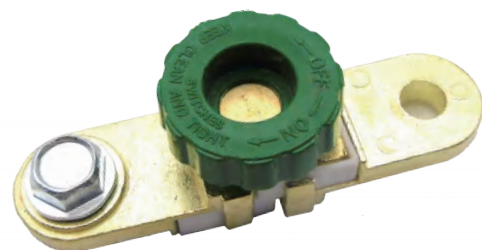
P/N	Voltage ( VDC)	Operation	Size (mm)
I230720	12V-48V	ON / OFF	100 x 100 x 85



**BATTERY SWITCH**

Made of Zinc alloy plated brass.  
 Cranking Current: 500 A  
 Continuous Current: 125 A. Weight : 155 g  
 If voltage is 24V, the Amp will reduce 50%.

P/N	Voltage ( VDC)	Cable Size	Size (mm)
I232027	12V-24V	4-6AWG	100 x 25



**BATTERY SWITCH**

Made of Zinc alloy plated brass.  
 Cranking Current: 500 A  
 Continuous Current: 125 A. Weight : 118 g  
 If voltage is 24V, the Amp will reduce 50%.

P/N	Voltage ( VDC)	Cable Size	Size (mm)
I232028	12V-24V	4-6AWG	60x32x16.5



## BATTERY SWITCH



Made of Copper. Intermittent Current: 1000 A  
 Continuous Current: 350 A. Weight : 650 g  
 If voltage is 24V, the Amp will reduce 50%.

P/N	Voltage ( VDC)	Operation	Size (mm)
I230804	12V-24V	ON / OFF	94 X 145

## BATTERY TERMINALS



Clamp type wing nut terminal made of lead alloy,  
 Brass plated wing nuts.  
 3/8" positive stud and 5/16" negative stud

P/N I010100

## BATTERY TERMINALS



Clamp type wing nut terminal made of lead alloy

P/N I010101

## BATTERY DISCONNECT SWITCH



Poly housing is rust and corrosion proof.

Key and cover prevent corrosion.

P/N	Mount	Stud	Description
I230200	2 Holes	M8	100A Continuous
I230100	4 Holes	M8	100A Continuous
I230110A	4 Holes	M10	100A Continuous
I230101			Key Only

**KNIFE-BLADE SWITCH**

Made of Pure Copper. Intermittent Current : 700 A  
 Continuous Current: 200 A. Weight : 229 g  
 If voltage is 24V, the Amp will reduce 50%.

P/N	Voltage ( VDC)	Cable Size	Size (mm)
I233002	12V-24V	4-6AWG	92 x 68 x 48



**BATTERY SWITCH**

Made of Copper. Cranking Current: 350 A  
 Intermittent Current: 1000 A. Weight : 240 g  
 If voltage is 24V, the Amp will reduce 50%.

P/N	Voltage ( VDC)	Operation	Size (mm)
I230803	12V-24V	ON / OFF	75 x 105



**BATTERY SWITCH**

Made of Plastic Intermittent Current: 200 A  
 Continuous Current: 100 A. Weight : 50 g  
 If voltage is 24V, the Amp will reduce 50%.

P/N	Voltage ( VDC)	Operation	Size (mm)
I230029	12V-24V	ON / OFF	43 x 65



**BATTERY SWITCH**

Made of Copper. Intermittent Current: 200 A  
 Continuous Current: 100 A. Weight : 50 g  
 If voltage is 24V, the Amp will reduce 50%.

P/N	Voltage ( VDC)	Operation	Size (mm)
I230805	12V-24V	ON / OFF	43 x 65





## TERMINAL BLOCK



Made of Bakelite and Brass

P/N	Base size	Gang
I030100	3"*1-1/2"	4
I030200	4-1/2"*1-1/2"	6

## FUSE BLOCK



Made of Bakelite and Brass

P/N	Base size	Gang
I040402	1-1/2"*2-3/4"	2
I040504	3"*2-3/4"	4
I040606	4-1/2"*2-3/4"	6

## PUSH PULL SWITCH



5A,2Position ON-OFF,chromed brass

P/N	Mounting holes	Shaft length
I090100	5/16"	1/4"
I090200	5/16"	7/8"

## TOGGLE SWITCH



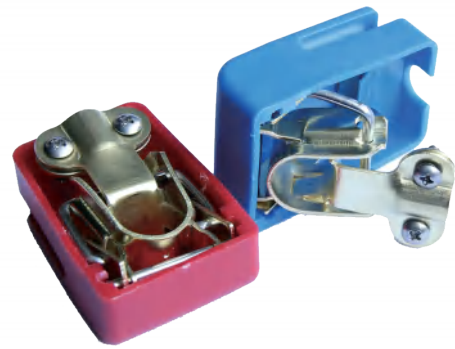
16A,3 Position ON-OFF-ON

P/N	Length	width	Description
I090300	0.78"	1.4"	Red lighted switch(12V)
I090400	0.78"	1.4"	Without lighting

### BATTERY TERMINAL

Made of Bakelite and Brass

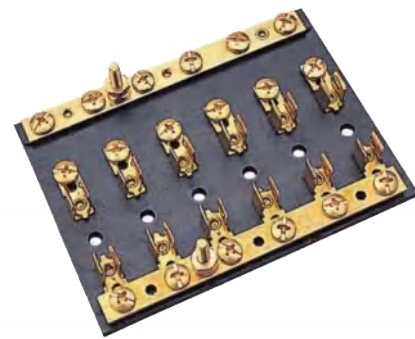
P/N	Length	Width	Height
I100100	2-1/2"	1-3/4"	1"



### FUSE & TERMINAL BLOCK

Made of Bakelite and Brass

P/N	Base size	Gang
I010110	3-1/4"*3"	4
I010200	3-1/4"*4-1/2"	6
I010300	3-1/4"*6"	8



### TERMINAL BLOCK

P/N	Base size	Dimension	Gang
I020100	5-3/4"*1-1/4	w/Nickel Plated Steel Bolts	10
I020200	5-3/4"*1-1/4	n w/Brass Bolts	10



## 12 V SWITCH PANEL



Black coated aluminum panel Complete .  
Weatherproof With 5A glass  
fuses and indicator lights.

P/N	Length	Width	Positions
I110100	4"	4"	3
I110200	5"	4"	4
I110300	6-3/4"	4"	6

## 12V CIGARETTE LIGHTER w/light



Made of 304 Stainless Steel  
RVS. Compleet met verlichting  
plug, aansteker en kabels.

P/N	I120100
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## INLINE-BLOWER



Inline-blower 12v 4.5A  
Capacity 90-120m<sup>3</sup>/h.

P/N	Diameter	Length
I140100	3"	5"

## INLINE-BLOWER



Inline-blower 12v 4.5A  
Capacity 207m<sup>3</sup>/h.

P/N	Diameter	Length
I190100	3"	8-3/8"

### TOGGLE SWITCH

10A,2 Position ON-OFF

P/N	Length	width
I130100	1.15"	0.62"



### DUAL POWER OUTLET

Converts 12 volt cigarette lighter socket to dual power outlet.  
LED light indicates power. Fuse included

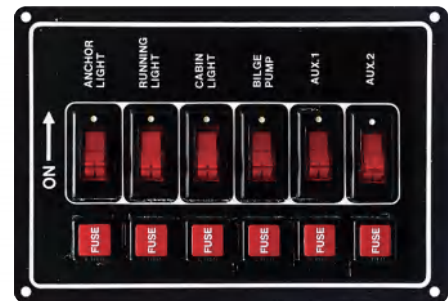
P/N	I020110
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### 12 V SWITCH PANEL

Black coated aluminum panel  
Complete with 5A Gas fuses.  
Lighted switches and function legends printed on adhesives.

P/N	Length	Width	Positions
I050104	5"	4-1/2"	4
I050306	6-1/2"	4-1/2"	6



### 12 V SWITCH PANEL

Black coated aluminum panel Complete.  
Lighted switches and function legends printed on adhesives.

P/N	Length	Width	Positions
I050404	5"	4-1/2"	4
I050206	6-1/2"	4-1/2"	6



## WATERPROOF MARINE SPEAKER



Waterproof two-way speakers , available 60 or 100 watt, Set of two.

P/N	Diameter	Install depth	Model	Bore	Color
I150100	6"	2"	60W	4-3/4"	White
I150101	6"	2"	60W	4-3/4"	Black
I150200	7"	2-1/2"	100W	6"	White

## WATERPROOF MARINE SPEAKER



Waterproof two-way speakers, set of two

P/N	Diameter	Depth	Model	Color
I156013W	180mmx65mm	61.5mm	100W	White
I156013B	180mmx65mm	61.5mm	100W	Black

## ELECTRO-MAGNETIC BOAT HORN--SINGLE



Made of 316 Stainless Steel

P/N	Diameter	Length	Height	Volt
I220201	120mm	400mm	127mm	12V
I220401	120mm	400mm	127mm	24V

## ELECTRO-MAGNETIC BOAT HORN--DUAL



Made of 316 Stainless Steel

P/N	Diameter	Length	Height	Volt
I220102	120mm	470mm	127mm	12V
I220402	120mm	470mm	127mm	24V

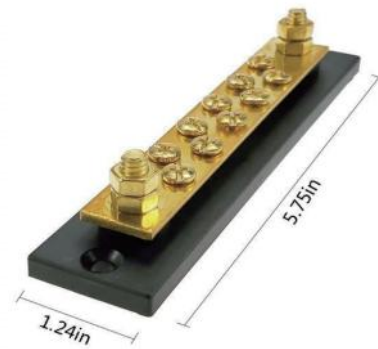
### ROCKER SWITCH

P/N	Size	LED	Foot pin
I080111	ON-OFF-ON	NO LED	6P
I080112	ON-OFF-ON	Dual LED	7P
I080113	ON-OFF	NO LED	2P
I080114	ON-OFF	Single LED	3P
I080115	ON-OFF-ON	Single LED	4P
I080116	ON-OFF	NO LED	2P
I080117	ON-OFF-ON	NO LED	3P
I080118	ON-OFF-ON	NO LED	6P



### T-BLOCK BATTERY TERMINAL BLOCK

P/N	spec
I020100	10 Screw
I020300	20 Screw



### CABLE OUTLET



P/N	SIZE
I078470	6MM
I078471	8MM
I078472	10MM

### WEICHAI WATER PUMP

P/N  
I340100



### ELECTRIC INFLATOR

Made of Electrical Part and ABS Plastic

P/N	Amps	Volt	Power	Frequency
I363000	6A	220-230V	1200W	50-60HZ





## IMPELLER PUMPS



application: Engine cooling pump/ bilge pump/ Deck washdown pump

\* Should be installed in a dry and ventilated position

\* Must not run dry, it is better to work with a bilge control panel to avoid running dry

Seamless shell Design Impeller 3.1" (80mm)

1/2" FNPT(12.5mm) thread fitting with 1/2" hose barb

Thermally protected, high quality efficient motor

P/N	Voltage	Max Flow Lpm(gpm)	Max Head (M)	Amps (A)	Max Draw (A)
foyo-32-12	12Vdc	30LPM	3M	8.0A	10.0A
foyo-32-24	24Vdc	30PLM	3M	5.0A	7.0A

## 12/24V DC SEWAGE PUMPS



This sewage pump is designed specifically for sanitation waste and fish box evacuations. This high-powered pump incorporates our high quality motor with a new seamless shell and splash proof design. The Macerator features a premium impeller design and includes o-ring sealed end bells to withstand the harsh marine environment. The pump runs with superior performance while delivering up to 13GPM (49.20LPM).

Power available in both 12VDC and 24VDC.

P/N	Voltage	Max Flow Lpm(gpm)	Max Pressure Psi(Bar)	Amps (A)	Max Draw (A)
FL-65A	12Vdc	49.2	No	10.0	2.35/2.6
FL-65B	24Vdc	49.2	No	5.0	2.35/2.6

## HIGH PRESSURE DIAPHRAGM PUMPS



Pump design:3 Chamber Diaphragm Port Size:3/8" Female Thread  
 Connector:2pcs 3/8" hose barb , 2pcs 1/4" male thread  
 Check Valve:EPDM or Vtion Self-Priming:6.5 feet(2M) suction Life

P/N	Voltage	Max Flow Lpm(gpm)	Max Pressure Psi(Bar)	Amps (A)	Packing Size (mm)	N.W/G.W
DP-60	12v dc	4.6(1.2)	60(4.1)	7.0	190*110*105mm	1.9/2.1kgs
DP-60B	24v dc	4.6(1.2)	60(4.1)	4.0	190*110*105mm	1.9/2.1kgs
DP-80	12v dc	5.5(1.5)	80(5.5)	8.0	210*110*105mm	2.6/2.7kgs
DP-100	12v dc	5.5(1.5)	100(7.0)	9.0	210*110*105mm	2.6/2.7kgs
DP-120	12v dc	5.5(1.5)	120(8.3)	9.5	210*110*105mm	2.6/2.7kgs
DP-120B	24v dc	5.5(1.5)	120(8.3)	4.5	210*110*105mm	2.6/2.7kgs
DP-160	12v dc	5.5(1.5)	160(11.0)	10.5	210*110*105mm	2.6/2.7kgs
DP-160B	24v dc	5.5(1.5)	160(11.0)	4.2	210*110*105mm	2.6/2.7kgs
DP-100M	220v ac	5.5(1.5)	100(7.0)	0.6	250*110*105mm	3.1/3.3kgs
DP-120M	220v ac	5.5(1.5)	120(8.3)	0.5	250*110*105mm	3.1/3.3kgs
DP-160M	220v ac	5.5(1.5)	160(11.0)	0.6	250*110*105mm	3.1/3.3kgs
DP-160S	115v ac	5.5(1.5)	160(11.0)	1.0	250*110*105mm	3.1/3.3kgs

## WASHDOWN PUMPS KIT



Pump design:5 Chamber Diaphragm Valves:EPDM  
 Diaphragm:Santoprene Ports:3/4" quick attach  
 wire connections:2-pin/leads Self-priming up to 6'(1.8M)  
 Quick disconnect fittings Low power consumption  
 Quiet operation&smooth flow Allow short time dry running

P/N	Voltage	Open Flow (GPG/LPG)	Control Type	Max Draw	shut-off pressure (PSI/BAR)
WP51-G50-70-12	12V	5.0/18.9	Switch	18A	70/4.8
WP51-G50-70-24	24V	5.0/18.9	Switch	9.0A	70/4.8

## MICRO DC DIAPHRAGM PUMPS



2 Chamber Diaphragm

Port Size:3/8" (9.5mm) Hose barb / 1/2" (12.5mm) BSPT Male Thread  
Check Valve:EPDM or Vtion Self-Priming:4.8 feet(1.5M) suction

P/N	Voltage	Max Flow Lpm(gpm)	Max Pressure Psi(Bar)	Amps (A)
foyo3202	12Vdc	5.1(1.34)	80(5.5)	4.8
foyo3402	24Vdc	5.1(1.34)	80(5.5)	2.8
foyo3203	12Vdc	5.1(1.34)	100(7.0)	5.0
foyo3403	24Vdc	5.1(1.34)	100(7.0)	3.0
foyo3206	12Vdc	6.0(1.58)	60(4.1)	6.0

## HIGH FLOW RATE DIAPHRAGM PUMPS



Adjustable pressure switch from 20psi --60psi for OEM needed

Quick attach connections with 360° multiple fittings allow easy connect to any outlet

