

2026 ~ 2027 / Product Catalogue



The Original And Best
Since 1902



Henry Sturmey



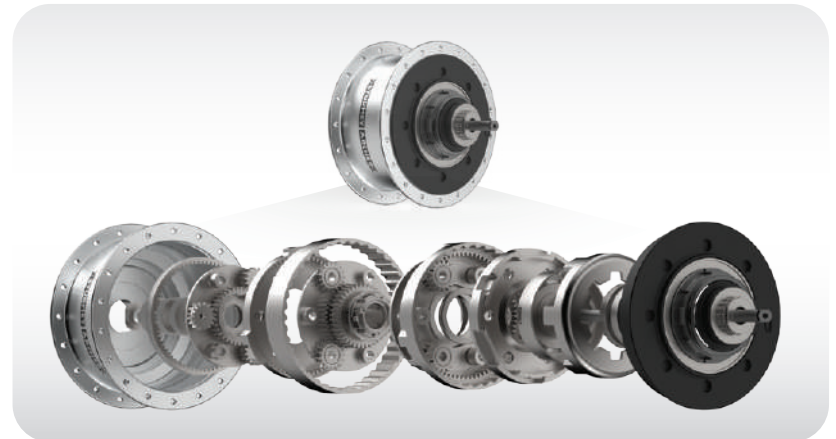
James Archer

For over 120 years, Sturmey-Archer has been a leader in cycling innovation, specializing in internal gear hubs, hub brakes, and dyno hub lighting. Our legacy of precision engineering continues to enhance performance and safety for riders worldwide.

Expanding into the e-bike industry, we now integrate advanced motor technology with our renowned internal gear systems. Our latest drivetrain solutions offer smooth automatic shifting and intelligent power assistance, ensuring a seamless riding experience with the durability and reliability that define Sturmey-Archer.

This catalogue illustrates the complete range of Sturmey-Archer cycle components, including the latest innovations, offering a comprehensive look at our cutting-edge drivetrain solutions. By merging tradition with technology, we remain committed to shaping the future of cycling.

www.sturmey-archer.com | www.sturmey-archerheritage.com



CONTENTS

History	Special Events in Sturmey-Archer History	2
I30 E-Bike System	Automatic 3-Speed E-Bike System	4
I20 E-Bike System	Automatic 2-Speed E-Bike System	8
J13 E-Bike System	Juvenile 3-Speed E-Bike System	14
JA2 E-Bike System	Juvenile 2-Speed E-Bike System	18
E-Lock	Juvenile 2-Speed E-Bike System	22
Connctor Cables	Juvenile 2-Speed E-Bike System	23
X40	Commercial Grade 4-Speed Hubs	24
X30	Commercial Grade 3-Speed Hubs	26
Dynohubs	Dynamo Hubs	30
C5X	Reinforced 5-Speed Hubs	32
C50	5-Speed Hubs	34

S40	4-Speed Hubs	37
C30	Rotary 3-Speed Hubs	40
S30, S35	Classic 3-Speed Hubs	44
SX, QS, TS	Cruiser, Tricycle, Quadricycle Hubs	47
F30	Cassette Freehub 3-Speed	50
A20	Automatic Shift 2-Speed	52
HBT, SF	Single Speed Hubs, Freewheels	54
Drum Brake Hub	Front, Rear, Side Hubs	56
Front Crankset	FCS, FCT	58
BL / CTS	Brake Levers, Chain Tensioners	62
Parts	Small Parts	63
Tools	Proprietary Tools	72

History



1902
3-Speed Hub



1907
3-Speed Coaster



1910
Catalogue



1910
X Gear Control



1913
Tour de France



1931
Motorcycle Gearbox Ad



1933
TF 2-Speed Fixed



1938
Dynohub & TF 4-Speed



1939
Trigger Control



1962
London-Cardiff Record



1966
S5 5-Speed



1966
S2 Kick-Shift



1968
Chopper Shifters



1970
Lights



1984
VT 70mm Front & AT3 3-Speed 70mm Rear



1985
Trigger Shifters



1988
AWC with Brass Brake



1992
Joint Trade Ad



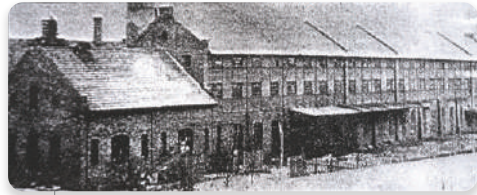
1918
KB 3-Speed Drum Brake



1922
CC Single Speed Coaster



1922
K Gear Control



1929
Nürnberg, Germany



1946
ASC 3-Speed Fixed



1951
Dry Battery Unit



1952
50 Years Poster



1953
The Original And Best Poster



1955
Amsterdam, NL



1972
Girl Poster



1977
SBF Front Drum Brake



1978
SAB 3-Speed Drum Brake



1983
Dutch Ad



1983
55/2 Alloy 5-Speed



1995
AT5 5-Speed Drum Brake



1997
AT7 7-Speed Drum Brake



1997
Orion Shifter



1999
Summit Series



2000
New Home Advert



2002
100 Years



2009
S3X



2015
IMC5



2017
A2

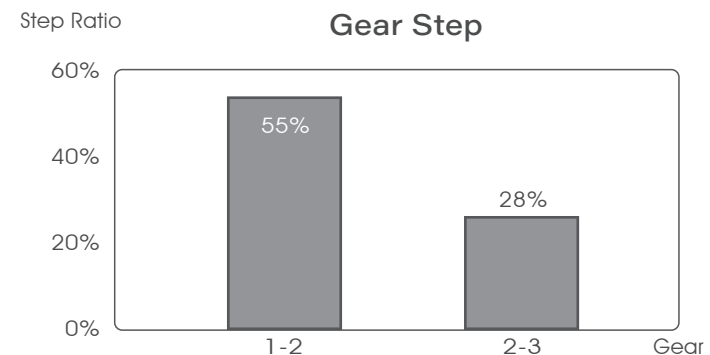
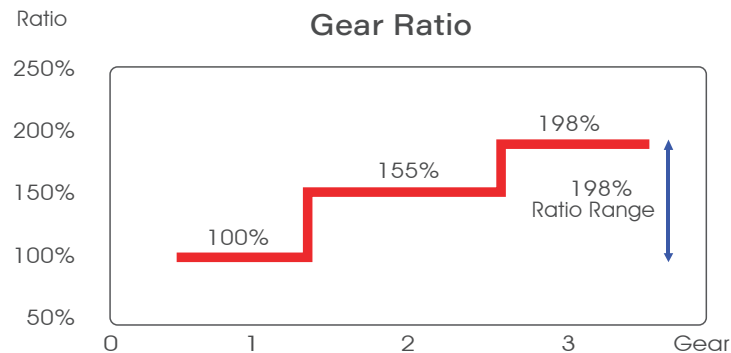
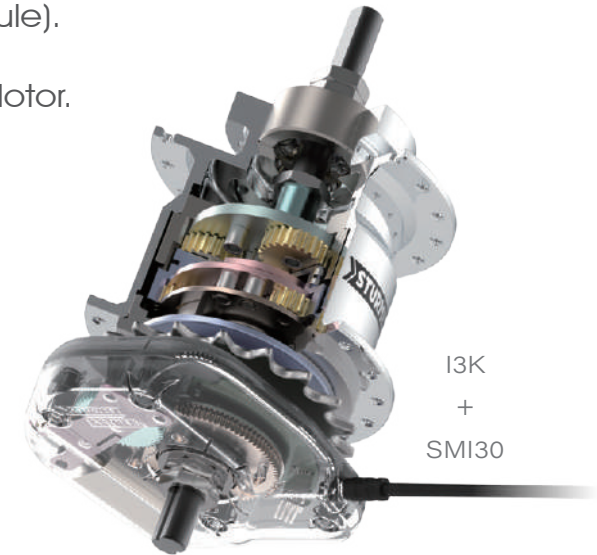


2022
E-Bike System



2022
120 Years

- 48V high efficiency E-Bike System.
- AI Automatic 3-Speed shifting based on Speed, Torque, and Cadence.
- 3-Speed Gear Hub with 100%, 156%, and 198% gear ratios.
- Patented smart and fast electronically controlled E-Shifter (Shift Module).
- 25kph or 32kph (20mph) top speed.
- 250W (48V) Front Hub Motor or Rear 3-Speed IGH Direct-Drive Hub Motor.
- Li-Ion Intube Battery with 504Wh (48V) or 265Wh (48V).
- Intelligent Controller & BMS integrated in Intube Battery.
- CAN bus protocol.
- Bluetooth® connectivity.
- HMI LCD Display can support optional Lights.
- Remote Control buttons.
- Smart & fast Charger (3A) runs on low-temperature.
- E-Lock (optional).



