



# CATALOGUE

**2024 / 2025**  
FULL PRODUCT RANGE



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### **CS-101+332A**

- Threadless Headset
- 1 1/8"
- 28.6 x 34 x 30
- Alloy
- Seal Bearings



### **CS-105**

- Threadless Integrated Headset
- 1 1/8"
- 28.6 x 41.8 x 41.8 x 30
- Alloy
- Seal Bearings
- For Head Tube 51
- Color : AD Black



### **CS-106**

- Threadless Integrated Headset
- 1 1/8"
- 28.6 x 41.8 x 52 x 39.8
- Alloy
- Seal Bearings
- For Head Tube 46
- Color : AD Black



### **CS-106G+332A**

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- Threadless Semi-Integrated Headset
- 1 1/8" ->1.5"
- 28.6 x 44 x 56(55) x 39.8
- Alloy
- Seal Bearings
- For MTB



### **CS-108G+332A**

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- Threadless Semi-Integrated Headset
- 1 1/8" ->1.5"
- 28.6 x 44 x 49.7 x 39.8
- Alloy
- Seal Bearings
- For Down Hill



### **CS-102AH + 332A**

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- Threadless Semi-Integrated Headset
- Alloy
- 1 1/8"
- 28.6 x 44 x 30
- Weight : 130g
- Seal Bearing
- Color : Silver Or Black



### **CS-568A + 332A**

- Threadless Headset
- Sealed Water Resistant
- 1 1/8"
- 28.6 x 34 x 30
- Weight: 133g
- Alloy
- 5/32" x 22 Ball Retainer
- For MTB
- Clip / On Stem
- Color : Silver Or Black

Patent design



### **CS-N568 + 332**

- Threadless Headset
- Water Resistant
- 1 1/8"
- 28.6 x 34 x 30
- Weight: 145g
- Steel
- 5/32" x 22 Ball Retainer
- For MTB, BMX, Racing & City Bike
- Color : CP Or Black

Patent design



### **CS-587E+332**

- Threadless Semi-Integrated Headset
- Economic Type
- W/Plastic Cap
- 1 1/8"
- 28.6 x 44 x 30
- Weight : 103g
- Steel
- 5/32" x 22 Ball Retainer
- Color : CP Or Black



### **HP-250A + 332A**

- Threadless Headset
- Sealed Water Resistant
- 1"
- 25.4 x 30/30.2 x 27/26.4
- Weight : 106g
- Alloy
- 5/32" x 20B Ball Retainer
- For MTB
- Clip/ On Stem
- Color : Silver Or Black

Patent design



### CS-580

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- Threaded Headset
- Sealed Water Resistant Mechanism
- 1 1/8" x 26T
- 25.4 x 34 x 30
- Alloy
- Seal Bearing
- Color : Red, Blue, Silver, Black



### CS-560

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- Threaded Headset
- Sealed Water Resistant
- 1 1/8" x 26T
- 25.4 x 34 x 30
- Height : 40.8
- Steel
- 5/32" x 22 Ball Retainer
- For MTB
- Color: CP, Black



### HP-233

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- Threaded Headset
- Sealed Water Resistant Mechanism
- 1" x 24T
- 22.2 x 30 x 27/26.4
- Height : 40.7
- Alloy
- Ø2.5 x 20 Needle Retainer
- For MTB & ATB & Road
- Color: Silver, Black



**HP-8311W**

- Threaded Headset
- Water Resistant
- 1" x 24T
- 22.2 x 30 x 27
- Height : 34
- Light Alloy
- 5/32" x 20 Ball Retainer
- For Track Or Road
- Color: Silver, Black

**HP-8311N**

- Alloy
- 5/32" x 20 Ball Retainer  
For Upper Cup
- Steel Ball Races Inside Cup
- Height : 35
- Ø2.5 x 20 Needle Bearing  
For Lower Race