Built-in thermal Protector Rubber feet for noise reduction from vibration

4 Chamber Diaphragm Port Size:3/4" (19mm)Quick attach

Connector:1pc 3/4" Male Thread,1pc 1/2" hose barb,

1pcs elbow 1/2" hose barb,1pc 1/2" hose barb filter Check Valve:EPDM or Vtion

Self-Priming:6.5 feet(2M) suction Life

P/N	Voltage	Max Flow Lpm(gpm)	Max Pressure Psi(Bar)	Amps (A)	Packing Size (mm)	N.W/G.W
FL-30	12v dc	10.0(2.6)	17(1.17)	2.2	250* 125*100mm	1.9/2.3kgs
FL-31	24v dc	10.0(2.6)	17(1.17)	1.5	250* 125*100mm	1.9/2.3kgs
FL-35	12v dc	12.5(3.3)	35(2.41)	7.0	250* 125*100mm	1.9/2.3kgs
FL-34	24v dc	12.5(3.3)	35(2.41)	4.0	250*125* 100mm	1.9/2.3kgs
FL-40	12v dc	17.0(4.5)	40(2.76)	9.2	280* 125*100mm	2.7/2.9kgs
FL-60	12v dc	17.0(4.5)	60(4.13)	13.2	280*125* 100mm	2.7/2.9kgs
FL-44	24v dc	17.0(4.5)	40(2.76)	5.6	280* 125*100mm	2.7/2.9kgs
FL-33	115v ac	12.5(3.3)	35(2.41)	0.8	380*125* 100mm	3.0/3.2kgs
FL-32	220v ac	12.5(3.3)	35(2.41)	0.4	380* 125*100mm	3.0/3.2kgs
FL-41	115v ac	17.0(4.5)	40(2.76)	1.5	380*125* 100mm	3.0/3.2kgs
FL-43	220v ac	17.0(4.5)	40(2.76)	0.8	380* 125*100mm	3.0/3.2kgs

**NON-AUTOMATIC BILGE SUBMERSIBLE PUMPS**



Standard Accessory:1pc elbow adaptor, 1pc snap joint, 2pcs alligator clips,Unit Weight:1.1KGS,Speed:5400rpm,

P/N	Voltage	Current	Power	Head	Flow rate
BP14-G1100-40-12	12V dc	5.4A	0.07HP (51W)	4m	1100GPH
BP14-G1100-40-24	24V dc	3.8A	0.07HP (51W)	4m	1100GPH

**NON-AUTOMATIC BILGE SUBMERSIBLE PUMPS**



P/N	Voltage	Current	Head	Wire	Outlet Dia
BP15-G1000-40-12	12v dc	5.0A	4m	130cm	25.4mm
BP15-G1000-40-24	24v dc	3.0A	4m	130cm	25.4mm

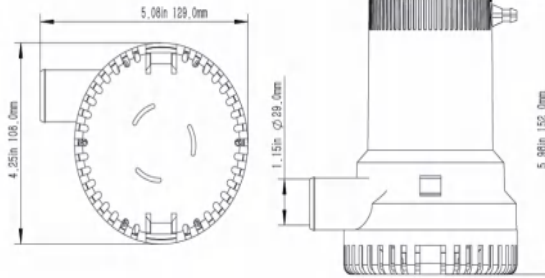
**MICRO DC DIAPHRAGM PUMPS**



Self-priming to 4'(1.5m). CE Approved.Santoprene Diaphragm. 3/8" Barb.EPDM Valves.Capable of supplying 1-2 fixtures 3/8"(10mm). Diaphragm designs allows dry runing.Thermal overload protection. Dual diaphragm quiet operation.

P/N	Voltage	Open Flow (GPG/LPG)	Control Type	Max Draw	shut-off pressure (PSI/BAR)
DP21-G10-40-12	12V	1.0/3.8	Switch	4.0A	40/2.8
DP21-G10-40-24	24V	1.0/3.8	Switch	2.0A	40/2.8
DP21-G11-70-12	12V	1.1/4.0	Switch	4.0A	70/4.8
DP21-G12-35-12	12V	1.2/4.3	Switch	4.0A	35/2.4
DP21-G12-35-24	24V	1.2/4.3	Switch	2.0A	35/2.4

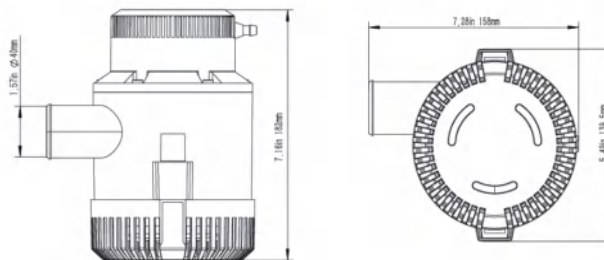
### NON-AUTOMATIC BILGE PUMPS 1500/2000GPH



Made of plastic, stainless steel shaft, anti-airlock protection, exclusive moisture tight seals. Freshwater and saltwater compatible. Wire Lead :3'(1m) Outle Dia: 1-1/8" N.W./G.W: 1.13/1.21kg

P/N	Flow Rate	Voltage	Max Draw	Fuse Amps	Head
BP12-G1500-50-12	1500GPH	12V	8.0A	12A	16' (5m)
BP12-G1500-50-24	1500GPH	24V	4.0A	7.0A	16' (5m)
BP12-G2000-60-12	2000GPH	12V	8.5A	14A	20' (6m)
BP12-G2000-60-24	2000GPH	24V	5.0A	8.0A	20' (6m)

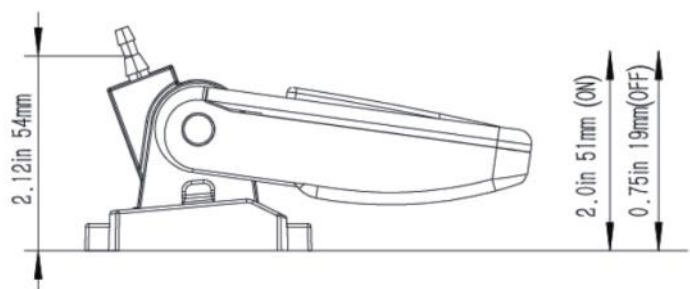
### NON-AUTOMATIC BILGE PUMPS 3000/3500GPH



Made of plastic, stainless steel shaft, anti-airlock protection, exclusive moisture tight seals. Freshwater and saltwater compatible. Head: 26'(8m) Wire Lead :3'(1m) N.W./G.W: 2.10/2.37kg

P/N	Flow Rate	Voltage	Max Draw	Fuse Amps	Outle Dia
BP12-G3000-80-12	3000GPH	12V	14A	20A	1-1/2"
BP12-G3000-80-24	3000GPH	24V	7.0A	12A	1-1/2"
BP12-G3500-80-12	3500GPH	12V	16A	25A	1-1/2"
BP12-G3500-80-24	3500GPH	24V	8.0A	15A	1-1/2"

### BILGE PUMPS FLOAT SWITCHES 20AMP 12V/24V

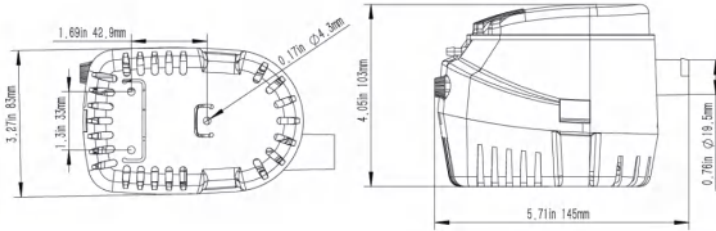


Made of high quality ABS material, the internal metal contacts to ensure reliable start/ stop. Turn pump on when water level reaches 2" (51mm); Turn pump off when water level reaches 3/4" (19mm).

P/N	Voltage	Max Amps	Wire Lead	Wire Gauge Size
I240100	12V/24V/32V	20A	3'	1 8AWG



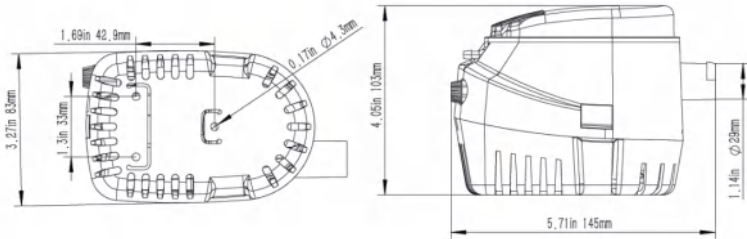
## AUTOMATIC BILGE PUMPS 600/750GPH



Made of plastic, ignition protected and corrosion resistant stainless steel shaft. Pump turns on at 50mm water level and turns off at 20mm water level. Wire Lead :3'(1m) Outle Dia: 3/4" N.W./G.W: 0.47/0.52kg

P/N	Flow Rate	Voltage	Max Draw	Fuse Amps	Outle Dia
BP11-G600-25-12	600GPH	12V	2.5A	4.0A	8.2' (2.5m)
BP11-G600-25-24	600GPH	24V	1.5A	3.0A	8.2' (2.5m)
BP11-G750-30-12	750GPH	12V	3.0A	5.0A	9' (3.0m)
BP11-G750-30-24	750GPH	24V	1.6A	3.0A	9' (3.0m)

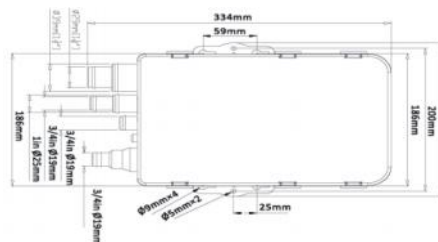
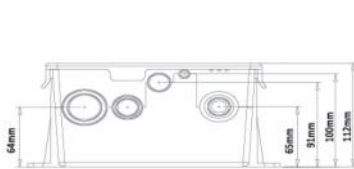
## AUTOMATIC BILGE PUMPS 1100GPH



Made of plastic, ignition protected and corrosion resistant stainless steel shaft. Pump turns on at 50mm water level and turns off at 20mm water level. Wire Lead :3'(1m) Outle Dia: 1-1/8" N.W./G.W:0.47/0.52kg

P/N	Flow Rate	Voltage	Max Draw	Fuse Amps	Head
BP11-G1100-40-12	1100GPH	12V	3.0A	5.0A	13' (4m)
BP11-G1100-40-24	1100GPH	24V	1.8A	3.0A	13' (4m)

## SHOWER SUMP PUMPS 600/750GPH

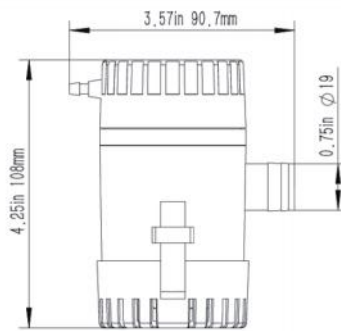
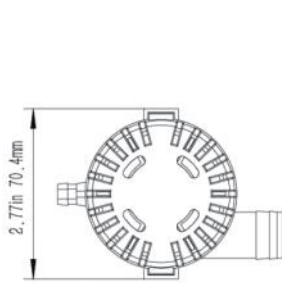


Made of plastic, ignition protected and corrosion resistant stainless steel shaft. Pump turns on at 50mm water level and turns off at 20mm water level. Wire Lead :3'(1m) Outle Dia: 1-1/8" N.W./G.W: 0.47/0.52kg

P/N	Flow Rate	Voltage	Max Draw	Fuse Amps	Outle Dia
BP13-G600-25-12	600GPH	12V	14A	20A	1-1/2"
BP13-G600-25-24	600GPH	24V	7.0A	12A	1-1/2"
BP13-G750-30-12	750GPH	12V	16A	25A	1-1/2"
BP13-G750-30-24	750GPH	24V	8.0A	15A	1-1/2"



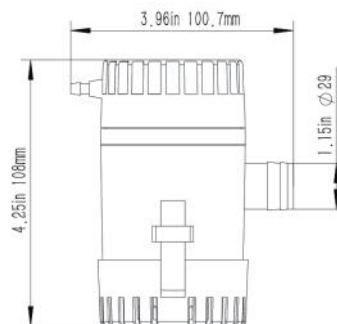
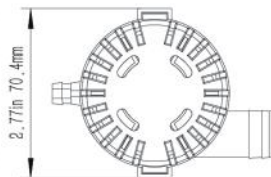
## NON-AUTOMATIC BILGE PUMPS 350/500/750GPH



Made of plastic, stainless steel shaft, anti-airlock protection, exclusive moisture tight seals. Freshwater and saltwater compatible. Head: 9'(3m) Wire Lead :3'(1m) N.W./G.W: 0.33/0.40kg

P/N	Flow Rate	Voltage	Max Draw	Fuse Amps	Outle Dia
BP12-G350-30-12	350GPH	12V	1.0A	2.0A	3/4"
BP12-G500-30-12	500GPH	12V	1.6A	3.0A	3/4"
BP12-G500-30-24	500GPH	24V	1.2A	2.0A	3/4"
BP12-G750-30-12	750GPH	12V	2.5A	5.0A	3/4"
BP12-G750-30-24	750GPH	24V	1.2A	2.0A	3/4"

## NON-AUTOMATIC BILGE PUMPS 1100GPH



Made of plastic, stainless steel shaft, anti-airlock protection, exclusive moisture tight seals. Freshwater and saltwater compatible.

Head: 12'(4m) Wire Lead :3'(1m) N.W./G.W: 0.38/0.40kg

P/N	Flow Rate	Voltage	Max Draw	Fuse Amps	Outle Dia
BP12-G1100-40-12	1100GPH	12V	3.0A	5.0A	1-1/8"
BP12-G1100-40-24	1100GPH	24V	1.8A	3.0A	1-1/8"



NO.4



NO.5



NO.6



NO.9



NO.K



NO.G



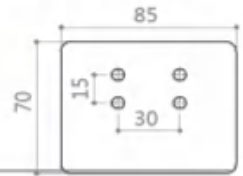
FB-1709L



FB-1709P



6 Circuits with Cover  
 Input terminal rating: M5 threaded studs(100A 32V DC.max).  
 Input wire size: #4-6 AWG.  
 Output terminal rating: 30A max per circuit.  
 Output wire size: #12-16 AWG.  
 Red LED indicates when fuse is broken.  
 Size of Panel: 70.0mm×85.0mm



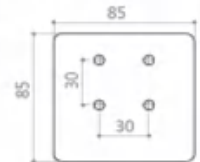
FB-1710L



FB-1710P



8 Circuits with Cover  
 Input terminal rating: M5 threaded studs(100A 32V DC.max).  
 Input wire size: #4-6 AWG.  
 Output terminal rating: 30A max per circuit.  
 Output wire size: #12-16 AWG.  
 Red LED indicates when fuse is broken.  
 Size of Panel: 85.0mm×85.0mm



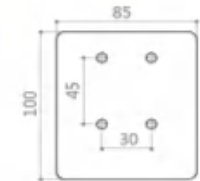
FB-1711L



FB-1711P



10 Circuits with Cover  
 Input terminal rating: M5 threaded studs(100A 32V DC.max).  
 Input wire size: #4-6 AWG.  
 Output terminal rating: 30A max per circuit.  
 Output wire size: #12-16 AWG.  
 Red LED indicates when fuse is broken.  
 Size of Panel: 100.0mm×85.0mm



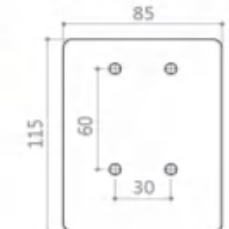
FB-1712L



FB-1712P



12 Circuits with Cover  
 Input terminal rating: M5 threaded studs(100A 32V DC.max).  
 Input wire size: #4-6 AWG.  
 Output terminal rating: 30A max per circuit.  
 Output wire size: #12-16 AWG.  
 Red LED indicates when fuse is broken.  
 Size of Panel: 115.0mm×85.0mm



FB-1713

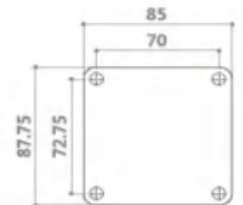


6 Circuits with Cover and Negative Bus

Main line:  
 terminal rating: M5 threaded studs (100A 32V DC.max).  
 wire size: #4-6 AWG.

Single line:  
 terminal rating: M4 threaded studs (30A 32V DC.max).  
 wire size: #12-16 AWG.

Red LED indicates when fuse is broken.  
 Size of Panel: 87.75mm×85.0mm



FB-1714

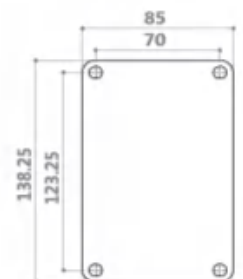


12 Circuits with Cover and Negative Bus

Main line:  
 terminal rating: M5 threaded studs (100A 32V DC.max).  
 wire size: #4-6 AWG.

Single line:  
 terminal rating: M4 threaded studs (30A 32V DC.max).  
 wire size: #12-16 AWG.