Front Motor Type

**HMI30** Front Motor

- Front Hub Motor I30
- 250W (48V)
- 40Nm
- (9) 910 Motor Connector
- 25kph or 32kph (20mph)
- (K) Disc Brake mount
- Ø 128mm
- (B) 36H for 13/14G
- 100mm OLD
- 3/8" Axle
- 2.4kg

**I3K** Rear Hub

- 3spd IGH for use with SMI30 Shifter Module
- 3spd gear ratio of 100%, 155%, and 198%
- Disc Brake mount
- 135mm OLD including SMI30 Shifter Module
- M10 Axle
- 13T~22T
- 36H/32H/28H for 13/14G
- 1,230g

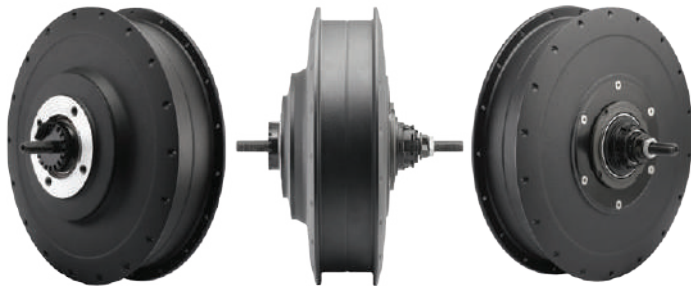
**SMI30**

- Shifter Module I30
- Electronically controlled for use with I30 series IGH.
- CANBUS 2.0B
- 150g

**SMI30 Nut**
5010.3081.001**BTI123 F9** Battery

- (F) Front Motor Type + (9) 910 Motor Connector
- Compact Intube Battery with built-in motor controller
- 48V, 265Wh
- Lithium-ion 21700 cells (Samsung / LG)
- CANBUS 2.0B / BLE 5.0
- Shifter Module control
- Torque & Speed & Cadence sensing control
- Front & Rear Lights control
- Speaker control
- E-Lock control
- (L) 326mm x (W) 54mm x (H) 70mm
- < 2kg

Rear Motor Type

**IMI3** Rear Motor

- Rear Hub Motor with Automatic 3spd IGH built-in
- 3spd IGH for use with SMI30 Shifter Module
- 3spd gear ratio of 100%, 155%, and 198%
- Direct-Drive Motor
- 250W (48V)
- 40Nm
- (S) Square Motor Connector
- 25kph or 32kph (20mph)
- (K) Disc Brake mount
- Ø 220mm
- 135mm OLD including SMI30 Shifter Module
- M10 Axle
- 13~22T
- (B) 36H for 13/14G
- **not compatible with BTI123.**
- 6.3kg

**SMI30**

- Shifter Module I30
- Electronically controlled for use with I30 series IGH.
- CANBUS 2.0B
- 150g

**SMI30 Nut**
5010.3081.001**BTI113 F9** Battery**BTI113 RS** Battery

- (F) Front Motor Type + (9) 910 Motor Connector
- (R) Rear Motor Type + (S) Square Motor Connector
- Intube Battery with built-in motor controller
- 48V, 530Wh
- Lithium-ion 21700 cells (Samsung / LG)
- CANBUS 2.0B / BLE 5.0
- Shifter Module control
- Torque & Speed & Cadence sensing control
- Front & Rear Lights control
- Speaker control
- E-Lock control
- (L) 547mm x (W) 54mm x (H) 70mm
- < 3.3kg

**DRMS30.S4**

- Ø160mm diameter
- Ø8mm*4-bolt fixed method
- BCD 65mm

**DSIS3** Display Stem

- LCD Display
- Assistance: Sport / Tour / Eco
- Battery: % / status
- Speed: Current / Average / Max
- Range / ODO
- kph / mph
- Walk Mode / BLE Mode / Lock Mode
- USB Mode / Light Mode / Gear Mode

**DSI20** Display Monitor

- LCD Display
- Assistance: Sport / Tour / Eco
- Battery: % / status
- Speed: Current / Average / Max
- Range / Trip / ODO
- kph / mph
- Walk Mode / BLE Mode
- Lock Mode / USB Mode
- Light Mode

**CHA200** Charger

- Smart charger - communication with battery BMS
- CANBUS
- 100-240V input
- 173W max output
- 3 hours charging for 0%~100% (504Wh)
- 1.5 hours charging for 50%~100% (504Wh)
- (C) C-Type Plug / (A) A-Type Plug
- 600g

**RMI30** Remote

Left Button Function

- Long press : Power ON/OFF
- Click : Switching power assist mode

Right Button Function

- Long press : Boost
- Click : Bike Ringtone

**RMI20** Remote

- with built-in USB charging port
- 5V, 0.5A

**BBSTS1** Torque Sensor

- 0.5~80Nm measuring range
- BC 1.37*24TPI with 68mm or 73mm width
- 486g



Sprocket Circlip
HSL879 (Xylan)
3809.0707.002



Dust Cap
HSL984
3809.0805.059



Sprocket Options (p.68)



Dome Nut M10
HMN441 (Stainless)
3809.0205.163



Dome Nut 3/8"
HMN435 (Stainless)
3809.0205.161



SMI30 Nut
HMN462
5010.3081.001



Washer
HMW586
3809.0407.036



Anti-rotation Block (V)
HMW594
3809.0410.047



Lock Washer
M10 x 4mm x 9.5mm
HMW575 (Xylan)
3809.0407.034



Lock Washer
M10 x 4mm x 9.5mm
HMW551 (Xylan)
3809.0407.023



Lock Washer (R)
M10 x 4mm x 9.5mm
HMW563 (Xylan)
3809.0407.026



Lock Washer (L)
M10 x 4mm x 9.5mm
HMW564 (Xylan)
3809.0407.027



Lock Washer
M10 x 6mm x 9.7mm
HMW566 (Xylan)
3809.0410.019



Lock Washer
M10 x 4mm x 7.4mm
HMW592 (Xylan)
3809.0410.039



HMI30 Lock Washer
3/8(M12) x 4mm
HMW585 (Xylan)
3809.0407.035



Anti-rotation Block (R)
HMW595
3809.0410.048

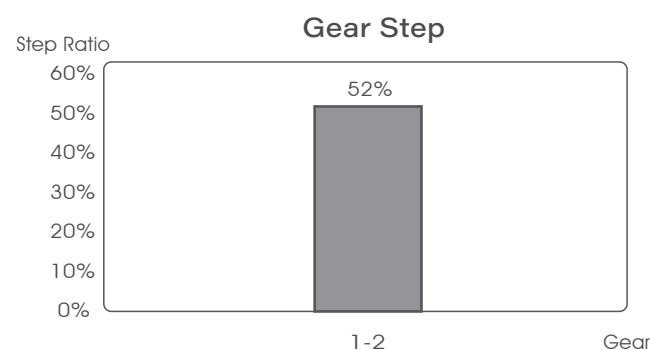
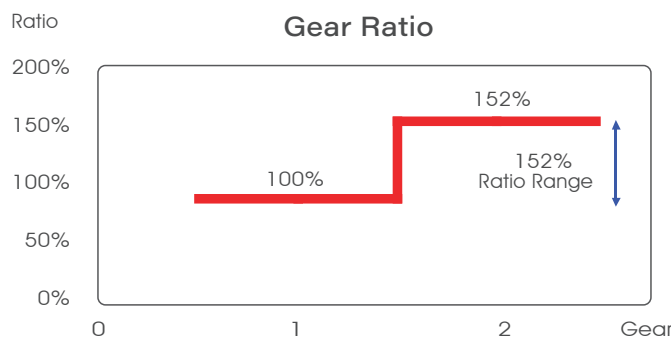
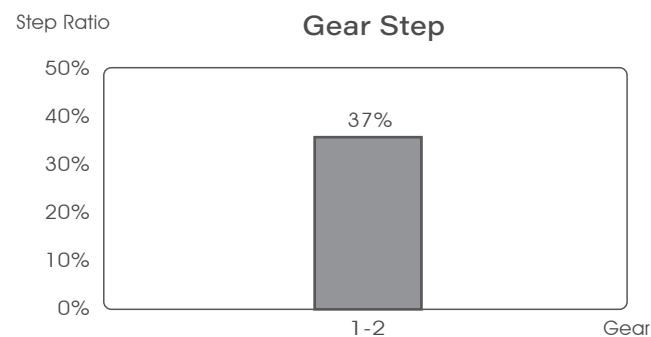
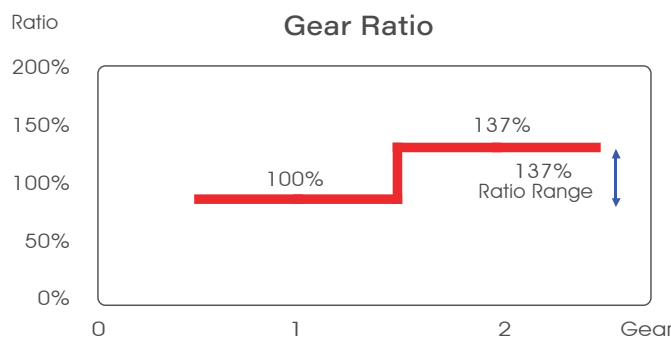
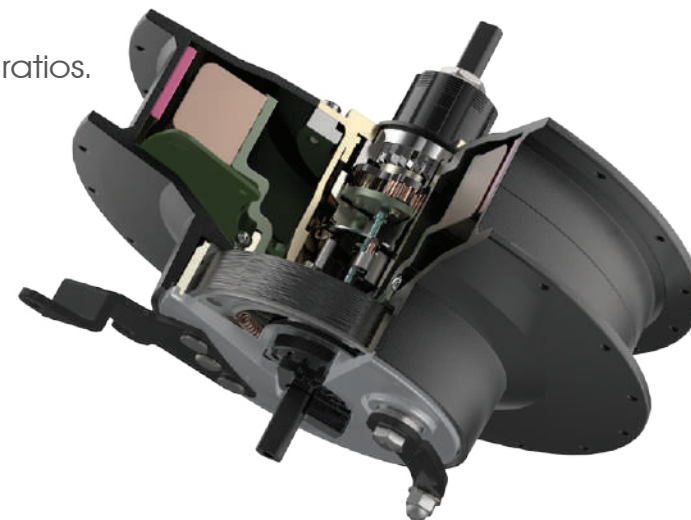