**HP-242**

- Threaded Headset
- Sealed Water Resistant Mechanism
- 1" x 24T
- 22.2 x 30 x 27
- Height : 34.9
- Alloy
- 5/32" x 20 Ball Retainer
- For MTB & ATB & Road
- Color : Silver, Black



**HP-8002GW**

- Threaded Headset
- Sealed Water Resistant
- 1" x 24T
- 22.2 x 30 x 27/26.4
- Height : 35.85
- Steel
- 5/32" x 16 Ball Retainer
- For MTB & Road
- Color : CP Or Black
- High Grade Polishing



**HP-252**

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- Threaded Headset
- Sealed Water Resistant
- 1" x 24T
- 22.2 x 30 x 27
- Height : 36.16
- Steel
- 5/32" x 16 Ball Retainer
- For Super Light Or Minicycles
- Color : CP Or Black



**HP-662**

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- Threaded Headset
- 1" x 24T
- 22.2 x 30 x 27
- Height : 36
- W/Thread Lock Washer
- Steel
- 5/32" x 16 Ball Retainer
- For Light Weight Or Minicycle
- Color : CP Or Black



**HP-N663**

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- Threaded Headset
- 1" x 24T
- 22.2 x 30 x 27
- Height : 34.45
- Steel
- 5/32" x 16 Ball Retainer
- For Light Weight Or Minicycle
- Color : CP Or Black





### **HP-665**

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- Threaded Headset
- 1" x 24T
- 21.1 x 32.5 x 27
- Height : 38
- Steel
- 3/16" x 15" Ball Retainer
- For BMX
- Color : CP Or Black



### **HP-668**

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- Threaded Headset
- 1" x 24T
- Aluminum
- 21.15 x 32.5 (32.7) x 27 (26.4)
- Sealed Bearings
- For BMX
- Color : Anodize



### **HP-669**

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- Threaded Headset
- 1" x 24T
- Aluminum
- 21.15 x 32.5 (32.7) x 27 (26.4)
- Sealed Bearings
- For BMX
- Color : Anodize



**HP-334A**

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- 1 1/8" Star Washer
- CNC Alloy Cap For Threadless Headset
- Color : Silver, Black



**HP-332A**

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- 1" Or 1 1/8" Star Washer
- Alloy Cap For Threadless Headset
- Color : Silver, Black



**323**

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- 1"
- Alloy Spacer For Threadless Headset
- Size: 2mm, 5mm, 8mm, 10mm
- Color : Silver, Black



**324**

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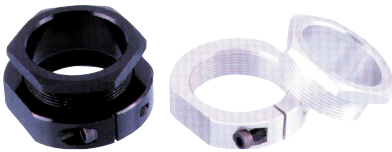
- 1 1/8"
- Alloy Spacer For Threadless Headset
- Size : 2mm, 5mm, 8mm, 10mm
- Color : Silver, Black

**HP-325**

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Height Adjuster

- 1"
- Alloy
- Weight : 20G
- For MTB, BMX, Racing
- Color : Black & Silver



**CS-325 / CS-325-1**

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Height Adjuster

- 1 1/8"
- Alloy
- Weight : 25G
- For MTB, BMX, Racing
- Color : Black & Silver



### BB-0901 (2010)

Threadless External Bottom Bracket

- Alloy
- Width 68L
- Sealed Bearing
- Suit For  $\varnothing 24$  &  $\varnothing 24 / \varnothing 22$
- Color : Silver, Black, Red, Blue, Gold

PAT No. M373870



### BB-830

External Bottom Bracket

- Aluminum material
- Sealed bearings
- OD  $\varnothing 46$ , Length 68-73mm
- For  $\varnothing 24$  &  $\varnothing 24 / \varnothing 22$
- With 22mm kit



### **BB-869**

Integrated Bottom Bracket (Press Fit)

- Aluminum Material
- Length 86-92, OD  $\varnothing 41$
- For  $\varnothing 24$  &  $\varnothing 24/\varnothing 22$
- Sealed Bearings
- With 1.5mm spacers & 22mm Kits