Red LED indicates when fuse is broken.  
 Size of Panel: 138.25mm×85.0mm







Product name: 12-way positive and negative pole fuse box  
size: 138\*88\*31mm

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Product name: 6-way positive and negative pole fuse box  
size: 33.5\*34.5\*14.4cm

---



Product name: 8-way screw fuse box  
Product size: 85\*85\*35mm

---



Product name: 8-way blade fuse box  
Product size: 85\*85\*35mm

---



Product name: 10-way screw fuse box  
Product size: 100\*85\*35mm

---



Product name: 10-way blade fuse box  
Product size: 100\*85\*35mm

---



Product name: 6-way screw fuse box  
Product size: 85\*70\*36.5mm

---



Product name: 12-way blade fuse box  
size: 138\*88\*31mm

---



Product name:PD+QC3.0  
Voltage input: 12-24V  
Current output: QC3.0  
Net weight of product: 32g  
Output: QC3.0+PD



Product name: Dual QC3.0 with voltmeter  
Product size: 3.7cm long \* 4.3cm wide  
Product material: nylon material  
Input voltage: DC12-24V  
Output voltage: 5V  
Output current: 5V 3.1A/9V 2A/12V 1.5A



Product name:3 USB PD+3.0  
Voltage input: 12-24V  
Current output: QC3.0  
Net weight of product: 32g  
Output: QC3.0+PD



Product name:3.1A dual USB  
Voltage input: 12-24V  
Current output: 3.1A  
Net weight of product: 33g  
Hole size: 3cm



Product name: Dual QC3.0 usb  
Input voltage: DC12-24V  
Output voltage: 5V  
Output current: 5V 3.1A/9V 2A/12V 1.5A



Product name:PD+QC3.0  
Voltage input: 12-24V  
Current output: QC3.0  
Net weight of product: 32g  
Output: QC3.0+PD



Product name:  
12V power socket  
Voltage input: 12-24V  
Net weight of product: 26g



Product name: voltmeter  
Working voltage: 12-24V  
Measuring range: 6-30V  
Product material: ABS  
Display mode: digital LED  
Display LED light color selection: red/blue/green/orange/pink/white



Product name: Ammeter  
Working voltage: 12-24V  
Measuring range: 1-10A  
Product material: ABS  
Display mode: digital LED  
Display LED light color selection: red/blue/green/orange/pink/white



Product name:  
Color screen voltmeter  
Working voltage: 12-24V  
Measuring range: 6-30V  
Product material: ABS  
Display mode: digital LED  
Display LED light color selection: red/blue/green/orange/pink/white



## 5-position panel switch



USB input: 12-24V, output: 5V/4.2A  
Cigarette lighter: 120W  
Voltmeter: 6-48V  
Medium fuse: 15V

## 6-position combined panel



USB input: 12-24V  
USB output: 5V 4.2A  
Voltmeter: 6-33V  
Cigarette lighter: 12V20A, 24V 10A

## 8-position switch panel



Product size: 236 \* 120 \* 90mm  
Product weight: 640g  
Input voltage: 12-24V  
Output voltage: 12-24V

## 3-position switch



Rated voltage: 12V 20A/24V 10A  
Product size: 98x68x100 mm  
Opening installation size: 107\*58mm  
Product weight: 0.141 g

## 5-position switch



Rated voltage and current of switch: 12V 20A DC/24V 10A DC  
Product size: 146 \* 40MM  
Product weight: 100g

## USB+voltmeter+bus base



USB input voltage: 12-24V  
USB output voltage: 5V 3.1A/5V 4.2A (optional)  
Voltmeter: 6-33V  
Cigarette lighter: 12V 20A, 24V 10A  
Product size: W4.3\*L15\*H0.5 cm

## 6-position off-road control switch



Panel size: 9.4\*6.6\* .8 cm  
Circuit box size: 4.5 \* 2.7 \* 3.2 inches  
Input voltage: 12V DC  
Maximum power: 720W  
Maximum current: 60A 12V

## 6-position switch



Relay: 12VDC, 100A, 6 in total  
Insert fuse: 20A, 30A, 6 in total  
Circuit breaker: 50A, 1  
110V-220V, power supply, 1 set

## 4-position combined panel



USB input: 12-24V  
USB output: 5V 4.2A  
Voltmeter: 6-33V  
Cigarette lighter: 12V20A, 24V 10A

## Racing ignition toggle switch



Voltage: 12V 20A  
Weight: 476g Switch panel size: 175 \* 65mm  
Material: aluminum alloy+plastic

## MISCELLANEOUS

### TRAILER WINCH WEBBING W/HOOK

Stainless steel 316 bolt and nut, nylon webbing.

P/N	Breaking Force	Rope Width	Length
J470245	2200kg	50mm	4500mm
J470260	2200kg	50mm	6000mm
J470275	2200kg	50mm	7500mm



### ZINC PLATED TRAILER WINCH

Trailer winch: 1 speed with handle;  
2 speed with removable handle

P/N	Pull	Speed
J480180	360kg	1
J480255	635kg	1
J480382	820kg	2



### BATTERY BOX or FUEL TANK HOLD DOWN STRAP KIT

Stainless Steel A316 Buckle and Strap  
Holder with 1"\*90" nylon webbing.  
Breaking load 400 kg

P/N J460300



### ADJUSTABLE BELT W/ZINC ALLOY BUCKLE

Zinc alloy Buckle and Strap Holder with 1"\*90"  
nylon webbing. Breaking load 400 kg

P/N J460400



### SWIVEL WEBBING BUCKLE KIT FOR SUN TOP



Stainless Steel A316 Buckle, pad Eye,  
Swivel Pin and Snap hook with 1"\*90" nylon webbing.  
Breaking load 400 kg

P/N J460100

### WEBBING WITH BUCKLE



Stainless Steel A316 Buckle with 1"\*90" nylon webbing.  
Breaking load 400 kg

P/N J460200

### STAINLESS STEEL FENDER EYE



Made of 316 Stainless Steel

P/N	A	B	C	Rope Dia.
J420200	33mm	29mm	21mm	10mm (Max)

### MOORING ROPE--DOUBLE BRAIDED



Twisted Polypropylene Rope with Splice

P/N	Rope Dia.	Length	Color
S010180	8mm	2000mm	Black
S010280	8mm	2000mm	Blue
S010380	8mm	4500mm	Black
S010480	8mm	4500mm	Blue
S010510	10mm	4500mm	Black
S010610	10mm	4500mm	Blue
S010712	12mm	6500mm	Black
S010812	12mm	6500mm	Blue
S010914	14mm	10000mm	Black
S011014	14mm	10000mm	Blue

**FENDER LOCK EYE**

Made of 316 Stainless Steel

P/N	Base	Eye
J400100	φ 1-9/16"	3/5"



**FENDER HOOK**

Made of 316 Stainless Steel

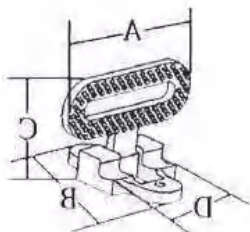
P/N	Base	Eye	Height
J420100	1-1/3" * 1-1/8"	2/5"	7/8"



**SNAP HOOK**

Made of 316 Stainless Steel

P/N	Base	Height
J410100	1-5/8" * 1-1/8"	1-1/3"



Made of 316 Stainless Steel

P/N	A	B	C	D
J430100	4.5"	5"	4"	2"

**FOLDING STEP**



## EMERGENCY PLUGS



Made of Wood

P/N	Size	Set
J190135	φ 1.37" * φ 1"	1pcs
	φ 1.18" * φ 0.7"	2pcs
	φ 0.86" * φ 0.55"	2pcs
	φ 0.62" * φ 0.27"	2pcs
	φ 0.37" * φ 0.17"	2pcs

## EMERGENCY PLUGS



Made of Wood

P/N	Size	Set
J200138	φ 1.5" * φ 1.1"	1pcs
	φ 1.3" * φ 0.87"	1pcs
	φ 1.1" * φ 0.71"	1pcs
	φ 0.87" * φ 0.55"	2pcs
	φ 0.58" * φ 0.25"	1pcs
	φ 0.58" * φ 0.31"	2pcs
	φ 0.43" * φ 0.16"	2pcs

## SPLICING SPIKE



Made of 304 Stainless Steel & Wood

P/N	Thk	Width	Length
J210110	1"	13/16"	6-11/16"
J210215	1.5"	1-1/4"	11"
J210320	2"	1-7/8"	15-3/8"

## TILLER ROPE PULLEY



Made of 304 Stainless Steel & Nylon

P/N	Rope Size	Wheel Dia.
J220104	1/4"	2-5/16"



RING BUOY HOLDER

Made of 304 Stainless Steel

P/N	Length	Hook Dia
J140100	7"	4"



WIND-PROOF ASHTRAY

Made of 304 Stainless Steel  
non-slip bean bag

P/N	Dia	Color
J150100	4-1/2"	Blue
J150200	4-1/2"	Red



EMERGENCY PLUGS

Made of Wood

P/N	Size	Set
J170106	$\phi 2'' * \phi 1.5''$	2pcs
	$\phi 1.5'' * \phi 1.1''$	1pcs
	$\phi 1.1'' * \phi 0.75''$	1pcs
	$\phi 0.85'' * \phi 0.5''$	2pcs



EMERGENCY PLUGS

Made of Wood

P/N	Size	Set
J180140	$\phi 1.57'' * \phi 1.97''$	3pcs
	$\phi 1.14'' * \phi 1.54''$	3pcs
	$\phi 0.75'' * \phi 1.14''$	3pcs





## EYE STRAPS



Made of 304/ Stainless Steel

P/N	Rod.	Length	Height
J010100	3/16"	2"	1/2"
J010200	3/16"	2"	11/16"
J010300	1/4"	2"	7/8"
J010400	5/16"	2"	15/16"

## BOAT HOOK HOLDER



Made of 304 Stainless Steel

P/N	Length	Hook Dia
J130100	4"	1"

## SPRING CLAMP HOLDER



Made of 304 stainless steel

P/N	Size
K110158	5/8" - 1"
K110234	1" - 1 - 3/4"

## DOUBLE OUTRIGGER RIGGING KIT

P/N Q020200



Made of 304 Stainless Steel / Aluminum  
 Folding deck chair is made with a combination of quality, strength and comfort- for fishing or just relaxing in the cockpit  
 Stainless hardware Cushion Color: White  
 Safety catch prevents accidental folding UV resistant vinyl

P/N	TUBE MATERIAL
R010100	aluminum
R010200	304 stainless steel

## FOLDING DECK CHAIR



Resilient foam cushions. Color: White  
 Safety catch to prevent accidental folding  
 Dimensions: 29" Height x 26"Width x 14" Depth  
 Upholstery Material: Vinyl

P/N	TUBE MATERIAL
R010300-WH	aluminum
R010400-WH	304 stainless steel

## FOLDING DECK CHAIR



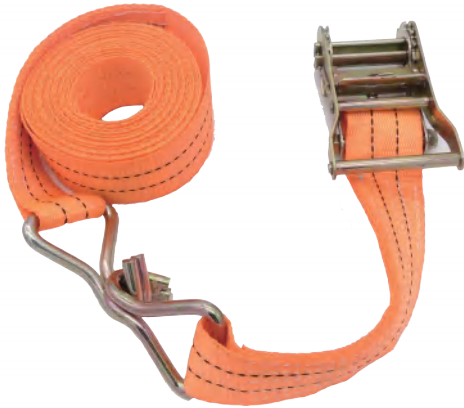
Resilient foam cushions.  
 Safety catch to prevent accidental folding  
 Dimensions: 29" Height x 26"Width x 14" Depth  
 Upholstery Material: Vinyl  
 Cushion Color: White+Blue

P/N	TUBE MATERIAL
R010300-BU	aluminum
R010400-BU	304 stainless steel

## FOLDING DECK CHAIR



## WEBBING WITH HOOK



Webbing with hook and Tie  
Down Ratchet 20' x 2". 2000 kg

P/N J470100

## SPRING LOADED CAM LATCH



Made of 316 Stainless Steel

P/N	Total Length	Width
J490100	3-1/5"	1"

## POLE HOLDER RUBBER



Made of Rubber

P/N	Length	Width	Fits tubing
B230100	1-7/8"	2"	7/8"-1"

## PREMIUM OUTRIGGING KIT



P/N Q020100

**OUTRIGGER CLIP STANDARD**

P/N Q010100



**COOLER CUSHION**

P/N	Size
R030100	22.6" * 13.3" * 2.8"
R030200	22.6" * 10.5" * 2.8"
R030300	26.5" * 10.5" * 2.8"
R030400	31.3" * 15.3" * 2.8"
R030500	38.9" * 16.5" * 2.8"
R030600	39.4" * 17.2" * 2.8"



**RUB STRAKE**

Made of 316 Stainless Steel

P/N	Width	Length
M270100	3/4"	8"
M270200	3/4"	12"
M270300	3/4"	18"
M270400	3/4"	24"



**RUB STRAKE**

Made of 316 Stainless Steel

P/N	Width	Length
M280100	1"	8"
M280200	1"	12"
M280300	1"	18"
M280400	1"	24"



**FOLDING DECK CHAIR**



Resilient foam cushions.  
 Safety catch to prevent accidental folding  
 Dimensions: 29" Height x 26"Width x 14" Depth  
 Upholstery Material: Vinyl  
 Frame Material: Aluminum

P/N	Color
R010300-GY	White+Gray

**CANVAS FOLDING CHAIR WITH CUP HOLDER**



P/N	Material	Size	Color
R070100	aluminum	37 H X 28 W X 21 D	Navy
R080100	Stainless Steel	37 H X 28 W X 21 D	Navy
R070100W	aluminum	37 H X 28 W X 21 D	White

**BOAT DECK CHAIR**



P/N	Material	Color
R080100	aluminum	White
R080300	304 stainless steel	Navy

**CANVAS FOLDING CHAIR**



Made of Aluminum tube

P/N	Color
R020100	Navy
R020100W	White

**MOORING SNUBBER**



Made of Rubber

P/N	Size	Rope $\phi$
N320143	17"	1/4"-1/2"
N320249	19-1/3"	3/5"-3/4"

**ALUMINUM OUTBOARD MOTOR BRACKET**



Made of Aluminum

P/N	Hp Rating	Broad Size	Mounting size	Base M' TL
S040100	7-1/2 To 20	8-1/4"*10-3/8"	5-1/4"*9"	Plastic
S040200	7-1/2 To 20	8-1/4"*10-3/8"	5-1/4"*9"	Wood

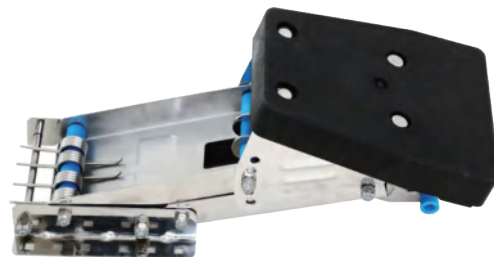
**OUTBOARD MOTOR BRACKET**



Made of Stamped 304 Stainless Steel

P/N	Hp Rating	Broad Size	Mounting size	Base M' TL
S030100	7-1/2 To 20	8-1/4"*10-3/8"	5-1/4"*9"	Plastic
S030200	7-1/2 To 20	8-1/4"*10-3/8"	5-1/4"*9"	Wood

**OUTBOARD MOTOR BRACKET**



Made of Stamped 304 Stainless Steel

P/N	Hp Rating	Broad Size	Mounting size	Base M' TL
S050100	To 20	8-1/4"*10-3/8"	8"*8-5/8"	Plastic
S050200	To 20	8-1/4"*10-3/8"	8"*8-5/8"	Wood



## HOLLOW BACK RUBRAIL



Made of 316 Stainless Steel

P/N	Width	Length
M280500	3/4"	20'

## RUB STRAKE



Made of 316 Stainless Steel

P/N	Width	Length
M290100	1"	12"

## MOTOR CARRIERS



Made of Aluminum (Anodized)

P/N	Motors	Max. Weight
N250100	1-15hp	85lb

## JET BOARD TRAILER



Made of Aluminum tube

P/N	N260100
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**GEAR BAG**

Large capacity.  
 Made of heavy duty nylon .  
 Non-corrosive zippered top closure and carrying handles. Keep contents dry and clean.