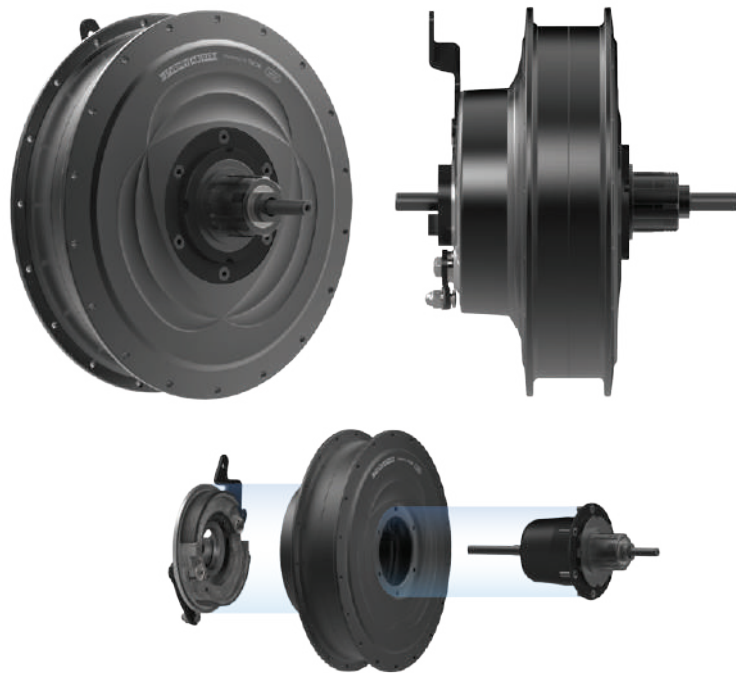
Anti-rotation Block (S)
HMW596
3809.0410.049

Fitting Sets

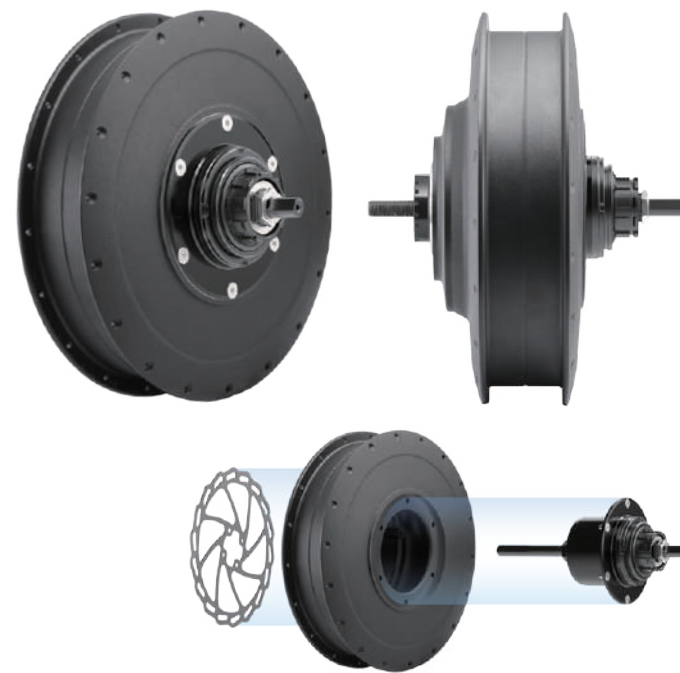
IMI3	[Reversed End] HFXMI3.SSSS	 HSL879	 HSL984	 	 HMN441 (x2)
	[Standard (Angled) End] HFXMI3.SSAS	 HSL879	 HSL984	 	 HMN441 (x2)
	[Vertical End] HFXMI3.SSVS	 HSL879	 HSL984	 	 HMN441 (x2)
HMI30	HFXMI30.0SSS		 HMW586(x2)	 HMW585	 HMN435(x2)
I3K	[Reversed End] HFXI3.SSSS	 HSL879	 HSL984	  HMW551 (x2)	 HMN441 (x2)
	[Standard (Angled) End] HFXI3.SSAS	 HSL879	 HSL984	  HMW563 HMW564	 HMN441 (x2)
	[Vertical End] HFXI3.SSVS	 HSL879	 HSL984	  HMW566 (x2)	 HMN441 (x2)

- 48V high efficiency E-Bike System.
- Automatic 2-Speed IGH Motor with built-in Torque Sensor.
- Automatic 2-Speed IGH Motor without built-in Torque Sensor.
- 250W(48V) or 500W(48V) Direct-Drive Hub Motor.
- 2-Speed with 100% and 137%(IMA2K), or 100% and 152%(IMA2Q T) gear ratios.
- Automatic gear shifting at based on Speed at 18kph.
- 25kph or 32kph (20mph) top speed.
- Li-Ion Intube Battery with 504Wh (48V).
- Intelligent Controller & BMS integrated in Intube Battery.
- CAN bus protocol.
- Bluetooth® connectivity.
- HMI LCD Display can support optional Lights.
- Remote Control buttons.
- Power cut-off safety Brake Lever (optional).
- Smart & fast Charger (3A) runs on low-temperature.
- E-Lock (optional).



**IMA2Q T** Rear Motor

- Rear Hub Motor with Automatic 2spd IGH built-in
- (W) 152% gear ratios
- Direct-Drive Motor
- (S) 250W (48V) 40Nm / (X) 500W (48V) 50Nm
- (S) Square Motor Connector
- 25kph or 32kph (20mph)
- (Q) Torque Sensor built-in
- (T) 110mm Drum Brake built-in
- Ø 220mm
- (B) 36H for 13/14G
- 142mm OLD
- M10 Axle
- 6.7kg~7.4kg

**IMA2 K** Rear Motor

- Rear Hub Motor with Automatic 2spd IGH built-in
- (S) 137% gear ratios
- Direct-Drive Motor
- (S) 250W (48V) 40Nm
- (S) Square Motor Connector
- 25kph or 32kph (20mph)
- (K) Disc Brake mount
- Ø 220mm
- (B) 36H for 13/14G
- 135mm OLD
- M10 Axle
- 6.2 kg

**DSIS3** Display Stem

- LCD Display
- Assistance: Sport / Tour / Eco
- Battery: % / status
- Speed: Current / Average / Max
- Range / ODO
- kph / mph
- Walk Mode / BLE Mode / Lock Mode / USB Mode / Light Mode / Gear Mode

**RMI30** Remote

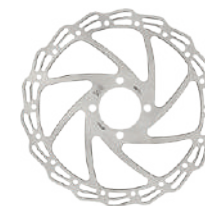
- Left Button Function
 - Long press : Power ON/OFF
 - Click : Switching power assist mode
-
- Right Button Function
 - Long press : Boost
 - Click : Bike Ringtone

**BLS72E** (Forged Alloy Lever)**BLS73E** (die-casting Alloy Lever)

- Poweroff safety lever
- For Drum / Roller

BLM72E (Forged Alloy Lever)**BLM73E** (die-casting Alloy Lever)

- Poweroff safety lever
- For V-Brake / Disc Brake

**DRMS30.S4**

- Ø160mm diameter
- Ø8mm*4-bolt fixed method
- BCD 65mm

**DSI20** Display Monitor

- LCD Display
- Assistance: Sport / Tour / Eco
- Battery: % / status
- Speed: Current / Average / Max
- Range / Trip / ODO
- kph / mph
- Walk Mode / BLE Mode / Lock Mode / USB Mode / Light Mode

**RMI20** Remote

- with built-in USB charging port
- 5V, 0.5A



Parking Switch

BLS72E-P (Forged Alloy Lever)**BLS73E-P** (die-casting Alloy Lever)