### **BB-869N**

Integrated Lock Type Bottom Bracket (Press Fit)

- Aluminum material
- Sealed bearings
- Length 86-92mm, OD  $\varnothing 41$
- For  $\varnothing 24$  &  $\varnothing 24/\varnothing 22$
- With 22mm kit



### **BB-2008-1C**

- Eccentric BB
- Alloy With Stainless Bolts
- 54.8 x 68L
- BB Ring Hard AD
- Weight : 130g

PAT No. M326497



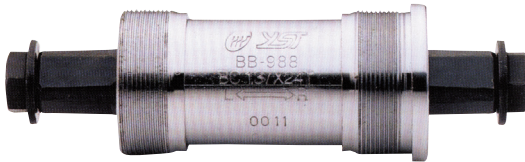
### **BB-990FC**

- Threaded Cartridge BB
- Carbon BB Shell
- Cr-Mo Axle
- Sealed Bearing
- 1.37" x 24T
- Axle Length : 103mm, 107mm, 110mm



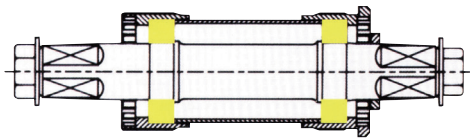
**BB-993**

- Threadless BB Set
- Water Resistant Mechanism
- Patent Design Cartridge BB Set For MTB Or Road
- W/Double Sealed Bearing
- Serviceable Fits All Threaded And Unthread Bottom Brackets



**BB-988**

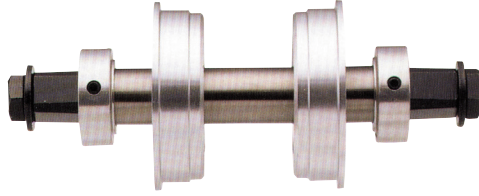
- One-Piece Cartridge BB
- Water Resistant Mechanism
- W/Double Sealed Bearing & Caps
- Axle Length Available On Request
- 1.37" x 24T
- For E-Type



Available Axle Length for Cartridge BB

Model	L	A	Model	L	A
3M	110	21	3P	119	26.98
3J	113	22.5	3NL	122.5	27.98
3L	116	23.98	3S	124.5	29.48
			3U	127.5	32.48

\* This specification drawings and table are only for references!



**BB-8302**

- Sealed Bearing, Light Alloy, For BMX, MTB & ATB.
- Light Alloy Cups With Sealed Bearing,
- Bolt Type Cotterless Axle
- BB-8302 Axle 127mm For Single Chainwheel
- BB-8312 Axle 131mm For Double Chainwheel
- BB-8322 Axle 135mm For Triple Chainwheel



**BB-8308**

- Bottom Bracket Set-American BB
- Aluminum
- Bearing ID 19mm
- Aluminum Tube, Silver Color
- Spacers 1.5mm and 3mm
- Color : Anodize
- For BMX 22mm Bearing Available

**BB-8309**

- Bottom Bracket Set-Mid BB
- Aluminum
- Bearing ID 19mm
- Aluminum Tube, Silver Color
- Spacers 1.5mm And 3mm
- Color : Anodize
- For BMX , W/O BB-8308 Cups

**BB-8328**

- Bottom Bracket-Euro BB
- Aluminum
- Sealed Bearings
- Suit 19mm crank axle
- 1.37" x 24T
- Color : Anodize







**BB-8339**

- Bottom Bracket Set-Chain Line Adjustable
- Sealed Lock Rings, Aluminum Cups
- Bolt Type Cotterless Axle, 127mm
- Sealed Bearings
- 1.37" x 24T
- BMX, City Bike, E-Bike
- Color : Anodize