R040100	Rectangular	26"Lx12"Wx17"H
R040200	Square	20"Lx20"Wx12"H

**FUEL TANK**



Made of Plastic

P/N	Size
H700105	5L
H700110	10 L
H700120	20 L

Made of polyethylene

P/N	Dia.
H700112	12L
H700224	24L



**FUEL TANK**

**PORTABLE CAMPING CHAIR**

Made of high strength aluminum alloy frame.  
 Weighs only 2 pounds and holds up to 250 pounds  
 Ripstop nylon seat is made of breathable 600D Oxford cloth  
 Simple setup-foldable aluminum pole with shock-cord structure enables quick set up and fold down.  
 Hook&Loop strap can hold the frame together easily

P/N R010500



**DREADLOCK SPONGE WASHING MITT**

P/N S900100



## NON-ABRASIVE MICRO FIBRE AND INSECT SPONGE



P/N S900200

## SPONGE



P/N S900300

## FOLDING SEAT



Built-in storage pouch in the back of the seat.

P/N	Size	Color
R050100	38" H x 17" W x 2.5" D	NAVY/ BLACK
R050200	38" H x 17" W x 2.5" D	NAVY /WHITE
R050300	38" H x 17" W x 2.5" D	ROYAL BLUE/BLACK
R050400	38" H x 17" W x 2.5" D	WHITE/BLACK

## REPLACEMENT CUSHION SET FOR DECK CHAIRS



P/N

R010100 - P

Cushion Set for Folding Deck Chairs

COMPASS

P/N	Color	Net weight
S200760B	Black	265g
S200761W	White	265g

Made of ABS



COMPASS

P/N	Color	Net weight
S200038B	Black	49g
S200038W	White	49g

Made of ABS



3 STRAND TWISTED NYLON ROPE

Made of Nylon

P/N	Size
S020105	5mm*200M
S020106	6mm*200M
S020108	8mm*200M
S020109	9mm*200M
S020113	13mm*200M
S020116	16mm*200M
S020119	19mm*200M
S020125	25mm*200M
S020132	32mm*200M
S020138	38mm*200M
S020150	50mm*200M



## BEARING PROTECTORS WITH COVER



Triple chrome plated housing  
All stainless steel internal

P/N	Size
N650100	1.98"

## ACCESSORY SOCKET WITH BATTERY CLIP



Brass and plastic construction accessory plug for use directly with the battery. Accepts most cigarette lighter plugs 12V Wire length can be according to the different need not custom-made

P/N	Wire Length	Amps
I200100	12"	50
I200200	36"	50

## SEAT SWIVEL



surface of the lacquer that bake

P/N	Length	Width	Height
N650200	6"	6"	7/8"
N650300	7"	7"	7/8"
N650400	8"	8"	7/8"

## BAILER KIT



The bailer kit includes bailer scoop, 50ft rope and float, LED torch and whistle. O-ring sealed lid to waterproof whole container. Whistle consists of signal mirror, compass and waterproof chamber which can be for matches or keys.

P/N S090100

FENDER

Made of high quality PVC

P/N	Size	Weight (g)
S076015U	6" x 15"	1000g
S078020U	8" x 20"	1600g
S071028U	10" x 28"	3000g



Made of high quality PVC

P/N	Size	Weight (g)
S251012R	9.8" x 12.2"	750g
S301114R	11.4" x 13.8"	1050g
S381518R	14.9" x 17.8"	2200g
S451820R	17.8" x 19.7"	2600g
S502022R	19.7" x 21.6"	3000g
S552224R	21.6" x 23.6"	3600g
S652628R	25.6" x 27.5"	4200g
S753032R	29.5" x 31.5"	4800g

FENDER



Made of high quality PVC

P/N	Size	Weight (g)
S081012B	9.8" x 12.2"	750g
S301114B	11.4" x 13.8"	1050g
S381518B	14.9" x 17.8"	2200g

FENDER



Made of Polyurethane foam

P/N	Size (cm)
S307244	72 x 44
S306035	60 x 35
S305027	50 x 27

LIFEBUOY





**FENDER**



Made of high quality PVC

P/N	Size	Weight (g)
S004516	4.5" x 16"	500g
S015520	5.5" x 20"	850g
S026523	6.5" x 23"	1000g
S038527	8.5" x 27"	1800g
S041030	10" x 30"	2600g
S051639	15.8" x 38.6"	5500g

**FENDER**



Made of high quality PVC

P/N	Size	Weight (g)
S004516U	4.5" x 16"	500g
S015520U	5.5" x 20"	850g
S026523U	6.5" x 23"	1000g
S038527U	8.5" x 27"	1800g
S041030U	10" x 30"	2600g
S051639U	15.8" x 38.6"	5500g

**FENDER**



Made of high quality PVC

P/N	Size	Weight (g)
S066024U	6" x 24"	1000g

**FENDER**



Made of high quality PVC

P/N	Size	Weight (g)
S074018U	4" x 18.4"	600g

**DOUBLE BRAID NYLON ROPE**

Made of Nylon

P/N	Size
S011001	6mm*200M
S011002	8mm*200M
S011003	9mm*200M
S011004	13mm*200M



**FLOATING BLANKET**

Made of XPE

P/N	Size
N200101	1.7M * 3.5M * 3CM



**CHAIN FILTER WRENCH**

P/N	Dia
Z010109	9"



**600 CC GREASE GUN**

P/N	Dia
H050102	600cc



**LIFEROPE**



Made of Polypropylene rope

P/N	Diameter (mm)	Length(m)
S010010	10	10
S010008	8	10
S010006	6	10

**LIFEBUOY**



Made of Polyurethane foam

P/N	Size(cm)
S407244	72 x 44
S406035	60 x 35
S405027	50 x 27

**LIFEBUOY**



Made of high quality density polyethylene (hdpe) is used as dense polyurethane closed-cell foam.

P/N	Size(cm)
S505229	59 x 35
S507144	71 x 44

**LIFEBUOY**



Made of Polyurethane foam

P/N	Size(cm)
S607244	72 x 44
S606035	60 x 35
S605027	50 x 27

LIFE JACKET

Inflatable Life Jacket Life Vest Basic  
Automatic/Manual Can accept customized colors

P/N	Color
S700100R	Red
S700100Y	Yellow
S7001000	Blue
S700100B	Orange



SPORT LIFE JACKET

P/N	Color	Size
S700200R	Red	S:15-35KG
S700200Y	Yellow	M:35-60KG
S700200B	Blue	L:60-90KG
S7002000	Orange	XL:90-110KG
S700200G	Green	



LIFE JACKET

P/N	Color
S700300R	Red
S7003000	Orange



LIFE JACKET

P/N	Color
S700400R	Red
S7004000	Orange



LIFE JACKET



P/N	Color
S700500R	Red

COMPASS



Made of plastic

P/N	Color	Net weight
S200500B	Black	68g
S200500W	White	68g

COMPASS



Made of brass.

P/N	Net weight
S200050	45g

COMPASS



Made of plastic

P/N	Net weight
S200288	43.5g

UML MK5 AUTOMATIC INFLATABLE DEVICE FOR INFLATABLE LIFE JACKET

UML-MK5

UML MK5 Automatic Inflatable device



UML-MK5-AC

MK5 automatic cartridge



UML-MK5-AI

MK5 automatic inflator



TUBULARS RADAR REFLECTOR

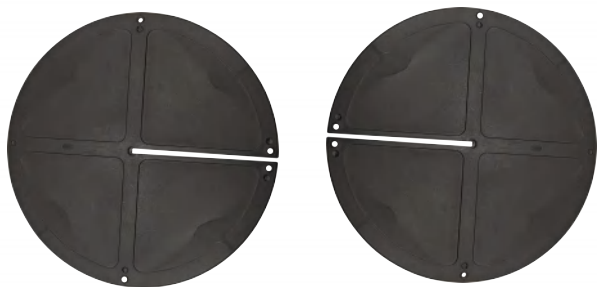
Provided with plastic base interception until 2.5 nautical miles

P/N	Description
Z050300	Tube:50mm, length:300mm
Z050335	Tube:50mm, length:335mm
Z050500	Tube:50mm, length:500mm





### PLASTIC BLACK BALL



P/N	Dia
Z008005	350mm

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### FLUSH MOUNT RADIO COVER



P/N	SIZE(INCH)
Z024246	9.5X10OUTSIDE (4.5OVERALL) X4





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### WATERPOOF FLOATING PHONE HOLDER











P/N	Size	Color
R040521	5"*9"	Yellow
R040511	4"*8"	Blue





# BOAT INSTRUMENTS





FUEL LEVEL							
	Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage
FY00001	NMFR-BS	NMEA2000 & J1939		SS 316	Empty-Full	12V	Φ52mm
FY00200	NMFR-WS						





WATER LEVEL							
	Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage
FY01000	NMWR-BS	NMEA2000 & J1939		SS 316	Empty-Full	12V	Φ52mm
FY01100	NMWR-WS						





TACHOMETER							
	Art. No.	Model	Parameters Supported	Picture Indicating	Bezel	Display Range	Working Voltage
FY07000	NMHB-BS-7KL	Engine RPM/ Coolant temperature/ Engine Hours/ Oil pressure/ Trim/Fuel rate/ Fuel Tank1, Tank2, Tank3, Tank4		SS 316	0~7000rpm	12V	Φ85mm
FY07100	NMHB-WS-7KL						
















<b>OIL PRESSURE</b>							
	Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage
FY05000	NMPR-BS-0-10	NMEA2000 & J1939		SS 316	0~10bar	12V	Φ52mm
FY05100	NMPR-WS-0-10						
















<b>VOLTMETER</b>							
	Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage
FY03000	NMVR-BS-8-16	NMEA2000 & J1939		SS 316	8~16V	12V	Φ52mm
FY03100	NMVR-WS-8-16						
















<b>SPEEDOMETER</b>							
	Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage
FY08000	NMOB-BS-60	NMEA2000 & J1939		SS 316	0~60MPH	12V	Φ85mm
FY08100	NMOB-WS-60						


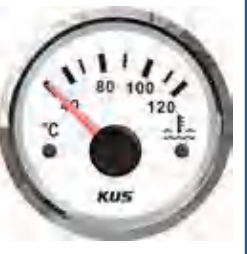


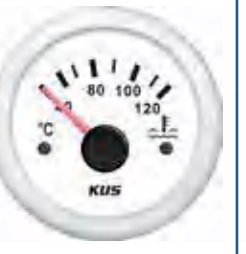





<b>WATER TEMP.</b>							
	Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage
FY04000	NMTR-BS-40-120	NMEA2000 & J1939		SS 316	40~120°C	12V	Φ52mm
FY04100	NMTR-WS-40-120						


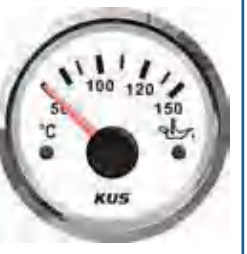


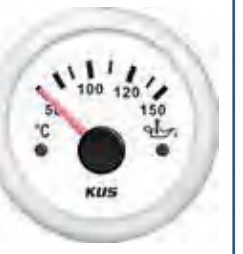





<b>HOLDING TANK</b>								
	Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
	FY02000	NMGR-BS	NMEA2000 & J1939		SS 316	Empty-Full	12V	Φ52mm
FY02100	NMGR-WS							

<b>FUEL LEVEL</b>										
	Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension		
	FY10005	CPFR-BS-0-190	0~190Ω		SS 316	Empty-Full	12V/24V	Φ52mm		
FY10004	CPFR-BS-240-33	240~33Ω								
FY10100	CPFR-WS-0-190	0~190Ω								
FY10101	CPFR-WS-240-33	240~33Ω								
FY10002	CPFR-BN-0-190	0~190Ω		SS 316 in black	Empty-Full	12V/24V	Φ52mm			
FY10003	CPFR-BN-240-33	240~33Ω		plastic in black						
FY10200	CPFR-BB-0-190	0~190Ω		plastic in black						
FY10201	CPFR-BB-240-33	240~33Ω		plastic in white	Empty-Full	12V/24V	Φ52mm			
FY10300	CPFR-WW-0-190	0~190Ω		plastic in white						
FY10301	CPFR-WW-240-33	240~33Ω								











<b>WATER LEVEL</b>										
	Art. No.	Model	Signal	Picture Indicating	Bezel	Indicating Range	Working Voltage	Installation Dimension		
	FY11004	CPWR-BS-0-190	0~190Ω		SS 316	Empty-Full	12V/24V	Φ52mm		
FY11001	CPWR-BS-240-33	240~33Ω								
FY11100	CPWR-WS-0-190	0~190Ω								
FY11101	CPWR-WS-240-33	240~33Ω								
FY11002	CPWR-BN-0-190	0~190Ω		SS 316 in black	Empty-Full	12V/24V	Φ52mm			
FY11003	CPWR-BN-240-33	240~33Ω		plastic in black						
FY11200	CPWR-BB-0-190	0~190Ω		plastic in black						
FY11201	CPWR-BB-240-33	240~33Ω		plastic in white	Empty-Full	12V/24V	Φ52mm			
FY11300	CPWR-WW-0-190	0~190Ω		plastic in white						
FY11301	CPWR-WW-240-33	240~33Ω								
















VOLTMETER											
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension				
FY13000	CPVR-BS-8-16	8~16V		SS 316	8~16V	12V	Φ52mm				
FY13100	CPVR-WS-8-16							SS 316 in black			
FY13013	CPVR-BN-8-16			plastic in black							
FY13200	CPVR-BB-8-16			plastic in white							
FY13304	CPVR-WW-8-16			SS 316							
FY13001	CPVR-BS-18-32	18~32V		SS 316	18~32V	24V					
FY13101	CPVR-WS-18-32							SS 316 in black			
FY13012	CPVR-BN-18-32			plastic in black							
FY13201	CPVR-BB-18-32			plastic in white							
FY13305	CPVR-WW-18-32			SS 316							











WATER TEMP.											
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension				
FY14004	CPTR-BS-40-120	Matched with KUS temperature sensor		SS 316	40~120°C	12V/24V	Φ52mm				
FY14100	CPTR-WS-40-120							SS 316 in black			
FY14002	CPTR-BN-40-120			plastic in black							
FY14200	CPTR-BB-40-120			plastic in white							
FY14304	CPTR-WW-40-120			SS 316							

OIL TEMP.											
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension				
FY14005	CPYR-BS-50-150	Matched with KUS temperature sensor		SS 316	50~150°C	12V/24V	Φ52mm				
FY14102	CPYR-WS-50-150							SS 316 in black			
FY14000	CPYR-BN-50-150			plastic in black							
FY14202	CPYR-BB-50-150			plastic in white							
FY14305	CPYR-WW-50-150			SS 316							






































TRIM										
	Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension		
	FY09205	CPIR-BS-0-190	0~190Ω		SS 316	DOWN-UP	12V/24V	Φ52mm		
	FY09103	CPIR-WS-0-190								
	FY09204	CPIR-BN-0-190			SS 316 in black					
	FY09206	CPIR-BB-0-190			plastic in black					
FY09207	CPIR-WW-0-190			plastic in white						

TRIM										
	Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension		
	FY09028	CPIR-BS-0-190	0~190Ω		SS 316	UP-DOWN	12V/24V	Φ52mm		
	FY09115	CPIR-WS-0-190								
	FY09116	CPIR-BN-0-190			SS 316 in black					
	FY09220	CPIR-BB-0-190			plastic in black					
	FY09312	CPIR-WW-0-190			plastic in white					
	FY09043	CPIR-BS-160-10	160~10Ω * To match with mercury or force engine.		SS 316	UP-DOWN	12V/24V	Φ52mm		
	FY09123	CPIR-WS-160-10								
FY09044	CPIR-BN-160-10			SS 316 in black						
FY09228	CPIR-BB-160-10			plastic in black						
FY09314	CPIR-WW-160-10			plastic in white						

CLOCK										
	Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension		
	FY09000	CMCR-BS-12	N/A		SS 316	12-hour format	12V/24V	Φ52mm		
	FY09100	CMCR-WS-12								
	FY09003	CMCR-BN-12			SS 316 in black					
	FY09202	CMCR-BB-12			plastic in black					
FY09304	CMCR-WW-12			plastic in white						