- Poweroff safety lever
- Parking Brake Button
- For Drum / Roller

BLM72E-P (Forged Alloy Lever)**BLM73E-P** (die-casting Alloy Lever)

- Poweroff safety lever
- Parking Brake Button
- For V-Brake / Disc Brake

**BTI103 RS** Battery

- (R) Rear Motor Type + (S) Square Motor Connector
- For (S) 250W (48V) or (X) 500W (48V) Rear Hub Motor
- Intube Battery with built-in motor controller
- 48V, 504Wh
- Lithium-ion 21700 cells (Samsung / LG)
- CANBUS 2.0B / BLE 5.0
- Shifter Module control
- Torque & Speed & Cadence sensing control
- Front & Rear Lights control
- Speaker control
- E-Lock control
- (L) 541mm x (W) 58mm x (H) 81mm (including bracket)
- < 3.3kg

**BTI113 RS** Battery

- (R) Rear Motor Type + (S) Square Motor Connector
- For (S) 250W (48V) Rear Hub Motor only
- **Not compatible for (X) 500W (48V) Motors**
- Intube Battery with built-in motor controller
- 48V, 530Wh
- Lithium-ion 21700 cells (Samsung / LG)
- CANBUS 2.0B / BLE 5.0
- Shifter Module control
- Torque & Speed & Cadence sensing control
- Front & Rear Lights control
- Speaker control
- E-Lock control
- (L) 547mm x (W) 54mm x (H) 70mm
- < 3.3kg

**CHA200** Charger

- Smart charger - communication with battery BMS
- CANBUS
- 100-240V input
- 173W max output
- 3 hours charging for 0%~100% (504Wh)
- 1.5 hours charging for 50%~100% (504Wh)
- (C) C-Type Plug / (A) A-Type Plug
- 600g



Dome Nut M10

HMN441 (Stainless)
3809.0205.163



Lock Washer
M10 x 4mm x 9.5mm

HMW551 (Xylan)
3809.0407.023



Lock-Ring
HSL896
3809.0812.005



Sprocket Spacer 3mm
HMW535



CSIX Sprocket
Options (Page 68)



Sprocket Circlip
HSL879 (Xylan)
3809.0707.002

Fitting Sets

[Reversed End]

IMA2Q
HFXMA2Q.SNSS



HSL896



HMW535 (x6)



HMW551



HMN441 (x2)

IMA2
HFXMA2.SNSS



HSL879



HMW535



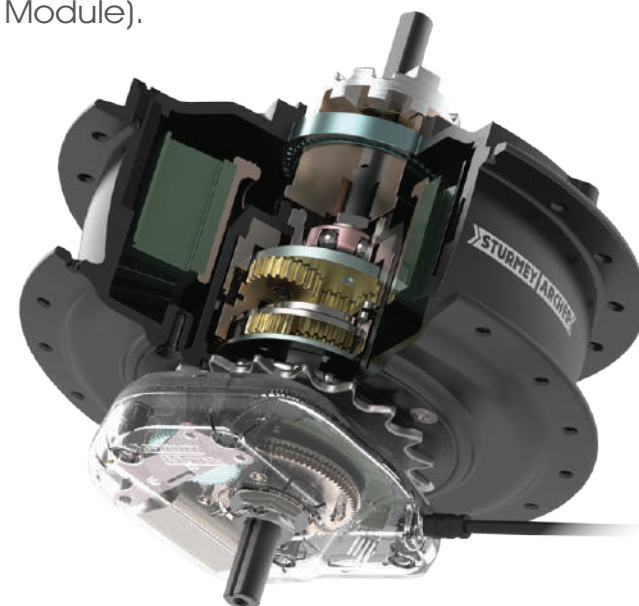
HMW551



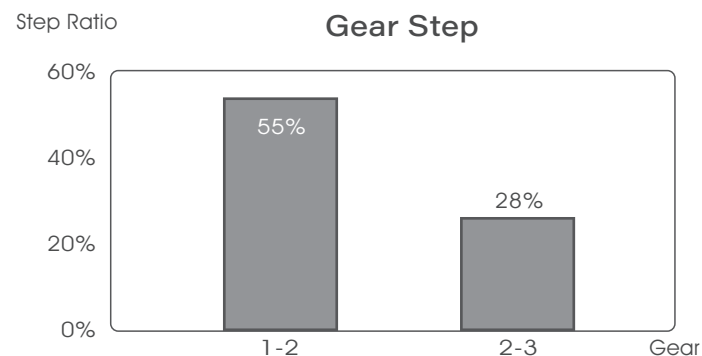
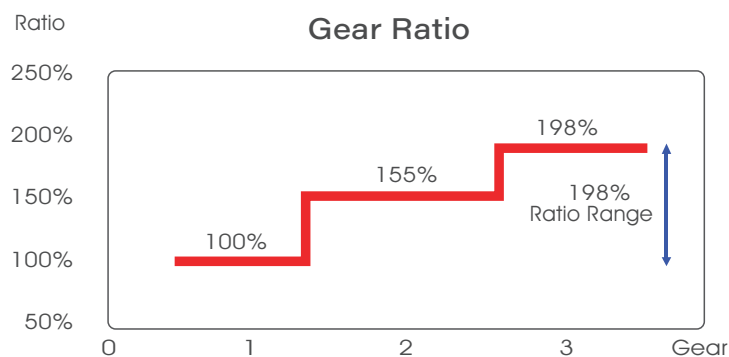
HMN441 (x2)

Notes

- Juvenile specific 48V high efficiency E-Bike System.
- Rear 3-Speed IGH Direct-Drive Hub Motor.
- AI Automatic 3-Speed shifting based on Speed, Torque, and Cadence.
- 3-Speed Gear Hub with 100%, 155%, and 198% gear ratios.
- Patented smart and fast electronically controlled E-Shifter (Shift Module).
- 25kph top speed.
- Li-Ion Intube Battery with 265Wh (48V).
- Intelligent Controller & BMS integrated in Intube Battery.
- CAN bus protocol.
- Bluetooth® connectivity.
- HMI LCD Display can support optional Lights.
- Remote Control buttons.
- Smart & fast Charger (3A) runs on low-temperature.
- E-Lock (optional).



IMJ13
+
SMI30





DSIS3 Display Stem

- LCD Display
- Assistance: Sport / Tour / Eco
- Battery: % / status
- Speed: Current / Average / Max
- Range / ODO
- kph / mph
- Walk Mode / BLE Mode / Lock Mode / USB Mode / Light Mode / Gear Mode



RMI30 Remote

- Left Button Function
- Long press : Power ON/OFF
- Click : Switching power assist mode
- Right Button Function
- Long press : Boost
- Click : Bike Ringtone



IMJ13 Rear Motor

- Rear Hub Motor with Automatic 3spd IGH built-in
- 3spd IGH use with SMI30 Shifter Module
- 3spd gear ratio of 100%, 155%, and 198%
- Direct-Drive Motor
- 250W (48V)
- 25Nm
- (9) 910 Motor Connector
- 25kph
- (K) Disc Brake mount
- Ø 166mm
- 135mm OLD including SMI30 Shifter Module
- M10 Axle
- 13~22T
- (B) 36H for 13/14G
- 3.6 kg



SMI30

- Shifter Module I30
- Electronically controlled for use with I30 series IGH.
- CANBUS 2.0B
- 150g



SMI30 Nut

5010.3081.001



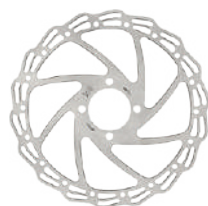
BBSTS1 Torque Sensor

- 0.5~80Nm measuring range
- BC 1.37*24TPI with 68mm or 73mm width
- 486g



DSI20 Display Monitor

- LCD Display
- Assistance: Sport / Tour / Eco
- Battery: % / status
- Speed: Current / Average / Max
- Range / Trip / ODO
- kph / mph
- Walk Mode / BLE Mode
- Lock Mode / USB Mode
- Light Mode



DRMS30.S4

- Ø160mm diameter
- Ø8mm*4-bolt fixed method
- BCD 65mm



RMI20 Remote

- with built-in USB charging port
- 5V, 0.5A



BTI123 R9 Battery

- (R) Rear Motor Type + (9) 910 Motor Connector
- Compact Intube Battery with built-in motor controller
- 48V, 252Wh
- Lithium-ion 21700 cells (Samsung / LG)
- CANBUS 2.0B / BLE 5.0
- Shifter Module control
- Torque & Speed & Cadence sensing control
- Front & Rear Lights control
- Speaker control
- E-Lock control
- (L) 326mm x (W) 54mm x (H) 70mm
- <2kg



CHA200 Charger

- Smart charger - communication with battery BMS
- CANBUS
- 100-240V input
- 173W max output
- 3 hours charging for 0%~100% (504Wh)
- 1.5 hours charging for 50%~100% (504Wh)
- (C) C-Type Plug / (A) A-Type Plug
- 600g