**BB-BMX-82W**

- Wrench Type Water Proof System For BMX, MTB & ATB
- Bolt Type Cotterless Axle & Hexagonal Cones
- With 5/16" X 12 Ball Retainer, CP , 24T, Patent For Seals
- BMX-82W-BY1 Axle 135mm For Triple Chainwheel
- BMX-82W-BY2 Axle 131mm For Double Chainwheel
- BMX-82W-BY3 Axle 127mm For Single Chainwheel



**BB-621**

- For BMX One Piece Crank
- Complete Set Of 9 Pcs
- 5/16" x 9 Ball Retainer
- UCP
- 24T

# SPEED SENSOR



## BB-988SS

- Threaded Speed Sensor



## BB-988SSL

- Left Side Threaded Speed Sensor

### Patent design

This BB Set Speed Sensor Uses Infrared Sensing Technique.

The Photodiodes Is Embedded Inside The BB Set. It Is Fully Protected By The Shaft Case.


Intelligent Electric Component And Circuit Design Detects Only Forward Movement And Generate Corresponding Speed Signal.

This Design Is Fully Compatible With The Original BB Shell.

Left Side Sensor Available

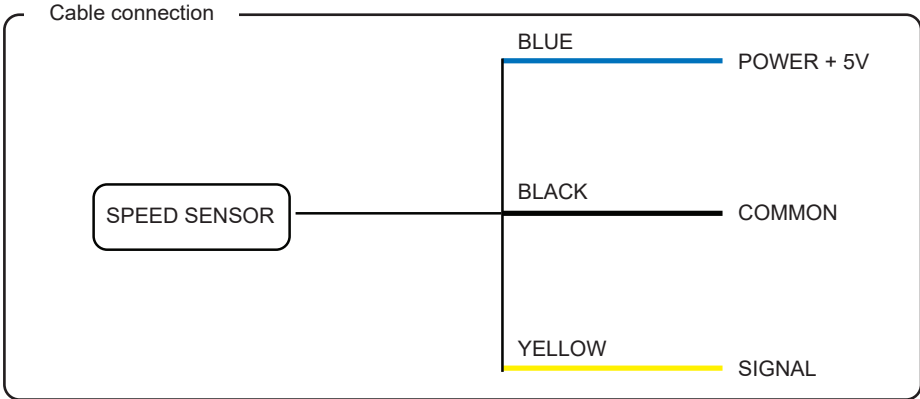
### Features :

1. Sensor Embedded
2. Fully Sealed
3. Moisture And Dust Proof (Pass Ip-X5 Test)
4. Easy To Install

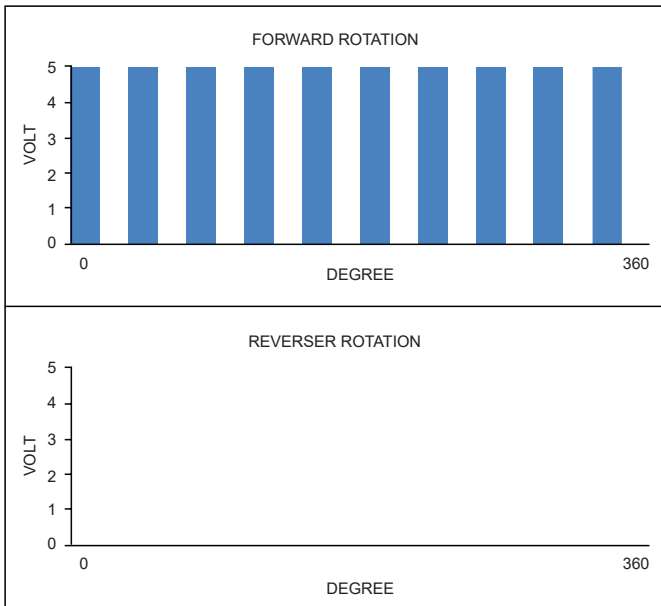
CERTIFICATE of Conformity		TÜV Rheinland
Registration No.:	AK 50457641 0001	
Report No.:	50310491 001	
Holder:	KING RITZ ENTERPRISE CO., LTD. No. 11-11, Sinyue Rd. Hou Li Dist., Taichung City 42157 Taiwan, R.O.C.	
Product:	Inductive Sensor (Speed Sensor for EPAC Bicycles)	
Identification:	SB-988SS-X (L = 154, 120 or 126)	
Remarks:	The product has been EMC tested according to EN 15194 clause 4.2.15.	
Tested acc. to:	EN 15194:2017	
<p>The certificate of conformity refers to the above mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned above. This certificate does not imply endorsement of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.</p>		
Date	18.01.2020	 Certification Body Dup.-Ing. Th. Hög
TÜV Rheinland LGA Products GmbH · Tillystraße 2 · 90431 Nürnberg		