OIL PRESSURE											
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension				
FY15000	CPPR-BS-0-5	10~184Ω 240-33Ω can be customized		SS 316	0~5Bar	12V/24V	Φ52mm				
FY15100	CPPR-WS-0-5										
FY15001	CPPR-BN-0-5			SS 316 in black							
FY15201	CPPR-BB-0-5			plastic in black							
FY15300	CPPR-WW-0-5			plastic in white							
FY15006	CPPR-BS-0-10			SS 316	0~10Bar						
FY15103	CPPR-WS-0-10										
FY15008	CPPR-BN-0-10			SS 316 in black							
FY15202	CPPR-BB-0-10			plastic in black							
FY15303	CPPR-WW-0-10		plastic in white								

AMMETER											
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension				
FY06007	CMAR-BS±50	Matched with KUS 50A current shunt unit		SS 316	±50 A	12V/24V	Φ52mm				
FY06103	CMAR-WS±50										
FY06008	CMAR-BN±50			SS 316 in black							
FY06201	CMAR-BB±50			plastic in black							
FY06301	CMAR-WW±50			plastic in white							
FY06005	CMAR-BS±80	Matched with KUS 100A current shunt unit		SS 316	±80 A	12V/24V	Φ52mm				
FY06102	CMAR-WS±80										
FY06009	CMAR-BN±80			SS 316 in black							
FY06200	CMAR-BB±80			plastic in black							
FY06300	CMAR-WW±80		plastic in white								
FY06010	CMAR-BS±150	Matched with KUS 150A current shunt unit		SS 316	±150 A	12V/24V	Φ52mm				
FY06101	CMAR-WS±150										
FY06011	CMAR-BN±150			SS 316 in black							
FY06203	CMAR-BB±150			plastic in black							
FY06302	CMAR-WW±150		plastic in white								

HOLDING TANK								
	Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
	FY12002	CPGR-BS-0-190	0~190Ω		SS 316	LOW-FULL	12V/24V	Φ52mm
	FY12102	CPGR-WS-0-190			SS 316 in black			
	FY12003	CPGR-BN-0-190			plastic in black			
	FY12202	CPGR-BB-0-190			plastic in white			
	FY12302	CPGR-WW-0-190			plastic in white			
	FY12000	CPGR-BS-240-33	240~33Ω		SS 316			
	FY12100	CPGR-WS-240-33			SS 316 in black			
	FY12001	CPGR-BN-240-33			plastic in black			
FY12200	CPGR-BB-240-33			plastic in white				
FY12300	CPGR-WW-240-33			plastic in white				

RUDDER ANGLE								
	Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
	FY09002	CMRR-BS-87-900	87~900Ω, Matched with JSM4480 rudder angle sensor.		SS 316	R-L	12V/24V	Φ52mm
	FY09102	CMRR-WS-87-900			SS 316 in black			
	FY09004	CMRR-BN-87-900			plastic in black			
	FY09201	CMRR-BB-87-900			plastic in white			
	FY09305	CMRR-WW-87-900			plastic in white			
	FY09011	CMRR-BS-0-190	0~190Ω, Matched with KE41000 rudder angle sensor.		SS 316			
	FY09106	CMRR-WS-0-190			SS 316 in black			
	FY09018	CMRR-BN-0-190			plastic in black			
FY09209	CMRR-BB-0-190			plastic in white				
FY09309	CMRR-WW-0-190			plastic in white				

3 LED ALARM INDICATOR							
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY99300	SSS-PAN-3LED-BS	Switch Signal		SS 316	FULL-HIGH-ON	12V/24V	Ø52mm
FY99402	SSS-PAN-3LED-WS						
FY99302	SSS-PAN-3LED-BN			SS 316 in black			
FY99200	SSS-PAN-3LED-BB			plastic in black			
FY99400	SSS-PAN-3LED-WW			plastic in white			

DIGITAL AMMETER							
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY26004	CEAR-BS±50	Matched with KUS 50A current shunt unit		SS 316	±50A	12V/24V	Ø52mm
FY26101	CEAR-WS±50						
FY26000	CEAR-BN±50			SS 316 in black			
FY26200	CEAR-BB±50			plastic in black			
FY26300	CEAR-WW±50			plastic in white			
FY26001	CEAR-BS±80	Matched with KUS 100A current shunt unit		SS 316	±80A	12V/24V	Ø52mm
FY26102	CEAR-WS±80						
FY26003	CEAR-BN±80			SS 316 in black			
FY26201	CEAR-BB±80			plastic in black			
FY26301	CEAR-WW±80			plastic in white			
FY26002	CEAR-BS±150	Matched with KUS 150A current shunt unit		SS 316	±150A	12V/24V	Ø52mm
FY26103	CEAR-WS±150						
FY26005	CEAR-BN±150			SS 316 in black			
FY26202	CEAR-BB±150			plastic in black			
FY26302	CEAR-WW±150			plastic in white			

8 LED WATER LEVEL GAUGE									
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension		
FY11021	CDWR-BS-240-33	240~33 Ω		SS 316	Empty-Full	12V/24V	Φ52mm		
FY11113	CDWR-WS-240-33			SS 316 in black					
FY11114	CDWR-BN-240-33			plastic in black					
FY11207	CDWR-BB-240-33			plastic in white					
FY11305	CDWR-WW-240-33			plastic in white					

8 LED FUEL LEVEL GAUGE									
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension		
FY10034	CDFR-BS-240-33	240~33 Ω		SS 316	Empty-Full	12V/24V	Φ52mm		
FY10118	CDFR-WS-240-33			SS 316 in black					
FY10036	CDFR-BN-240-33			plastic in black					
FY10216	CDFR-BB-240-33			plastic in white					
FY10309	CDFR-WW-240-33			plastic in white					

8 LED HOLDING TANK GAUGE									
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension		
FY12015	CDGR-BS-240-33	240~33 Ω		SS 316	Low-Full	12V/24V	Φ52mm		
FY12108	CDGR-WS-240-33			SS 316 in black					
FY12018	CDGR-BN-240-33			plastic in black					
FY12204	CDGR-BB-240-33			plastic in white					
FY12304	CDGR-WW-240-33			plastic in white					



NAVIGATION INDICATOR										
	Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension		
	FY99304	CONR-BS-5LED	Matched with KUS controller		SS 316	N/A	12V/24V	Φ52mm		
	FY99501	CONR-WS-5LED								
	FY99303	CONR-BN-5LED			SS 316 in black					
	FY99202	CONR-BB-5LED			plastic in black					
FY99403	CONR-WW-5LED			plastic in white						

4 LED ALARM GAUGE										
	Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension		
	FY79002	CDQR-BS	Switch Signal		SS 316	N/A	12V/24V	Φ52mm		
	FY79103	CDQR-WS								
	FY79004	CDQR-BN			SS 316 in black					
	FY79202	CDQR-BB			plastic in black					
FY79303	CDQR-WW			plastic in white						

DIGITAL WATER TEMP.										
	Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension		
	FY24000	CETR-BS-25-120	Matched with KUS temperature sensor		SS 316	25~120°C	12V/24V	Φ52mm		
	FY24100	CETR-WS-25-120								
	FY24002	CETR-BN-25-120			SS 316 in black					
	FY24200	CETR-BB-25-120			plastic in black					
FY24300	CETR-WW-25-120			plastic in white						

DIGITAL OIL PRESSURE



Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY15042	CEPR-BS-0-5	10~184Ω		SS 316	0~5Bar	12V/24V	Φ52mm
FY15115	CEPR-WS-0-5			SS 316 in black			
FY15043	CEPR-BN-0-5			plastic in black			
FY15021	CEPR-BB-0-5			plastic in white			
FY15308	CEPR-WW-0-5			plastic in white			
FY15012	CEPR-BS-0-10	10~184Ω		SS 316	0~10Bar		
FY15015	CEPR-WS-0-10			SS 316 in black			
FY15035	CEPR-BN-0-10			plastic in black			
FY15022	CEPR-BB-0-10			plastic in black			
FY15307	CEPR-WW-0-10			plastic in white			

DIGITAL VOLTMETER



Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY23000	CEVR-BS-9-32	9~32V		SS 316	9~32V	12V/24V	Φ52mm
FY23100	CEVR-WS-9-32			SS 316 in black			
FY23001	CEVR-BN-9-32			plastic in black			
FY23200	CEVR-BB-9-32			plastic in white			
FY23303	CEVR-WW-9-32			plastic in white			

HOURMETER




Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY39000	CCUR-BS	N/A		SS 316	0~99999	12V/24V	Φ52mm
FY39202	CCUR-WS			SS 316 in black			
FY39001	CCUR-BN			plastic in black			
FY39201	CCUR-BB			plastic in white			
FY39200	CCUR-WW			plastic in white			



DIGITAL FUEL LEVEL							
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY20001	CEFR-BS-0-190	0~190Ω		SS 316	0~100%	12V/24V	Φ52mm
FY20101	CEFR-WS-0-190			SS 316 in black			
FY00352	CEFR-BN-0-190			plastic in black			
FY22001	CEFR-BB-0-190			plastic in white			
FY00353	CEFR-WW-0-190						
FY20006	CEFR-BS-240-33	240~33Ω		SS 316			
FY10116	CEFR-WS-240-33			SS 316 in black			
FY00354	CEFR-BN-240-33			plastic in black			
FY10214	CEFR-BB-240-33			plastic in white			
FY00355	CEFR-WW-240-33						

DIGITAL GPS SPEEDOMETER							
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY08041	CCSR-BS	GPS		SS 316	0-999Km/h	12V/24V	Φ52mm
FY08120	CCSR-WS			SS 316 in black			
FY08056	CCSR-BN			plastic in black			
FY08217	CCSR-BB			plastic in white			
FY08309	CCSR-WW						



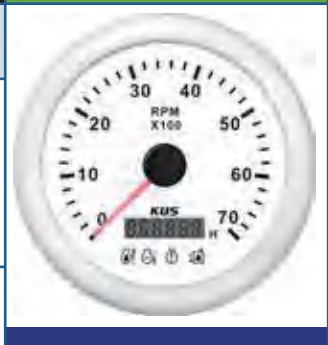
\* This Speedo has the function of mileage accumulation (Maximum 99999 Km), and data can be saved even the gauge is power down.

\* 5 meters long GPS antenna is included in the package, so it's no need to order it separately.

TACHOMETER  
with 4 LED ALARM



Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY07046	CMHB-BS-7KL	1.0-10.0		SS 316	0~7000RPM	12V/24V	Φ85mm
FY07123	CMHB-WS-7KL						
FY07047	CMHB-BN-7KL			SS 316 in black			
FY07213	CMHB-BB-7KL			plastic in black			
FY07312	CMHB-WW-7KL			plastic in white			

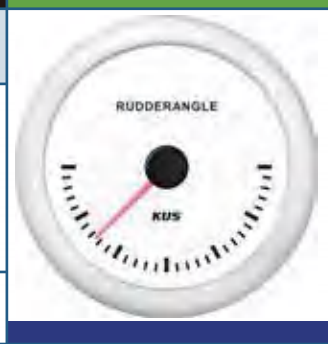


\* The light alarms including CHK ENG, Low Pressure, Low Fuel, Temperature.

RUDDER  
ANGLE



Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY09009	CMRB-BS-0-190	0~190Ω		SS 316	R-L	12V/24V	Φ85mm
FY09105	CMRB-WS-0-190						
FY09017	CMRB-BN-0-190			SS 316 in black			
FY09215	CMRB-BB-0-190			plastic in black			
FY09311	CMRB-WW-0-190			plastic in white			



\* The rudder angle with Signal 0-190Ω can be matched with KE41000,.

## TACHOMETER



Art. No.	Model	Speed Ratio	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY07025	CMHB-BS-3KL	1.0~10.0		SS 316	0~3000rpm	12V/24V	Φ85mm
FY07116	CMHB-WS-3KL			SS 316 in black			
FY07026	CMHB-BN-3KL			plastic in black			
FY07208	CMHB-BB-3KL			plastic in white			
FY07310	CMHB-WW-3KL			SS 316	0~4000rpm		
FY07008	CMHB-BS-4KL			SS 316 in black			
FY07105	CMHB-WS-4KL			plastic in black			
FY07027	CMHB-BN-4KL			plastic in white			
FY07204	CMHB-BB-4KL			SS 316	0~6000rpm		
FY07306	CMHB-WW-4KL			SS 316 in black			
FY07009	CMHB-BS-6KL			plastic in black			
FY07106	CMHB-WS-6KL			plastic in white			
FY07028	CMHB-BN-6KL			SS 316	0~8000rpm		
FY07205	CMHB-BB-6KL			SS 316 in black			
FY07307	CMHB-WW-6KL			plastic in black			
FY07010	CMHB-BS-8KL			plastic in white			
FY07107	CMHB-WS-8KL		SS 316	0~3000rpm			
FY07029	CMHB-BN-8KL		SS 316 in black				
FY07206	CMHB-BB-8KL		plastic in black				
FY07308	CMHB-WW-8KL		plastic in white				
FY07005	CMHB-BS-3KL	0.5-250		SS 316	0~3000rpm	12V/24V	Φ85mm
FY07111	CMHB-WS-3KL			SS 316 in black			
FY07014	CMHB-BN-3KL			plastic in black			
FY07209	CMHB-BB-3KL			plastic in white			
FY07309	CMHB-WW-3KL			SS 316	0~4000rpm		
FY07043	CMHB-BS-4KL			SS 316 in black			
FY07102	CMHB-WS-4KL			plastic in black			
FY07015	CMHB-BN-4KL			plastic in white			
FY07202	CMHB-BB-4KL			SS 316	0~6000rpm		
FY07303	CMHB-WW-4KL			SS 316 in black			
FY07000	CMHB-BS-6KL			plastic in black			
FY07101	CMHB-WS-6KL			plastic in white			
FY07016	CMHB-BN-6KL			SS 316	0~8000rpm		
FY07200	CMHB-BB-6KL			SS 316 in black			
FY07302	CMHB-WW-6KL			plastic in black			
FY07003	CMHB-BS-8KL			plastic in white			
FY07103	CMHB-WS-8KL		SS 316	0~8000rpm			
FY07017	CMHB-BN-8KL		SS 316 in black				
FY07203	CMHB-BB-8KL		plastic in black				
FY07304	CMHB-WW-8KL		plastic in white				



\* Note: The speed ratio is adjustable. Alternative ratio range is 1.0~10.0

\* Note: The speed ratio is adjustable. Alternative ratio range is 0.5~250.0.



RUDDER ANGLE



Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY09012	CMRB-BS-0-5K	0-5K		SS 316		12V/24V	Φ85mm
FY00390	CMRB-WS-0-5K						
FY09014	CMRB-BN-0-5K			SS 316 in black			
FY00391	CMRB-BB-0-5K			plastic in black			
FY09313	CMRB-WW-0-5K			plastic in white			



\* The rudder angle with Signal 0-5K can be matched with KE41002.

SPEEDOMETER



Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY18003	CPOB-BS-35	Pitot tube provides pressure signals		SS 316	0-35MPH	12V/24V	Φ85mm
FY18102	CPOB-WS-35						
FY18010	CPOB-BN-35			SS 316 in black			
FY18204	CPOB-BB-35			plastic in black			
FY18304	CPOB-WW-35			plastic in white			
FY18002	CPOB-BS-55			SS 316	0-55MPH		
FY18101	CPOB-WS-55						
FY18011	CPOB-BN-55			SS 316 in black			
FY18203	CPOB-BB-55			plastic in black			
FY18303	CPOB-WW-55			plastic in white			
FY18004	CPOB-BS-65			SS 316	0-65MPH		
FY18103	CPOB-WS-65						
FY18009	CPOB-BN-65			SS 316 in black			
FY18206	CPOB-BB-65		plastic in black				
FY18306	CPOB-WW-65		plastic in white				



\* Pitot tube need ordered separately.  
Art. No. : JYM1060



Art. No. : JKE00017

## DIGITAL GPS SPEEDOMETER



Art. No.	Model	Remarks	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY08021	CCSB-BS	I		SS 316	0~999Knots	12V/24V	Φ85mm
FY08109	CCSB-WS						
FY08022	CCSB-BN			SS 316 in black			
FY08213	CCSB-BB			plastic in black			
FY08308	CCSB-WW			plastic in white			
FY08038	CCSB-BS	II		SS 316			
FY00148	CCSB-WS						
FY08047	CCSB-BN			SS 316 in black			
FY00149	CCSB-BB			plastic in black			
FY00150	CCSB-WW			plastic in white			



I : The gauge has the function of accumulating the mileage of a single time, all data will reset when power on or unit switches.