Sprocket Circlip
HSL879 (Xylan)
3809.0707.002



Dust Cap
HSL984
3809.0805.059



Sprocket Options (p.68)



Dome Nut M10
HMN441 (Stainless)
3809.0205.163



SMI30 Nut
HMN462
5010.3081.001



Lock Washer
M10 x 4mm x 9.5mm
HMW575 (Xylan)
3809.0407.034



Lock Washer
M10 x 4mm x 9.5mm
HMW551 (Xylan)
3809.0407.023



Lock Washer
M10 x 4mm x 9.5mm
HMW563 (Xylan)
3809.0407.026



Lock Washer
M10 x 4mm x 9.5mm
HMW564 (Xylan)
3809.0407.027



Lock Washer
M10 x 6mm x 9.7mm
HMW566
3809.0410.019

Fitting Sets [Reversed End] HFXMI3.SSSS



HSL879



HSL984



HMW551



HMN441 (x2)

[Standard (Angled) End] HFXMI3.SSAS



HSL879



HSL984



HMW563



HMN441 (x2)

[Vertical End] HFXMI3.SSVS



HSL879



HSL984



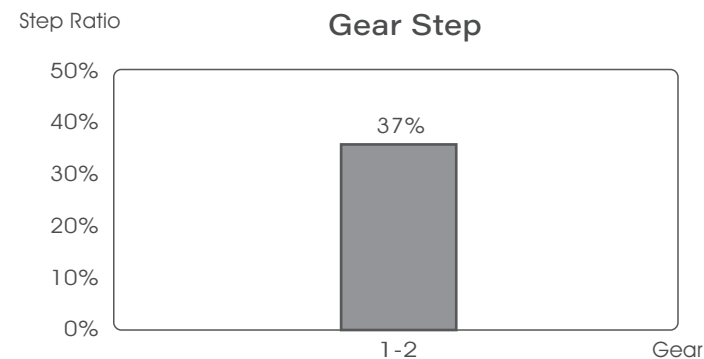
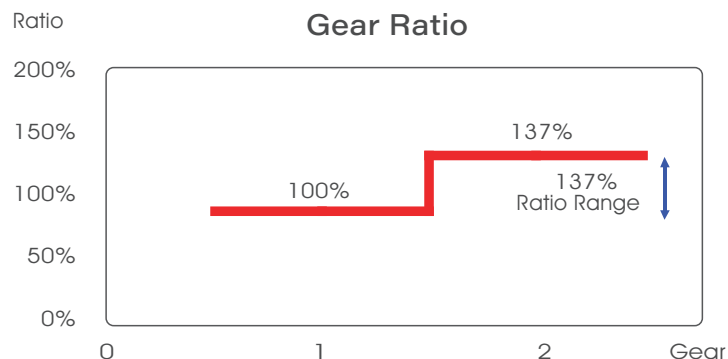
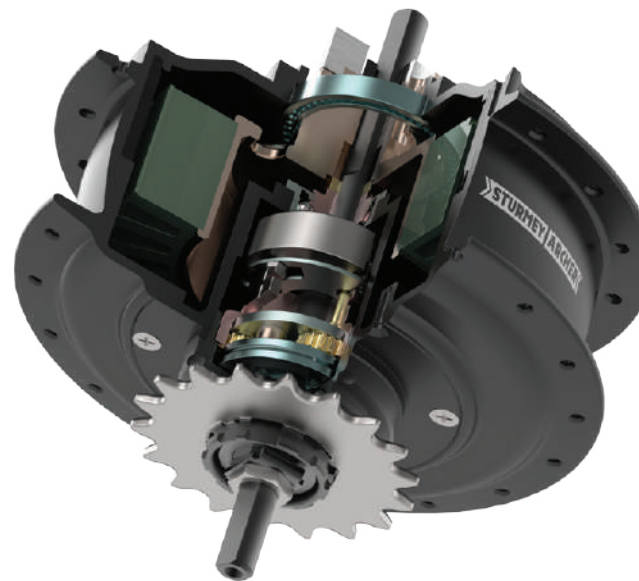
HMW566



HMN441 (x2)

Notes

- Juvenile specific 48V high efficiency E-Bike System.
- Rear 2-Speed IGH Direct-Drive Hub Motor.
- Automatic gear shifting based on Speed at 16kph.
- 2-Speed Gear Hub with 100% and 137% gear ratios.
- 25kph top speed.
- Li-Ion Intube Battery with 265Wh (48V).
- Intelligent Controller & BMS integrated in Intube Battery.
- CAN bus protocol.
- Bluetooth® connectivity.
- HMI LCD Display can support optional Lights.
- Remote Control buttons.
- Smart & fast Charger (3A) runs on low-temperature.
- E-Lock (optional).



**DSIS3** Display Stem

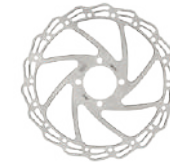
- LCD Display
- Assistance: Sport / Tour / Eco
- Battery: % / status
- Speed: Current / Average / Max
- Range / ODO
- kph / mph
- Walk Mode / BLE Mode / Lock Mode / USB Mode / Light Mode / Gear Mode

**RMI30** Remote

- Left Button Function
- Long press : Power ON/OFF
- Click : Switching power assist mode
- Right Button Function
- Long press : Boost
- Click : Bike Ringtone

**IMJA2** Rear Motor

- Rear Hub Motor with Automatic 2spd IGH built-in
- 2spd gear ratio of 100% and 137%
- Direct-Drive Motor
- 250W (48V)
- 25Nm
- (9) 910 Motor Connector
- 25kph
- (K) Disc Brake mount
- 13~22T
- Ø 166mm
- 135mm OLD
- M10 Axle
- (B) 36H for 13/14G
- 3.5kg

**DRMS30.S4**

- Ø160mm diameter
- Ø8mm*4-bolt fixed method
- BCD 65mm

**DSI20** Display Monitor

- LCD Display
- Assistance: Sport / Tour / Eco
- Battery: % / status
- Speed: Current / Average / Max
- Range / Trip / ODO
- kph / mph
- Walk Mode / BLE Mode
- Lock Mode / USB Mode
- Light Mode

**RMI20** Remote

- with built-in USB charging port
- 5V, 0.5A

**BTI123 R9** Battery

- (R) Rear Motor Type + (9) 910 Motor Connector
- Compact Intube Battery with built-in motor controller
- 48V, 265Wh
- Lithium-ion 21700 cells (Samsung / LG)
- CANBUS 2.0B / BLE 5.0
- Shifter Module control
- Torque & Speed & Cadence sensing control
- Front & Rear Lights control
- Speaker control
- E-Lock control
- (L) 326mm x (W) 54mm x (H) 70mm
- < 2kg

**CHA200** Charger

- Smart charger - communication with battery BMS
- CANBUS
- 100-240V input
- 173W max output
- 3 hours charging for 0%~100% (504Wh)
- 1.5 hours charging for 50%~100% (504Wh)
- (C) C-Type Plug / (A) A-Type Plug
- 600g



Sprocket Circlip

HSL879 (Xylan)

3809.0707.002



Dome Nut M10

HMN441 (Stainless)

3809.0205.163



Lock Washer

M10 x 4mm x 9.5mm

HMW551 (Xylan)

3809.0407.023



Sprocket Spacer 3mm

HMW535**CSIX Sprocket**

Options (Page 68)

Fitting Sets

[Reversed End]

HFXMA2.SNSS**HSL879****HMW535****HMW551****HMN441 (x2)**

Notes

- Integrated E-Lock for Sturmey-Archer E-Bike System
- Keyless Button with Indicating Light.
- NFC Card/Token Key options.
- Unlocking automatically via Bluetooth/APP/NFC
- Wireless short-range communication with AES128 encryption.
- Support Chain/Cable additional extension lock.
- Synchronized Assist Locking/Disabling for additional security.
- Lock/Unlock Status indication on Display
- CAN Bus protocol.
- 78mm and 92mm Width.
- Operating Temperature: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$
- IPX4 Waterproof (pin lock hole closed)
- CE/FCC Certification
- ART-2 Certification