Specifications:

Power	Input Current	Output Signal	Signal High	Signal Low	Output Current	Cable Connection
DC4.6-5.4V	Max .50mA	10 pulses/rev.	> 2V , < 3.5V	< 0.8V	Max. 10mA	Blue : Power (+5V) Yellow : Signal Black : Common 0V



YST BB993 Speed sensor signal - VOLT Sheet





### **YST-899-1-1**

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Differential Gear

- Spline Type, With 22T Sprocket
- Disc Brake & Free Wheel Mount Function



### **DTC Axle**

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Differential Gear Device Axle

- Spline Type
- SCM440
- Out Dia. Ø19,
- Customized Length
- Black color



### **HUB007**

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Differential Gear Device Hub

- Spline Type
- Aluminum
- 14G x 36H x 65mm
- Silver Color



### **YST-899-1**

- Sprocket Spec: 8.0 x 22T
- Suitable Model Range: Electric Vehicle, Manual Tricycle (Recreation, Loading) Electric Tricycles, Four Wheel Utility Vehicle, Recumbent Bike, Tricycle

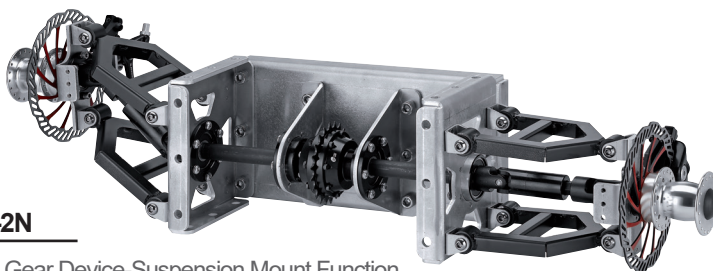
Functions :

1. Rotated Differential Gear Device Breakthrough The Suspension Function Of The Traditional Differential Gear Device
2. Differential Gear Device Can Balance The Bike And The Rider During Riding On The Uneven Surface Road
3. Rotated Differential Gear Device Can Keep Steady And Safety During Turning In High Speed. This Is An Advanced And Pioneer Design



### **YST-899-2**

- Sprocket Spec: 8.0 x 22T
- Suitable Model Range: Electric Vehicle, Manual Tricycle (Recreation, Loading) Electric Tricycles, Four Wheel Utility Vehicle, Recumbent Bike, Tricycle



### **YST-899-2N**

- Differential Gear Device-Suspension Mount Function
  - Sprocket : 22T
  - Axle Length : Customized
  - Arm Length : 3 Options
  - Left And Right Side Mechanical Disc Brakes
  - 14G x 36H Hubs
  - For Electric Tricycle, Manual Tricycle, Four Wheel Cargo Bike
- Function : To Keep Steady And Safety While Turning In High Speed







德易昌實業有限公司  
**KING RITZ ENTERPRISE CO., LTD.**

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台灣台中市后里區眉山里四月路11-11號  
No.11-11, Sihyue Rd., Hou Li Dist.,  
Taichung City 421017, Taiwan



Tel : 886 4 2557 3688 (89)  
Fax : 886 4 2557 2320



Email : [yst@ms6.hinet.net](mailto:yst@ms6.hinet.net)  
[www.yst-corp.com.tw](http://www.yst-corp.com.tw)