II : This Speedo has the function of mileage accumulation (Maximum 99999 Km), and data can be saved even the gauge is power down.



\* Note: Customers can choose between units displaying in km/h, knots, or mph. The unit mileage and position are integrated into the display. The accumulated data will be cleared to zero after power off, it also can be customized for keeping the history data.

\* 5 meters long GPS antenna is included in the package, so it's no need to order it separately.

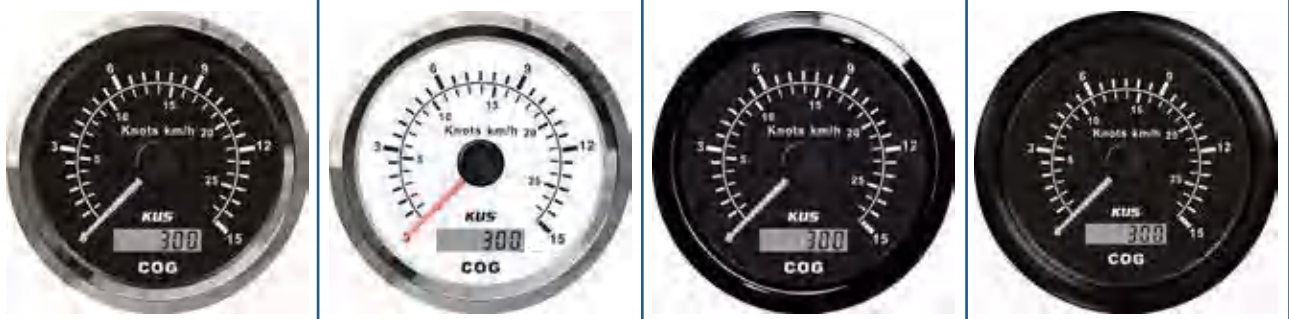
Art. No.	Model	Remarks	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY00359	CCSB-BS	III		SS 316	0-999Knots	12V/24V	Φ85mm
FY00360	CCSB-WS						
FY00361	CCSB-BN			SS 316 in black			
FY00362	CCSB-BB			plastic in black			
FY00363	CCSB-WW			plastic in white			
FY00364	CCSB-BS	IV		SS 316			
FY00365	CCSB-WS						
FY00366	CCSB-BN			SS 316 in black			
FY00367	CCSB-BB			plastic in black			
FY00368	CCSB-WW			plastic in white			

\* **With built-in GPS antenna.**

III: The gauge has the function of accumulating the mileage of a single time, all data will reset when power on or unit switches.

IV: This Speedo had the function of mileage accumulation(Maximum 99999Km), and data can be saved even the gauge is power down.

GPS SPEEDOMETER



Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY08017	CMSB-BS-15L	GPS		SS 316	0~15Knots	12V/24V	Φ85mm
FY08108	CMSB-WS-15L						
FY08018	CMSB-BN-15L			SS 316 in black			
FY08215	CMSB-BB-15L			plastic in black			
FY08307	CMSB-WW-15L			plastic in white			
FY08009	CMSB-BS-30L			SS 316	0~30Knots		
FY08105	CMSB-WS-30L						
FY08019	CMSB-BN-30L			SS 316 in black			
FY08210	CMSB-BB-30L			plastic in black			
FY08303	CMSB-WW-30L			plastic in white			
FY08011	CMSB-BS-60L			SS 316	0~60Knots		
FY08103	CMSB-WS-60L						
FY08020	CMSB-BN-60L			SS 316 in black			
FY08211	CMSB-BB-60L			plastic in black			
FY08304	CMSB-WW-60L		plastic in white				






















\* 5 meters long GPS antenna is included in the package, so it's no need to order it separately.





Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY00369	CMSB-BS-15L	GPS		SS 316	0~15Knots	12V/24V	Φ85mm
FY00370	CMSB-WS-15L						
FY00371	CMSB-BN-15L			SS 316 in black			
FY00372	CMSB-BB-15L			plastic in black			
FY00373	CMSB-WW-15L			plastic in white			
FY00374	CMSB-BS-30L			SS 316	0~30Knots		
FY00375	CMSB-WS-30L						
FY00376	CMSB-BN-30L			SS 316 in black			
FY00377	CMSB-BB-30L			plastic in black			
FY00378	CMSB-WW-30L			plastic in white			
FY00379	CMSB-BS-60L			SS 316	0~60Knots		
FY00380	CMSB-WS-60L						
FY00381	CMSB-BN-60L			SS 316 in black			
FY00382	CMSB-BB-60L			plastic in black			
FY00383	CMSB-WW-60L		plastic in white				

\* With built-in GPS antenna.



EXHAUST TEMP. METER											
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension				
FY00172	CMTR-BS-0-800	0-33.277 MV		SS 316	0-800	12V/24V	Φ52mm				
FY00173	CMTR-WS-0-800										
FY00342	CMTR-BN-0-800							SS 316 in black			
FY09214	CMTR-BB-0-800							plastic in black			
FY09308	CMTR-WW-0-800			plastic in white							
FY00385	CMTR-BS-0-200			SS 316	0-200						
FY00386	CMTR-WS-0-200										
FY00387	CMTR-BN-0-200							SS 316 in black			
FY00388	CMTR-BB-0-200							plastic in black			
FY00389	CMTR-WW-0-200			plastic in white							

3 IN 1 MULTIFUNCTION							
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY00233	CMQE-BS-3	0-180ohm for fuel level meter; 8-16V voltage meter 0-6000RPM tachometer		SS 316	Fuel level meter: empty-full Voltmeter: 8-16v, Tachometer: 0-6000rpm	12V/24V	Φ110mm
FY00234	CMQE-WS-3						

60MPH SPEEDOMETER							
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY00237	CMSE-BS-60	pulse signal		SS 316	0-60MPH	12V/24V	Φ110mm
FY00238	CMSE-WS-60						

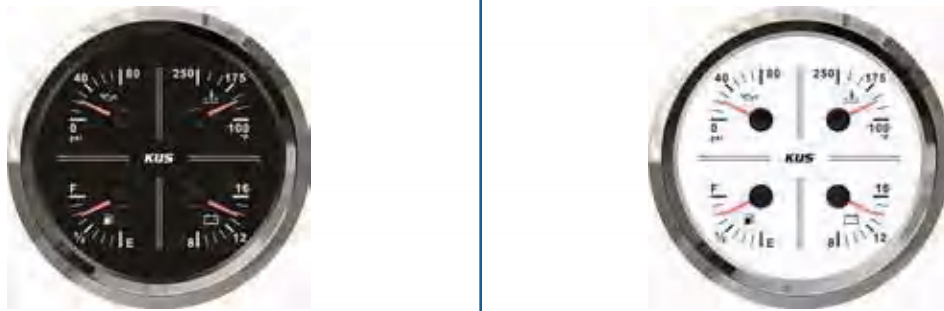
SPEEDOMETER



Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY08000	CMOB-BS-120L	Normal impulse		SS 316	0~120km/h	12V/24V	Φ85mm
FY08100	CMOB-WS-120L						
FY08001	CMOB-BN-120L			SS 316 in black			
FY08200	CMOB-BB-120L			plastic in black			
FY08302	CMOB-WW-120L			plastic in white			
FY08015	CMOB-BS-200L			SS 316	0~200km/h		
FY08107	CMOB-WS-200L						
FY08016	CMOB-BN-200L			SS 316 in black			
FY08209	CMOB-BB-200L			plastic in black			
FY08306	CMOB-WW-200L			plastic in white			

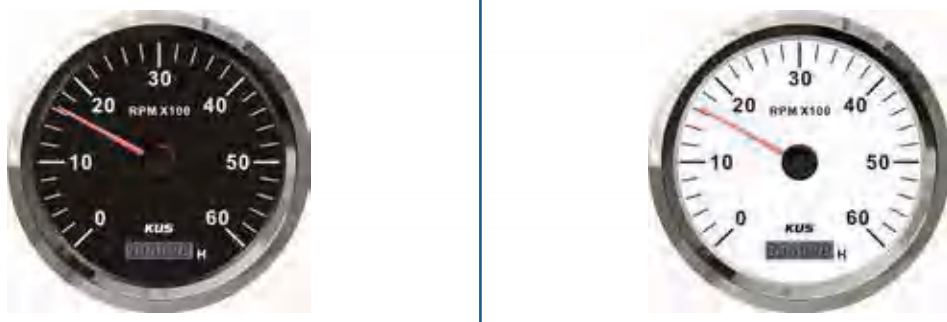


4 IN 1 MULTIFUNCTION



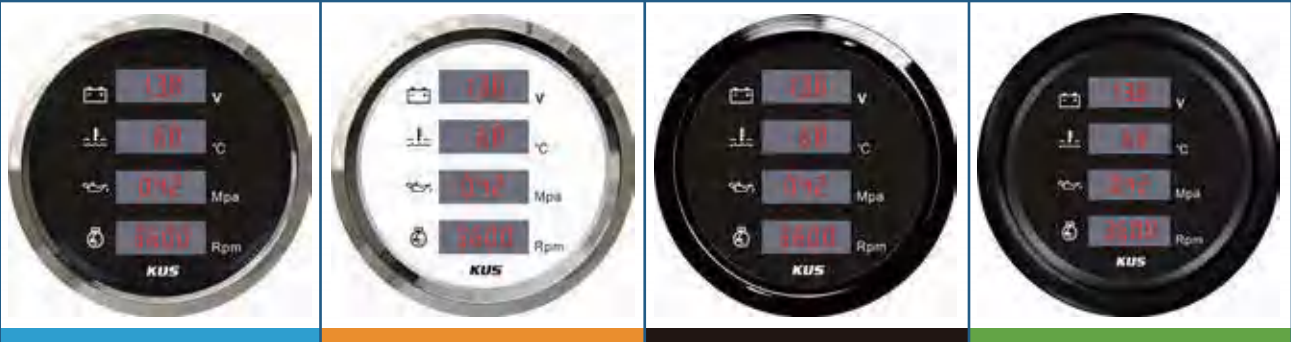
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY00235	CMQE-BS-4	Input Signal : 10-184ohm for 0-10 bar oil pressure meter; 0-180ohm for fuel level meter; 8-16V voltage meter; Input Signal 310-20ohm for water temperature meter		SS 316	Oil press. meter: 0-80psi; Water temp. meter: 100-250F; Fuel level meter: empty-full; Voltmeter: 8-16v.	12V/24V	Φ110mm
FY00236	CMQE-WS-4						

0-6000 RPM TACHOMETER

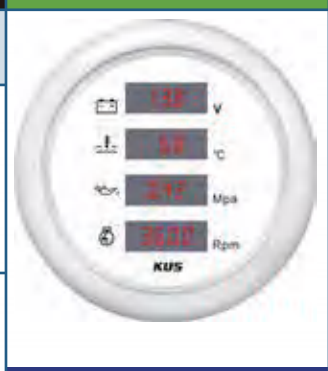


Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY00239	CMHE-BS-6KL	1.0-10.0		SS 316	0-6000 RPM	12V/24V	Φ110mm
FY00240	CMHE-WS-6KL						

## DIGITAL 4 IN 1 MULTIFUNCTION



Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY79000	P4-VTPR-BS	as below		SS 316	as below	12V/24V	Φ85mm
FY79102	P4-VTPR-WS			SS 316			
FY00356	P4-VTPR-BN			SS 316 in black			
FY00357	P4-VTPR-BB			plastic in black			
FY00358	P4-VTPR-WW			plastic in white			
Signal	Input Signal 310-20ohm for water temp. meter; Input Signal : 10-184ohm for oil pressure meter; 0-6000RPM tachometer. Speedo Ratio : 0.5-250.0			Display Range	Voltmeter: 9-32V Water temp. meter: 20-120°C Oil pressure meter:0-1mpa Tachometer: 0-6000rpm		



## FUEL LEVEL



Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY10020	FPFR-BS-0-190	0~190Ω		SS 316	Empty-Full	12V/24V	Φ52mm
FY10022	FPFR-BS-240-33	240~33Ω					
FY10114	FPFR-WS-0-190	0~190Ω		SS 316			
FY10115	FPFR-WS-240-33	240~33Ω					
FY10026	FPFR-BN-0-190	0~190Ω		SS 316 in black			
FY10027	FPFR-BN-240-33	240~33Ω					

## WATER TEMP.












Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY14024	FPTR-BS-40-120	Matched with KUS temperature sensor		SS 316	40~120°C	12V/24V	Φ52mm
FY14107	FPTR-WS-40-120						
FY14025	FPTR-BN-40-120			SS 316 in black			




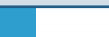





HOLDING TANK							
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY12010	FPGR-BS-0-190	0~190Ω		SS 316	LOW-FUL	12V/24V	Φ52mm
FY12012	FPGR-BS-240-33	240~33Ω					
FY12106	FPGR-WS-0-190	0~190Ω		SS 316			
FY12107	FPGR-WS-240-33	240~33Ω					
FY12011	FPGR-BN-0-190	0~190Ω		SS 316 in black			
FY12013	FPGR-BN-240-33	240~33Ω					










WATER LEVEL							
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY11015	FPWR-BS-0-190	0~190Ω		SS 316	Empty-Full	12V/24V	Φ52mm
FY11017	FPWR-BS-240-33	240~33Ω					
FY11110	FPWR-WS-0-190	0~190Ω		SS 316			
FY11111	FPWR-WS-240-33	240~33Ω					
FY11016	FPWR-BN-0-190	0~190Ω		SS 316 in black			
FY11018	FPWR-BN-240-33	240~33Ω					







OIL TEMP.							
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY14026	FPYR-BS-50-150	Matched with KUS temperature sensor		SS 316	50~150°C	12V/24V	Φ52mm
FY14108	FPYR-WS-50-150						
FY14027	FPYR-BN-50-150						






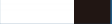








VOLTMETER							
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY13017	FPVR-BS-8-16	8~16V		SS 316	8~16V	12V	Φ52mm
FY13107	FPVR-WS-8-16			SS 316 in black			
FY13018	FPVR-BN-8-16			SS 316			
FY13016	FPVR-BS-18-32	18~32V		SS 316	18~32V	24V	
FY13108	FPVR-WS-18-32			SS 316 in black			
FY13019	FPVR-BN-18-32			SS 316 in black			

OIL PRESSURE							
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY15036	FPPR-BS-0-5	10~184Ω		SS 316	0~5Bar	12V/24V	Φ52mm
FY15112	FPPR-WS-0-5			SS 316 in black			
FY15037	FPPR-BN-0-5			SS 316			
FY15038	FPPR-BS-0-10		0~10Bar		SS 316		
FY15113	FPPR-WS-0-10				SS 316 in black		
FY15039	FPPR-BN-0-10				SS 316 in black		




RUDDER ANGLE							
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY09019	FMRR-BS-87-900	87~900Ω, Matched with JSM4480 rudder angle sensor.		SS 316	R-L	12V/24V	Φ52mm
FY09110	FMRR-WS-87-900			SS 316 in black			
FY09020	FMRR-BN-87-900			SS 316			
FY09021	FMRR-BS-0-190	0~190Ω, Matched with KE41000 rudder angle sensor.		SS 316			
FY09111	FMRR-WS-0-190			SS 316 in black			
FY09022	FMRR-BN-0-190			SS 316 in black			










TRIM									
	Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension	
	FY09023	FPIR-BS-0-190	0~190Ω		SS 316	DOWN-UP	12V/24V	Φ52mm	
	FY09113	FPIR-WS-0-190							
FY09024	FPIR-BN-0-190			SS 316 in black					