Connector Cables



Higo 606Q

- Male: Batteries
- Female: DSI30 Display



Higo Z609B

- Male: Torque Sensors
- Female: Batteries



CCCB01MB02F
Charger Adapter Cable



Higo Z910A

- Male: IMJ13 / IMJA2 Rear Motor
- Female: Batteries



Higo Z718A

- Male: CHA200 Charger



Higo 610C

- Male: Charger Adapter Cable
- Female: Batteries



Higo Z205A

- Male: Rear / Front Lights, Speaker
- Female: Batteries



Higo Z409F

- Male: SMI30 / E-Lock
- Female: Batteries



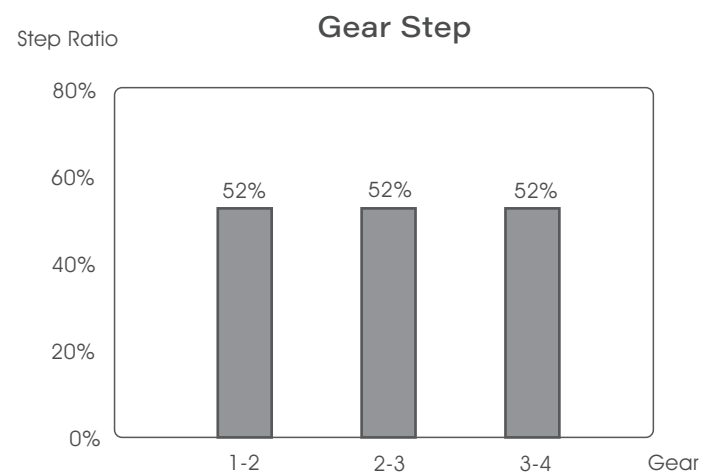
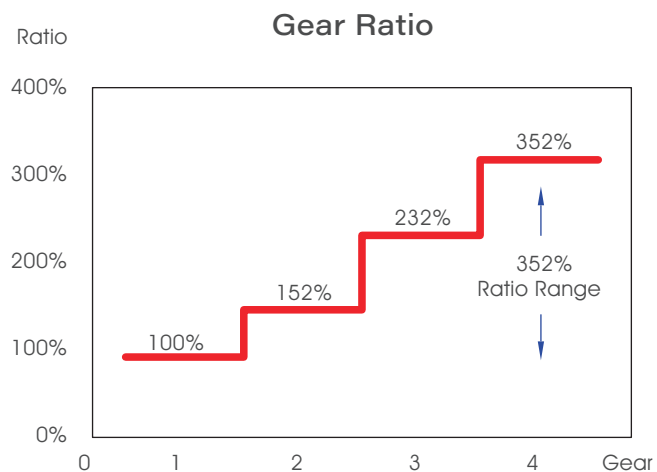
Higo Z909F

- Male: DSI20 Display
- Female: Batteries



- Male: IMI3 / IMA2 Rear Motor
- Female: Batteries

- Specifically designed for E-Cargo bike or commercial heavy duty usage.
- 4-Speed with gear ratio of 352%.
- Large even gear steps of 52%.
- Big gears made from forged or machined chromoly steel.
- M12 threaded axle for heavy loading.
- 5 cartridge bearings for durability.
- Standard 6-hole disc rotor.
- Rotary gear selector with no protrusions outside the frame.
- Aluminum hub shell.





X4K

- Disc Brake Hub
- Sealed Cartridge Bearing
- OLD 135mm / 148mm



CSICW.20FS.CA0

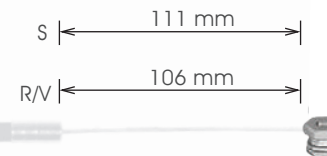


SLX40-T HSJ249

- Thumb Shifter
- Ø22.2mm



TSX42 HSJ244



Rotary Cable Anchorage HSL977

3899.0000.643



X40 Locking HSL226

3809.0820.009



Lockwasher HMW589 (Xylan)

3809.0410.045



Sprocket Spacer HSL220

3809.0410.032



Fulcrum Lever Clip HSL996 (Stainless)

3809.0705.041



Dome Nut HMN457 (Stainless)

3809.0205.210



Dust Cap HSL218

3809.0805.065

Fitting Set HFXX4.SSSS



HSL226



HSL220



HSL218



HSJ245



HSL996



HMW589 (x2)



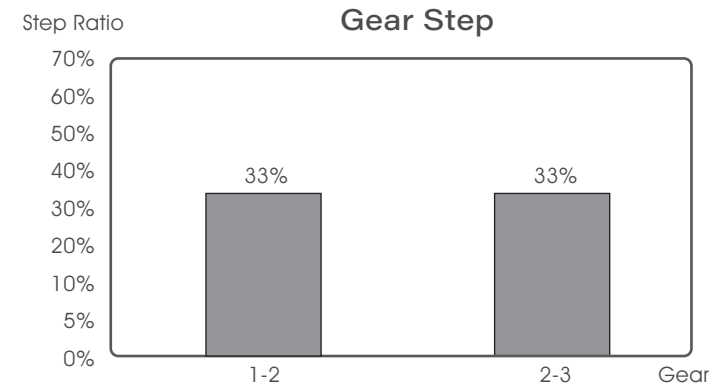
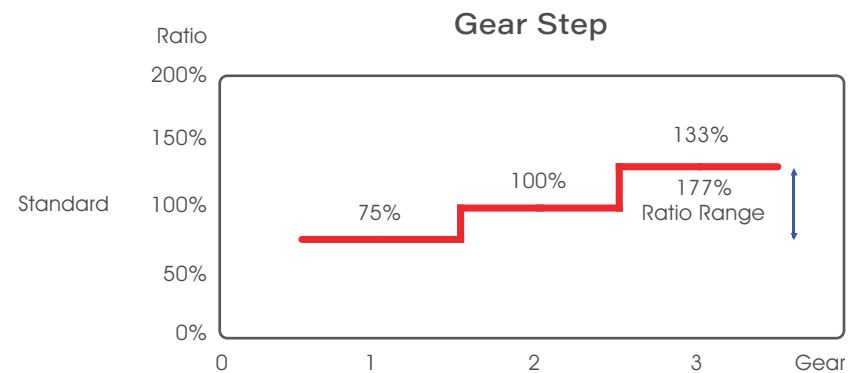
HMN457 (x2)



Fulcrum Lever HSJ245

3810.0190.023

- Specifically designed for E-Bike or commercial heavy duty usage.
- 3-Speed with gear ratio of 177%.
- Even gear steps of 33%.
- Big gears made from forged or machined chromoly steel.
- M12 threaded axle for heavy loading.
- 4 cartridge bearings for durability.
- Available with integrated 110mm and 90mm drum brakes or disc brake.
- Standard 6-hole disc rotor.
- Rotary gear selector with no protrusions outside the frame.
- Aluminum hub shell.





X3D

- 90mm Drum Brake Hub
- Sealed Cartridge Bearing
- OLD 135mm



X3XD

- 110mm Drum Brake Hub
- Sealed Cartridge Bearing
- OLD 135mm



X3K

- Disc Brake Hub
- Sealed Cartridge Bearing
- OLD 135mm



SX3K

- Disc Brake Hub
- Sealed Cartridge Bearing
- OLD 190mm

Brake Arm Option



Type 1



Extended



Standard



SLX30-T HSJ250

- Thumb Shifter
- Ø22.2mm



CSICW.20FS.CA0



TSX30B HSJ243



Rotary Cable Anchorage HSL977

3899.0000.643



Fulcrum Lever HSJ212

3810.0190.013



Rotary Cable Anchorage HSL977

3899.0000.643



Fulcrum Lever HSJ219

3810.0190.021



Lockwasher
HMW589 (Xylan)
3809.0410.045



X40 Lockring
HSL226
3809.0820.009



Dust Cap
HSL218
3809.0805.065



Fulcrum Lever
HSJ212
3810.0190.013



Fulcrum Lever Clip
HSL996 (Stainless)
3809.0705.041



Dome Nut
HMN457 (Stainless)
3809.0205.210



Sprocket Spacer
HSL220
3809.0410.032

Fitting Sets
HFXX3.SSSS



HSL226



HSL220



HSL218



HSJ212



HSL996



HMW589 (x2)



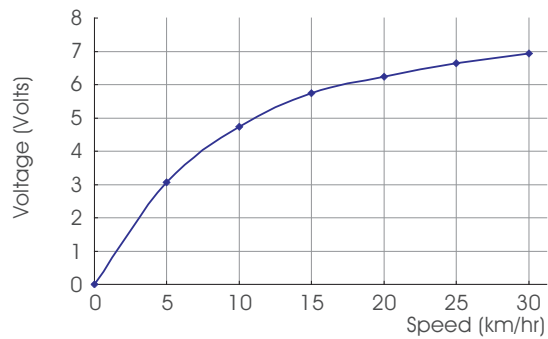
HMN457 (x2)

Notes

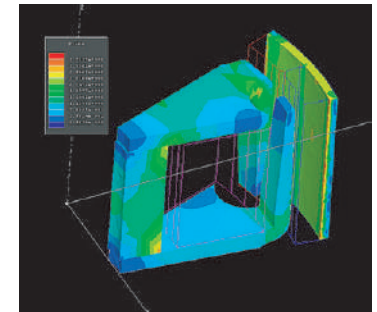
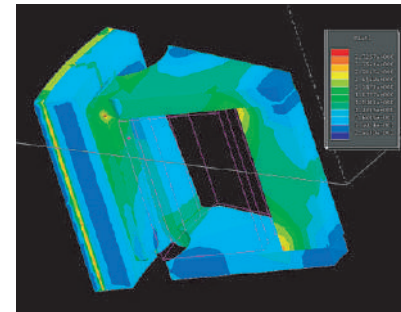
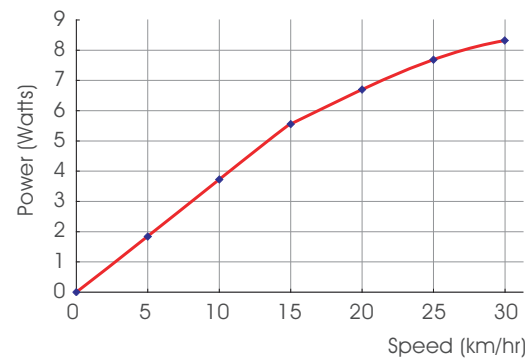
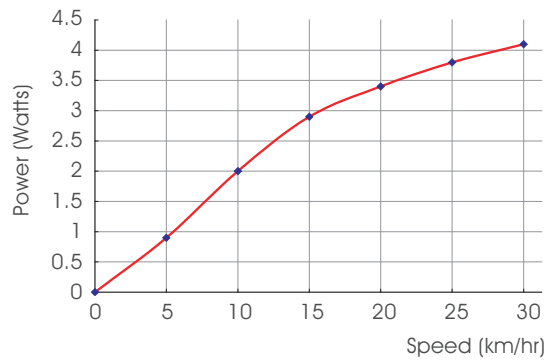
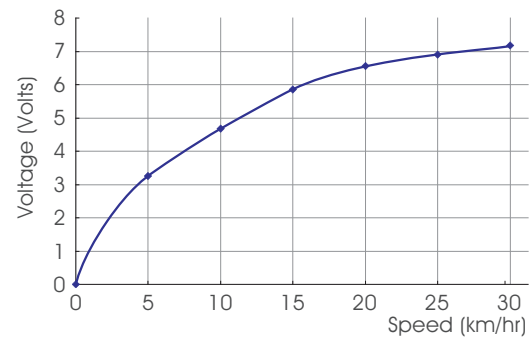
- Dynohub in 3.0W and 6.0W.
- Integrated 90mm and 70mm drum brakes available.
- CE & EN compliance.
- Aluminum hub shells.
- Sealed cartridge bearings.
- Low rolling resistance.
- Sealed against weather conditions.



Output of 3.0 W Hub Dynamo



Output of 6.0 W Hub Dynamo



Dynohub Drum Brake



**XL-FDD
HDS96T** 6V*6.0W

- 90mm Front Drum Brake Hub
- Sealed Cartridge Bearing



**XL-FDD
HDS93T** 6V*3.0W

- 90mm Front Drum Brake Hub
- Sealed Cartridge Bearing



**X-FDD
HDS76T** 6V*6.0W

- 70mm Front Drum Brake Hub
- Sealed Cartridge Bearing



**X-FDD
HDS73T** 6V*3.0W

- 70mm Front Drum Brake Hub
- Sealed Cartridge Bearing

Color
Option



**XL-SDD
HDH93T** 6V*3.0W

- 90mm Side Drum Brake Dynohub
- Sealed Cartridge Bearing



**X-SDD
HDH73T** 6V*3.0W

- 70mm Side Drum Brake Dynohub
- Sealed Cartridge Bearing



Type 1



Extended



Standard



**Plug With Cable
HSE003** 800mm
3809.1105.003



**Dome Nut
HMN386**
3809.0205.141

HMN434 Stainless
3809.0205.160



**Anti-Slip Washer
HMW560**
3809.0405.161



**Toothed Washer
HMW527**
3809.0405.078



**Safety Washer
HMW528**
3809.0405.081



**Plug
HSE002**
3810.0505.011



**Washer 1/16"
HMW146**
3809.0405.145



**X-SDD Axle Nut
HMN451**
3809.0217.006

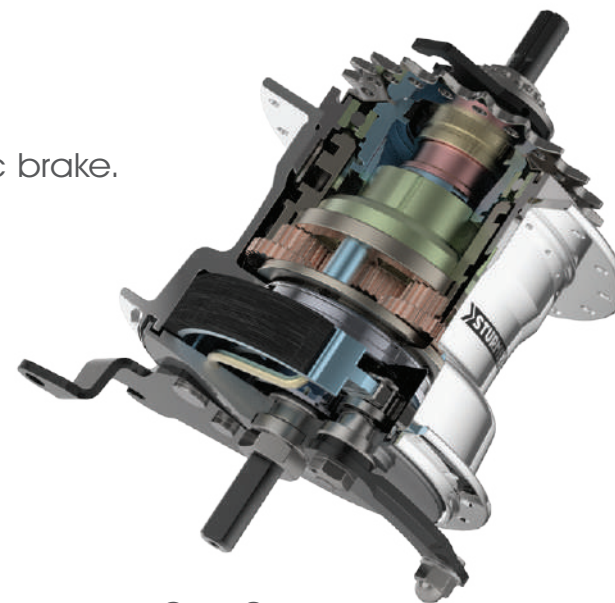


**X-SDD Nut Washer
HMW559**
3809.0407.024

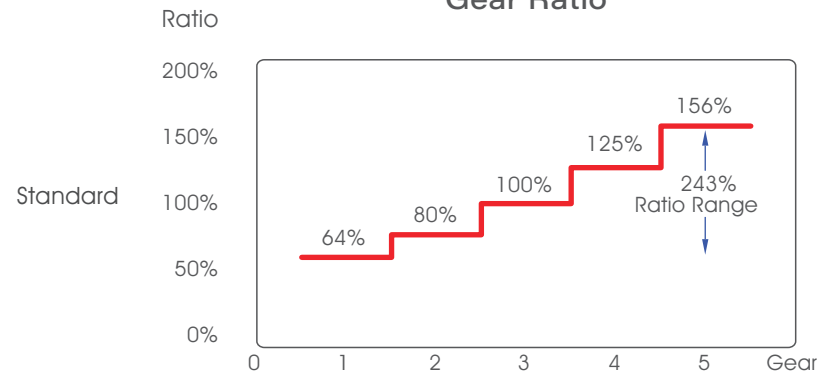


**X-SDD Cable Bush
HSA937**
3809.0407.022

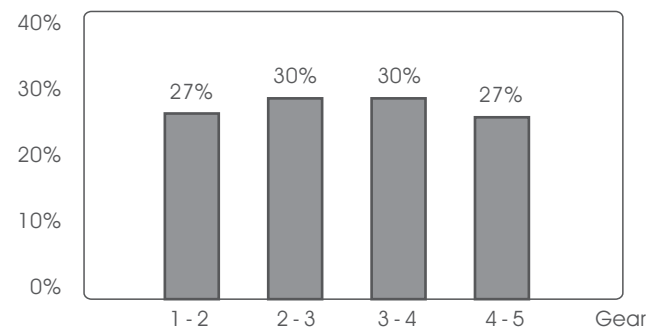
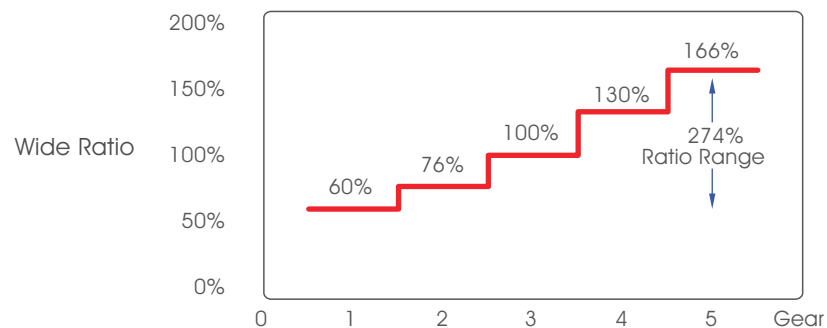
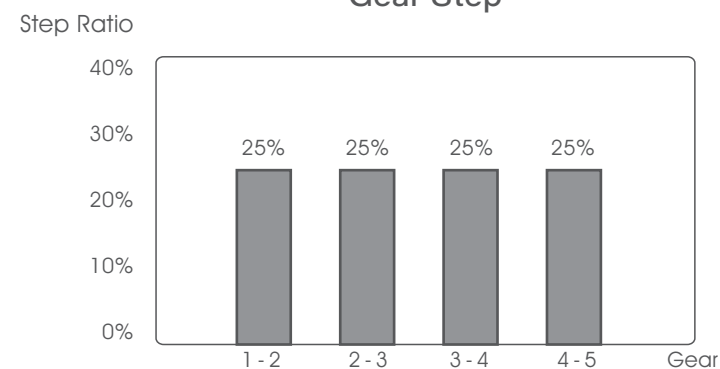
- 5-Speed with gear ratio of 243% or 274%.
- Even gear steps of 25% or 27/30%.
- Reinforced with 3 cartridge bearings for longer longevity.
- Available with integrated 90mm and 70mm drum brakes or disc brake.
- Rotary gear selector with no protrusions outside the frame.
- Aluminum hub shell.