TRIM									
	Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension	
	FY09030	FPIR-BS-0-190	0~190Ω		SS 316	DOWN-UP	12V/24V	Φ52mm	
	FY09116	FPIR-WS-0-190							
FY09031	FPIR-BN-0-190			SS 316 in black					

DIGITAL VOLT METER									
	Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension	
	FY23005	FEVR-BS-9-32	9~32V		SS 316	9~32V	12V/24V	Φ52mm	
	FY23105	FEVR-WS-9-32							
FY23006	FEVR-BN-9-32			SS 316 in black					



DIGITAL WATER TEMP.							
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY24006	FETR-BS-25-120	Matched with KUS temperature sensor		SS 316	25~120°C	12V/24V	Φ52mm
FY24101	FETR-WS-25-120						
FY24007	FETR-BN-25-120			SS 316 in black			

DIGITAL AMMETER							
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY26008	FEAR-BS±50	Matched with KUS current pick-up unit		SS 316	±50A	12V/24V	Φ52mm
FY26105	FEAR-WS±50						
FY26009	FEAR-BN±50			SS 316 in black			
FY26010	FEAR-BS±80	Matched with KUS current pick-up unit		SS 316	±80A	12V/24V	Φ52mm
FY26106	FEAR-WS±80						
FY26011	FEAR-BN±80			SS 316 in black			
FY26006	FEAR-BS±150	Matched with KUS current pick-up unit		SS 316	±150A	12V/24V	Φ52mm
FY26104	FEAR-WS±150						
FY26007	FEAR-BN±150			SS 316 in black			

HOURMETER							
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY39002	FCUR-BS	N/A		SS 316	0~99999	12V/24V	Φ52mm
FY39101	FCUR-WS						
FY39003	FCUR-BN			SS 316 in black			

DIGITAL OIL PRESSURE							
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY15044	FEPR-BS-0-5	10~184Ω		SS 316	0~5Bar	12V/24V	Φ52mm
FY15116	FEPR-WS-0-5						
FY15045	FEPR-BN-0-5			SS 316 in black			
FY15040	FEPR-BS-0-10	10~184Ω		SS 316	0~10Bar		
FY15114	FEPR-WS-0-10						
FY15041	FEPR-BN-0-10			SS 316 in black			

4 LED ALARM GAUGE							
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY79003	FDQR-BS	Switch Signal		SS 316	N/A	12V/24V	Φ52mm
FY79104	FDQR-WS						
FY79005	FDQR-BN			SS 316 in black			

DIGITAL FUEL LEVEL							
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY20005	FEFR-BS-0-190	0-190Ω		SS 316	0~100%	12V/24V	Φ52mm
FY00025	FEFR-WS-0-190						
FY00026	FEFR-BN-0-190			SS 316 in black			
FY00027	FEFR-BS-240-33	240-33Ω		SS 316			
FY00028	FEFR-WS-240-33						
FY00029	FEFR-BN-240-33			SS 316 in black			

## GPS SPEEDOMETER



Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY08029	FMSB-BS-15L	GPS		SS 316	0~15Knots	12V	Ø85mm
FY08113	FMSB-WS-15L						
FY08030	FMSB-BN-15L			SS 316 in black			
FY08031	FMSB-BS-30L			SS 316	0~30Knots		
FY08114	FMSB-WS-30L						
FY08032	FMSB-BN-30L			SS 316 in black			
FY08033	FMSB-BS-60L			SS 316	0~60Knots		
FY08115	FMSB-WS-60L						
FY08034	FMSB-BN-60L			SS 316 in black			



\* 5 meters long GPS antenna is included in the package, so it's no need to order it separately.

Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY00030	FMSB-BS-15L	GPS		SS 316	0~15Knots	12V	Ø85mm
FY00031	FMSB-WS-15L						
FY00032	FMSB-BN-15L			SS 316 in black			
FY00033	FMSB-BS-30L			SS 316	0~30Knots		
FY00034	FMSB-WS-30L						
FY00035	FMSB-BN-30L			SS 316 in black			
FY00036	FMSB-BS-60L			SS 316	0~60Knots		
FY00037	FMSB-WS-60L						
FY00038	FMSB-BN-60L			SS 316 in black			

\* With built-in GPS antenna.

## TACHOMETER






Art. No.	Model	Speed Ratio	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY07018	FMHB-BS-3KL	0.5~250.0		SS 316	0~3000rpm	12V/24V	Ø85mm
FY07112	FMHB-WS-3KL						
FY07019	FMHB-BN-3KL						
FY07020	FMHB-BS-4KL	0.5~250.0		SS 316	0~4000rpm		
FY07113	FMHB-WS-4KL						
FY07021	FMHB-BN-4KL						
FY07012	FMHB-BS-6KL	0.5~250.0		SS 316	0~6000rpm		
FY07114	FMHB-WS-6KL						
FY07022	FMHB-BN-6KL						
FY07023	FMHB-BS-8KL	0.5~250.0		SS 316	0~8000rpm		
FY07115	FMHB-WS-8KL						
FY07024	FMHB-BN-8KL						










\* Note: The speed ratio is adjustable. Alternative ratio range is 0.5~250.0

Art. No.	Model	Speed Ratio	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension
FY00018	FMHB-BS-3KL	1.0~10.0		SS 316	0~3000rpm	12V/24V	Ø85mm
FY00019	FMHB-WS-3KL						
FY00020	FMHB-BN-3KL						
FY07033	FMHB-BS-4KL	1.0~10.0		SS 316	0~4000rpm		
FY00021	FMHB-WS-4KL						
FY00022	FMHB-BN-4KL						
FY07035	FMHB-BS-6KL	1.0~10.0		SS 316	0~6000rpm		
FY07118	FMHB-WS-6KL						
FY00023	FMHB-BN-6KL						
FY07037	FMHB-BS-8KL	1.0~10.0		SS 316	0~8000rpm		
FY07119	FMHB-WS-8KL						
FY00024	FMHB-BN-8KL						

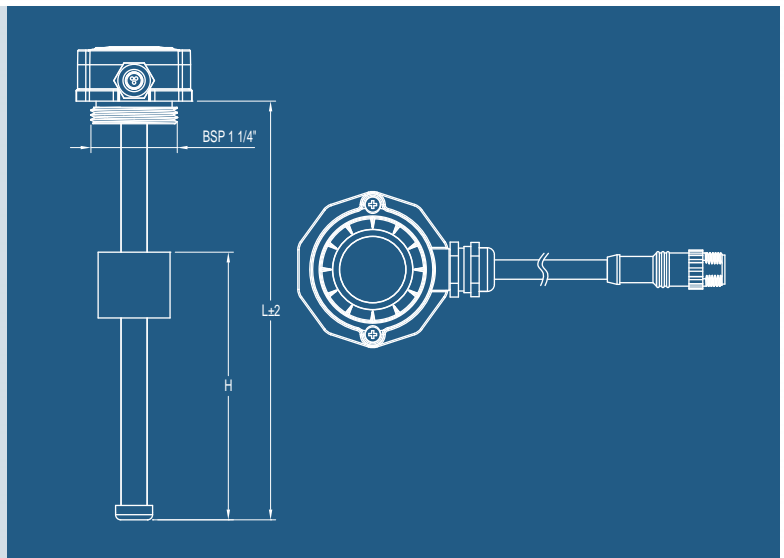
\* Note: The speed ratio is adjustable. Alternative ratio range is 1.0~10.0

RUDDER ANGLE								
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension	
FY00001	FMRB-BS-0-190	0~190Ω		SS 316	R-L	12V/24V	Φ85mm	
FY00002	FMRB-WS-0-190			SS 316 in black				
FY00003	FMRB-BN-0-190							

\* The rudder angle can be matched with the KE41000 rudder angle sensor.

SPEEDOMETER (MPH+KMH)								
Art. No.	Model	Signal	Picture Indicating	Bezel	Display Range	Working Voltage	Installation Dimension	
FY18012	FPOB-BS-35	Pitot tube provides pressure signals		SS 316	0~35MPH	12V/24V	Φ85mm	
FY18108	FPOB-WS-35			SS 316 in black				
FY18013	FPOB-BN-35							
FY18014	FPOB-BS-55			SS 316	0~55MPH			
FY18109	FPOB-WS-55			SS 316 in black				
FY18015	FPOB-BN-55							
FY18016	FPOB-BS-65			SS 316	0~65MPH			
FY18110	FPOB-WS-65			SS 316 in black				
FY18017	FPOB-BN-65							





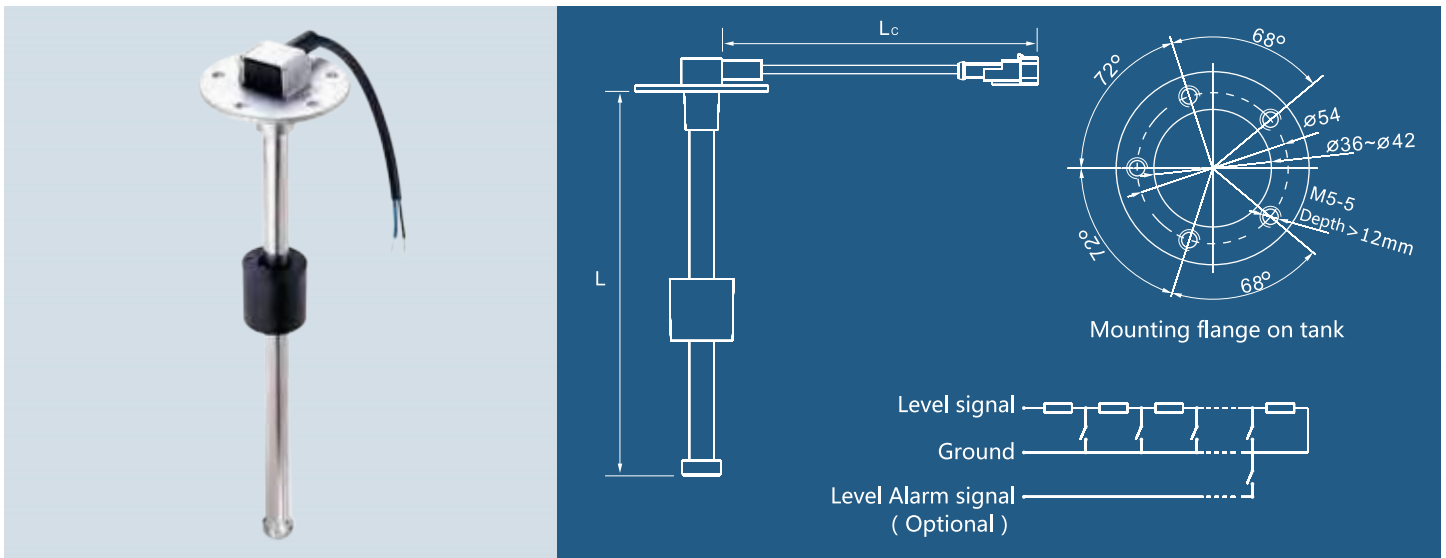
- ◆ **Material:**  
The main body is made of SS316 or SS304 stainless steel.
- ◆ **Length range:**  
100~2000mm. It also can be customized according to your requirements.
- ◆ **Assembly:**  
BSP 1 1/4" thread twist-in, or NPT thread twist-in. Various types of flanges are available for fitting fuel tank if necessary.
- ◆ **Mounting:**  
-38mm x2.6mm O-ring  
-43mm x3.5mm O-ring
- ◆ **Protection rank:** IP67

- Utilizing magnetic field to control the reed on-off switch, the product features a long service life and protection against vibration.
- Rated power: 720mW
- Wire: PVC material (PA corrugated pipe cover is optional)
- Connector: Male" Micro-C" Pinout
- Output signal: NMEA2000/J1939 network messages
- Resolution range: 2~40mm
- Operating temperature: -30°C~+80°C

Art. No.	Product Name	Specification
FY02789	NS3-150mm	Output Signal: NMEA2000 Network Messages Length of wire: 980mm Gasket: NBR Alarm: No Material: SS316 Working Voltage: 9-16V Logo: KUS
FY02790	NS3-200mm	
FY02791	NS3-225mm	
FY02792	NS3-250mm	
FY02793	NS3-275mm	
FY02794	NS3-300mm	
FY02795	NS3-350mm	
FY02796	NS3-400mm	
FY02797	NS3-450mm	
FY02798	NS3-500mm	
FY02799	NS3-550mm	
FY02800	NS3-600mm	
FY02801	NS3-650mm	
FY02802	NS3-700mm	
FY02803	NS3-750mm	
FY02804	NS3-800mm	

Art. No.	Product Name	Specification
FY02839	NS3-150mm	Output Signal: J1939 Network Messages Length of wire: 980mm Gasket: NBR Alarm: No Material: SS316 Working Voltage: 9-32V Logo: KUS
FY02840	NS3-200mm	
FY02841	NS3-225mm	
FY02842	NS3-250mm	
FY02843	NS3-275mm	
FY02844	NS3-300mm	
FY02845	NS3-350mm	
FY02846	NS3-400mm	
FY02847	NS3-450mm	
FY02848	NS3-500mm	
FY02849	NS3-550mm	
FY02850	NS3-600mm	
FY02851	NS3-650mm	
FY02852	NS3-700mm	
FY02853	NS3-750mm	
FY02854	NS3-800mm	



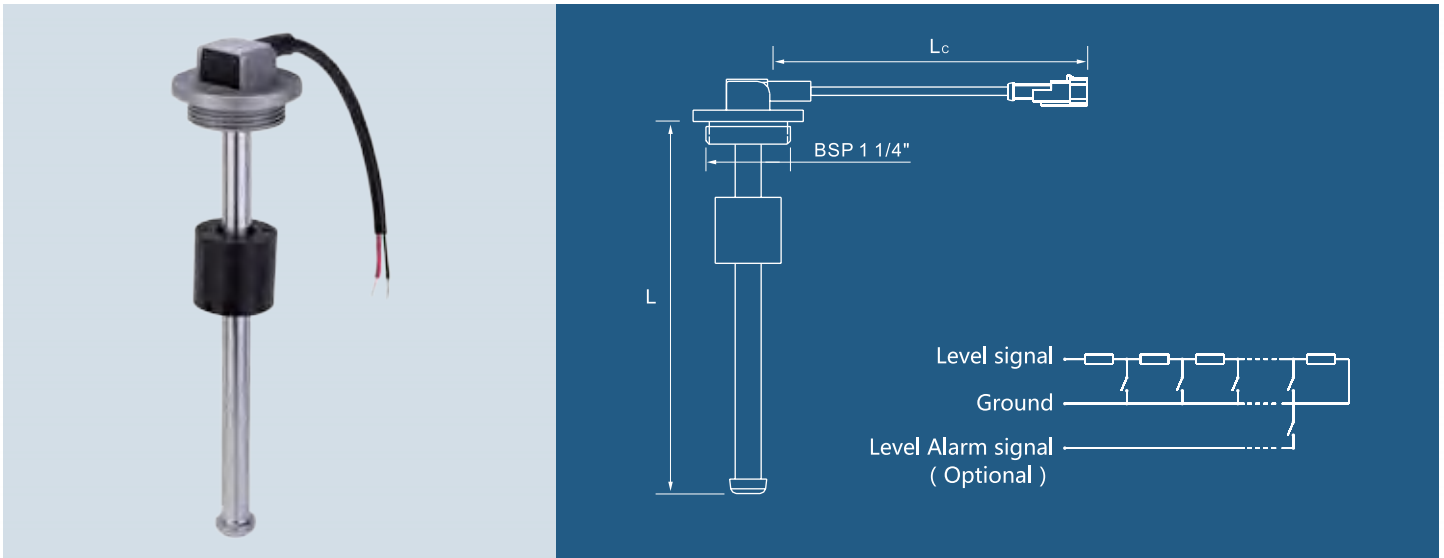


- ◆ Material: The main body is made of SS316 or SS304 stainless steel
- ◆ Length range: 100 ~ 2000 mm. It also can be customized according to your requirements.
- ◆ Mounting: SAE standard 5 holes, other mounting methods available.
- ◆ Accessories:
  - 5 x M5 screws
  - 2 mm thick NBR gasket.
 If installing on a gas tank, we recommend the optional 2mm thick FPM gasket.
- ◆ Protection rank: IP67

- Utilizing magnetic field to control the reed on-off switch, the product features a long service life and protection against vibration.
- Rated power: 125mW
- Rated current for alarm switch: 500mA
- Wire: PVC material (PA corrugated pipe cover is optional)
- Connector: Delphi, Tyco, or others are available according to customer's requirements.
- Output signal:
  - Resistance control signal, 0~190Ω, 240~33Ω, or customized as required; You can also choose current control signal, 0~20mA, 4~20mA or Voltage control signal, 0.5~4.5VDC, 0~5VDC.
- Resolution range: 10~40mm
- Operating temperature: -40°C ~ +85°C



\* Please contact us for more details.



- ◆ Material: The main body is made of SS316 or SS304 stainless steel
- ◆ Length range: 100~2000mm. It also can be customized according to your requirements.
- ◆ Assembly: BSP 1 1/4" thread twist-in, or NPT thread twist-in. Various types of flanges are available for fitting fuel tank if necessary.
- ◆ Mounting: -38mm×2.6mm O-ring  
-43mm×3.5mm O-ring
- ◆ Protection rank: IP67
- Utilizing magnetic field to control the reed on-off switch, the product features a long service life and protection against vibration.
- Rated power: 125mW
- Rated current for alarm switch: 500mA
- Wire: PVC material (PA corrugated pipe cover is optional)
- Connector: Delphi, Tyco, or others are available according to customer's requirements.
- Output signal: Resistance control signal, 0~190Ω, 240~33Ω, or customized as required; You can also choose current control signal, 0~20mA, 4~20mA or Voltage control signal, 0.5~4.5VDC, 0~5VDC.
- Resolution range: 10~40mm
- Operating temperature: -40°C ~ +85°C

KUS is the world's leading supplier of multipurpose level sensors. Every year more than a million KUS sensors are installed in boats, trucks and off-road equipments all over the world. Measurements are done by series of reed switches positioned inside the level tube. The float is the only moving part of the sensor, thereby minimizes potential mechanical failures. These features contribute to the the sensor's precise level measurements.





































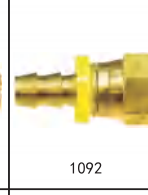






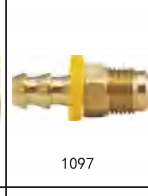
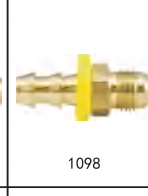
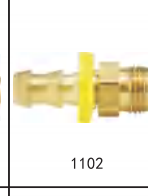


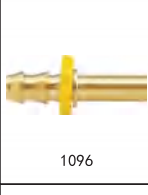







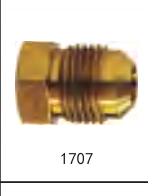





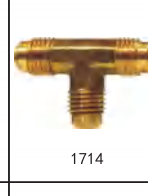


















\* Please contact us for more details.






# BRASS FITTINGS

<b>PIPE P6-P20</b>									
	1140	1141	1142	1143	1144	1145	1146	1147	
									
	1148	1150	1151	1149	1152	1153	1154	1155	1156
									
	1157	1158	1159	1160	2718	2719	2713	2714	2720
									
	2712	2715	2720	1164	1165	1161	1162	1166	1167
							<b>BRASS PUSHIN P24-P32</b>		
1168	1171	1163	1169	1172	1170	2673		2674	
									
2675	2676	2677	2678	2681	2682	2683	2684	2685	
							<b>DOT PUSHIN P33-P40</b>		
2679	2680	2690	2689	2686	2687	2688		2692	
									
2693	2694	2695	2696	2699	2697	2698	2700	2701	
									
2702	2703	2704	2705	2706	2710	2707	3040	2710	

 2710	 2708	 2709	<b>DOT NY CON P41-P48</b>	 1571	 1572	 1573	 1574	 1575	 1576
 1577	 1578	 1579		 1579S	 1580	 1580S	 1581	 1582	 1584
 1583	 1589	 1585	 1585S	 1586	 1587	 1588	<b>DOT COPPER P49-P53</b>	 3020	
 3021	 3022	 3023	 3024	 3025	 3026	 3027		 3028	 3029
 3030	 3031	<b>HOSE BARB P54-P70</b>	 1188	 1189	 1191	 1192	 1198	 1196	
 1190	 1199		 1212	 1213	 1214	 1204	 1202	 1203	 1205
 1207	 1021	 1206	 1194	 1208	 1209	 1210	 1211	 1216	
 1215	 1193	 1197	 1200	 1218	 1219	 1217	 1220	 1221	
 1222	 1223	 1224	 3033	 3034	 3035	<b>TOBE BARB P71-P79</b>	 1050	 1051	



 1052	 1053	 1054	 1056	 1058	 1059	 1055	 1057	 1061
 1062	 1063	 1066	 1084	 1064	 1065	 1067	 1070	 1068
 1069	 1083	 1071	 1072	 1073	 1080	 1081	 1082	 1076
 1074	 1075	 1077	 1078	 1079	<b>PUSH ON P80-P86</b>	 1090	 1091	 1092
 1094	 1099	 1100	 1101	 1104	 1103	 1097	 1098	 1102
 1093	 1095	 1096	<b>SAE 45° P87-P101</b>	 1700	 1701	 1702	 1703	 1704
 1705	 1706	 1707	 1708	 1709	 1710	 1711	 1715	 1714
 1716	 1723	 1721	 1722	 1725	 1724	 1720	 1719	 1726
 1712	 1718	 1717	 1713	 1727	 1728	 1729	 1730	 1731

 1732	<b>JIC 37° P102-P104</b>	 1735	 1736	 1738	 1737	 1741	 1739	 1740
<b>COMPRESSION P105-115</b>	 1105	 1106	 1125	 1107	 1118	 1108	 1109	 1110
 1111	 1119	 1120	 1128	 1121	 1122	 1112	 1113	 1123
 1116	 1117	 1124	 1115	 1114	 1126	<b>SPLIT SLEEVE P116-P117</b>	 1130	 1131
 1132	 1133	 1135	<b>DOTFOR HOSE P118-P123</b>	 1187	 1173	 1186	 1174	 1175
 1190	 1199	 1212	 1213	 1214	 1204	 1202	 1203	 1205
 1185	<b>DOTFOR HOSE P124-P127</b>	 1231	 1229	 1230	 1228	 1232	 1233	 1234
 1235	 1227	 1226	 1225	<b>INVERIT D P128-P136</b>	 22-009	 22-012	 22-022	 22-029
 22-041	 22-057	 22-070	 22-085	 22-091	 22-1100	 22-110	 22-118	 22-127



 22-147	 22-200	 22-206	 22-230	 22-310	 22-250	 22-335	 22-336	 22-342
<b>GARDEN HOSE</b> P137-P144	 40000	 40011	 40001	 60016	 40016	 40078	 40047	 40055
	 40181	 40087	 40066	 40054	 40098	 40021	 40103	 40142
 42096	 40450	 40123	 40052	 40050	 40031	 40039	 40025	 40464
 40453	 40469	 40457	 40505	 40510	 40516	 40545	 40550	 40540
 40565	 40570	 40560	 40526	 40530	 40161	 40162	 40140	 40627
 40637	 40640	 40638	<b>DRAIN COCKS</b> P145-P148	 XJ56064	 XJ51066	 XJ56068	 XJ56069	 XJ56070
 XJ50595	 XJ56079	 XJ56074		 XJ56078	 XJ56080	 XJ56084	 XJ56088	 XJ56085
 XJ56130	 XJ56140	 XJ56151	 XJ56160	 XJ56165	<b>NEEDLE VALVES</b> P150-151	 XJ56002	 XJ56011	 XJ56020

 XJ56028	 XJ56036	 XJ56045	 XJ56048	 XJ56050	 XJ56055	 XJ56060	<b>TRUCK VALVES</b> <b>P152</b>	 XJ56450
 XJ56465	 XJ56475	 XJ56485	<b>SOLID BOTTOM VALVES</b> <b>P153-P154</b>	 XJ56400	 XJ56411	 XJ56400M	 XJ56406M	 XJ56411M
 XJ56429M	<b>333-B</b> <b>P155-P160</b>	 11xJ	 12xJ	 13xJ	 14xJ	 15xJ	 16xJ	 17xJ
 18xJ	 19xJ	 20xJ	 21xJ	 22xJ	 23xJ	 24xJ	 25xJ	 26xJ
 27xJ	 28xJ	 29xJ	 30xJ	 31xJ	 32xJ	 32xJ	<b>310</b> <b>P160-P169</b>	 1xJ
 2xJ	 3xJ	 4xJ	 5xJ	 6xJ	 7xJ	 8xJ	 9xJ	 10xJ
 10xJ	<b>PTC&amp;PTCR</b> <b>P170-P173</b>	 3044	 3045	 3046	 3047	 3048	 3049	 3050
 3051	 3052	 3053	 3054	 3055	 3056	 3057	 3058	

## BOAT INSTRUMENTS

ABSOLUTELY ESSENTIAL ON SAILING YACHTS AND MOTOR CRUISERS  
NOT SUITABLE FOR CUTTING CHAINS



P/N	Size	Copper wire shear area(mm <sup>2</sup> )	Aluminum wire shear area(mm <sup>2</sup> )	Steel Shear area(mm <sup>2</sup> )
FY0303	18"	100	150	150
FY0304	24"	200	250	250
FY0306	36"	300	450	450
FY0307	42"	350	500	500



P/N	Size	Copper wire shear	Aluminum wire shear
FY0308	18"	100	150
FY0309	24"	200	250
FY0310	36"	300	450



P/N	Size	wire shear area
FY0405	12"	5MM <sup>2</sup>

# BATTERY SWITCH

Maximum Voltage 48V DC  
 Stud Size 3/8"  
 Terminal Stud Torque 120 in-lb (13.56 Nm)  
 Continuous Rating 300A  
 Intermittent Rating 500A (5 min)  
 Cranking Rating 30 sec 900A

P/N

FY6006



Maximum Voltage 32V DC  
 Stud Size 3/8"  
 Terminal Stud Torque 120 in-lb (13.56 Nm)  
 Continuous Rating 300A  
 Intermittent Rating 500A (5 min)  
 Cranking Rating 30 sec 900A

P/N

FY6007



Maximum Voltage 32V DC  
 Stud Size 3/8"  
 Terminal Stud Torque 120 in-lb (13.56 Nm)  
 Continuous Rating 300A  
 Intermittent Rating 500A (5 Min)  
 Cranking Rating 30 sec 900A

P/N

FY6008





Maximum Voltage 32V DC  
Stud Size 3/8"  
Terminal Stud Torque 120 in-lb (13.56 Nm)  
Continuous Rating 300A  
Intermittent Rating 450A (5 min)  
Cranking Rating 30 sec 675A per circuit

P/N

FY6010



Maximum Voltage 32V DC  
Stud Size 3/8"  
Terminal Stud Torque 120 in-lb (13.56 Nm)  
Continuous Rating 300A  
Intermittent Rating 450A (5 min)  
Cranking Rating 30 sec 675A per circuit

P/N

FY6011



## WOODEN OARS

Made of pine

P/N	Size
Z100120A	120*47*18cm
Z100125A	125*47*18cm
Z100130A	130*47*18cm
Z100150A	150*47*18cm



Made of pine&acacia

P/N	Size
Z100120B	120*47*18cm
Z100125B	125*47*18cm
Z100130B	130*47*18cm



Made of pine

P/N	Size
Z100130C	130*60*20cm



Made of pine

P/N	Size
Z100160	60"-152*54*11.5cm
Z100166	66"-167*54*11.5cm
Z100172	72"-182*54*11.5cm
Z100178	78"-198*60*11.5cm
Z100184	84"-213*60*11.5cm
Z100190	90"-228*60*11.5cm
Z100196	96"-243*60*11.5cm







Made of pine

P/N	Size
Z100232A	32"-80*30*15cm
Z100242A	42"-106*40*15cm
Z100248A	48"-122*43*15cm
Z100254A	54"-137*45*15cm
Z100260A	60"-152*48*15cm
Z100266A	66"-168*54*15cm
Z100272A	72"-182*54*15cm



Made of pine

P/N	Size
Z100232B	32"-80*30*15cm
Z100242B	42"-106*40*15cm
Z100248B	48"-122*43*15cm
Z100254B	54"-137*45*15cm
Z100260B	60"-152*48*15cm
Z100266B	66"-168*54*15cm
Z100272B	72"-182*54*15cm



Made of ash

P/N	Size
Z103140	140*50*21cm



Made of pine&acacia

P/N	Size
Z104128	128*50*24cm

Made of pine&acacia

P/N	Size
Z104133	133*50*26cm



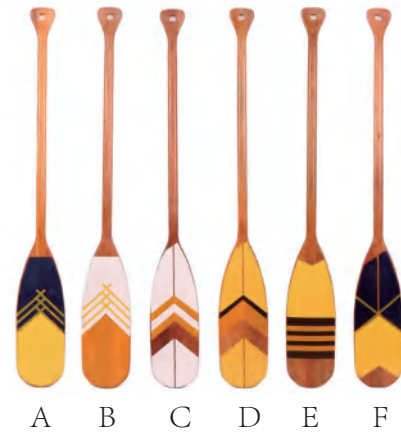
Made of pine&acacia

P/N	Size
Z105150	150*50*15cm



Made of Rubberwood

P/N	Size
Z106120A	120*45*15cm
Z106120B	120*45*15cm
Z106120C	120*45*15cm
Z106120D	120*45*15cm
Z106120E	120*45*15cm
Z106120F	120*45*15cm



Made of Walnut

P/N	Size
Z107150A	150*56*15cm
Z107150B	150*56*15cm
Z107150C	150*56*15cm
Z107150D	150*56*15cm
Z107150E	150*56*15cm
Z107150F	150*56*15cm





Made of pine

P/N	Size
Z108150A	150*48*15cm
Z108150B	150*48*15cm
Z108150C	150*48*15cm
Z108150D	150*48*15cm



Made of pine

P/N	Size
Z109150A	150*50*15.5cm
Z109150B	150*50*15.5cm



Made of pine

P/N	Size
Z110120A	120*47*18cm
Z110120B	120*47*18cm
Z110120C	120*47*18cm



Made of ash

P/N	Size
Z101092	92*42*15.5cm
Z101122	122*58*15.5cm
Z101152	152*70*15.5cm
Z101168	168*75*15.5cm

Made of pine

P/N	Size
Z101270	70*38*15cm
Z101280	80*38*15cm
Z101290	90*38*15cm



Made of pine

P/N	Size
Z101342	42*20*10cm



Made of boxwood

P/N	Size
Z101445	45*20*10.2cm



Made of pine

P/N	Size
Z115180	180*69*15cm



**SOL ENOID**



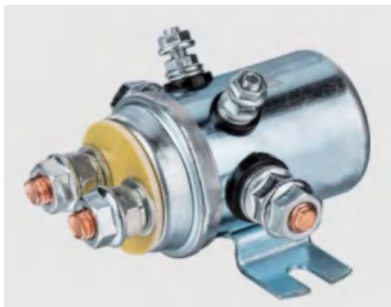
P/N	Description
I214250X	WINCH SOL ENOID 250A

**SOL ENOID**



P/N	Description
I214450	WINCH SOL ENOID 450-500A

**SOL ENOID**



P/N	Description
I214255 -12V	12V WINCH SOL ENOID

**BATTERY BOX**

Made of Plastic



P/N	External dimension	Inside dimension
FY004	350*275*260mm	255*178*210mm
FY005	430*230*260mm	350*178*210mm



### DIVING KIT



S800761

Color:balck+bule  
S/M  
L/XL



S800762

Color:black  
S/M  
L/XL



S800763

Color:black+yellow  
S/M  
L/XL



S800764

Color:black+red  
S/M  
L/XL



S800765

Color:pink+black  
S/M  
L/XL

### DIVING GOGGLES



S800761DK

Color:balck+bule



S800767DK

Color:black



S800763DK

Color:black+yellow



S800764DK

Color:black+red



S800765DK

Color:pink+black

### FLIPPERS



S800761F

Color:black+blue



S800767F

Color:black



S800763F

Color:black+yellow



S800764F

Color:black+red



S800765F

Color:pink+black





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