Gear Ratio



Gear Step




RXL-RD5X

- 5-Speed
- 90mm Drum Brake Hub


RX-RK5X

- 5-Speed
- Disc Brake Hub


RX-RF5X

- 5-Speed Hub

**Brake Arm
Option**


Type 1

Extended



Standard

Fitting Sets

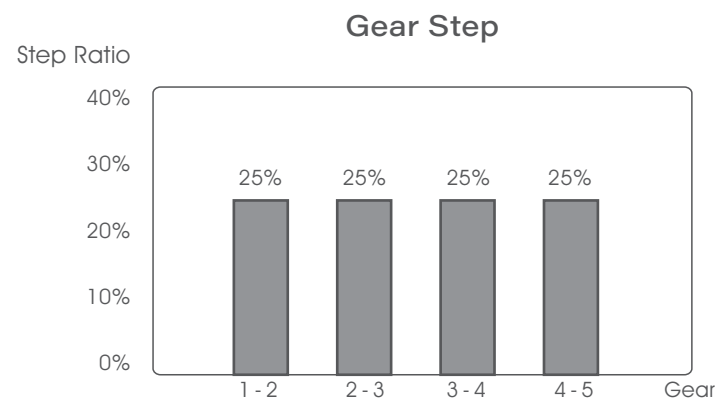
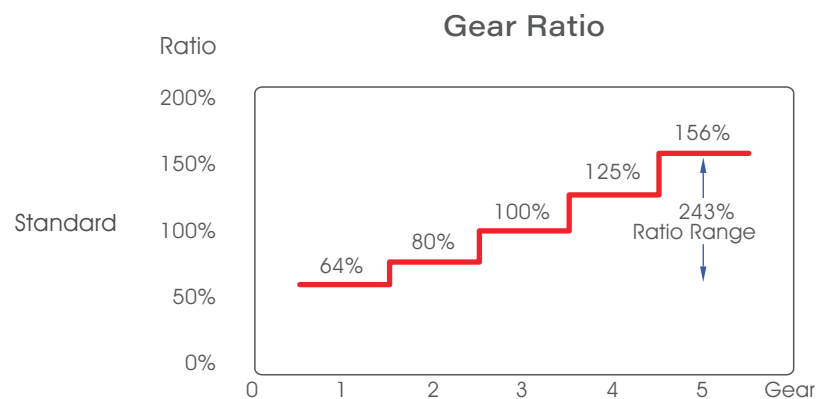
(Reversed / Standard (Angled) End)


HFIC5X.SSSS
HFXC5X.SSSS
HSL981
HSL981
HSL222
HSL222
HSJ212
HSJ212
HSL983
HSL996
HMW518 (x2)
HMW529 (x2)
HMN388 (x2)
HMN433 (x2)

(Vertical End)


HFIC5X.SSVS
HFXC5X.SSVS
HSL981
HSL981
HSL222
HSL222
HSJ212
HSJ212
HSL983
HSL996
HMW534 (x2)
HMW534 (x2)
HMN388 (x2)
HMN433 (x2)

- 5-Speed with gear ratio of 243%.
- Even gear steps of 25%.
- Rotary gear selector with no protrusions outside the frame.
- Aluminum hub shell.
- Available with integrated 90mm and 70mm drum brakes, disc brake, or coaster brake.





TSC50B
HSJ236



TSC50
HSJ218



SLC50-T
HSJ201



SLC50-H
HSJ202



DLC503
HSJ206



RXL-RD5
· 5-Speed
· 90mm Drum Brake Hub



RX-RD5
· 5-Speed
· 70mm Drum Brake Hub

Brake Arm
Option



Type 1



Extended



Standard



RX-RK5
· 5-Speed
· Disc Brake Hub



RX-RF5
· 5-Speed Hub



RX-RC5
· 5-Speed
· Coaster Brake Hub



Dust Cap (C5X)

HSL222

3809.0805.066



Dust Cap (C50)

HSL982

3809.0805.061



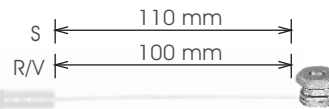
Sprocket Circlip

HSL981 (Xylan)

3809.0707.004



Sprocket



**Rotary Cable Anchorage
HSL977**

3899.0000.643

Flat 1/8" (CP)	17T	CSIRW.17F	HSL993	Dished 1/8" (CP)	19T	CSIRW.19D	HSL999
	18T	CSIRW.18F	HSL991		20T	CSIRW.20D	HSL200
	19T	CSIRW.19F	HSL992				
	20T	CSIRW.20F	HSL997				
	24T	CSIRW.24F	HSL203				
Flat 3/32" (CP)	17T	CSIRN.17F	HSL986	Dished 3/32" (CP)	19T	CSIRN.19D	HSL201
	18T	CSIRN.18F	HSL987		20T	CSIRN.20D	HSL202
	19T	CSIRN.19F	HSL988				



Fulcrum Lever

HSJ212

3810.0190.013



Fulcrum Lever Clip

HSL983

3809.0705.038

HSL996 (Stainless)

3809.0705.041



Dome Nut

HMN388

3809.0205.140

HMN433 (Stainless)

3809.0205.159



Lock Washer
13/32" x 4mm x 9.5mm

HMW518

3809.0405.118

HMW529 (Xylan)

3809.0407.015



Lock Washer
13/32" x 6mm x 9.7mm

HMW534 (Xylan)

3809.0410.013

Fitting Sets

(Reversed / Standard (Angled) End)

HFIC5.SSSS
HFXC5.SSSS



HSL981
HSL981



HSL982
HSL982



HSJ212
HSJ212



HSL983
HSL996



HMW518 (x2)
HMW529 (x2)



HMN388 (x2)
HMN433 (x2)

(Vertical End)

HFIC5.SSVS
HFXC5.SSVS



HSL981
HSL981



HSL982
HSL982



HSJ212
HSJ212



HSL983
HSL996

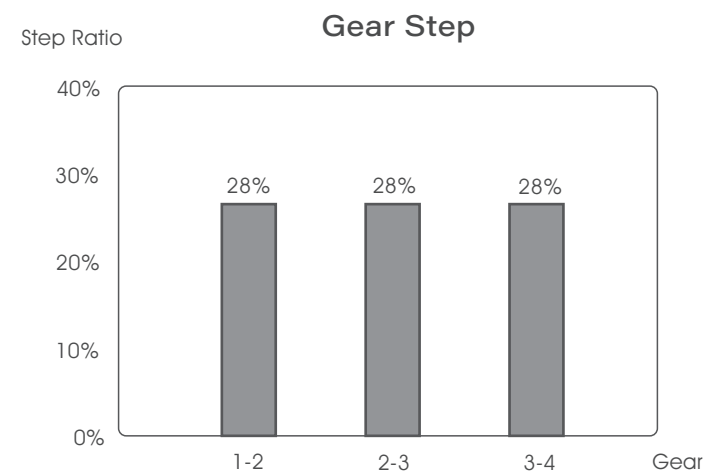
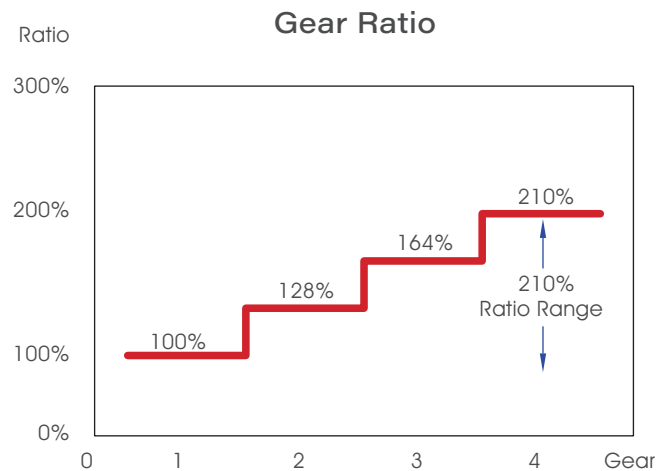


HMW534 (x2)
HMW534 (x2)



HMN388 (x2)
HMN433 (x2)

- 4-Speed with gear ratio of 210%.
- Even gear steps of 28%, 28%, 28%.
- Patented modular technology.
- Rotary gear selector with no protrusions outside the frame.
- Direct drive in 1st gear allows use of smaller chainwheels.
- Available with integrated 70mm drum brake, disc brake, and freewheel.



540

4-Speed Alloy Hubs



TSS42
HSJ200



SLS40-T HSJ208 SLS40-H HSJ209



DLS461
HSJ251



X-RF4
· 4-Speed Hub



X-RK4
· 4-Speed
· Disc Brake Hub



X-RD4
· 4-Speed
· 70mm Drum Brake Hub

Brake Arm Option




Type 1 Extended



Standard



S40 Fulcrum Lever Set

HSJ213

3899.0000.691



Sprocket Circlip

HSL721

3809.0705.005

HSL879 (Xylan)

3809.0707.002



Dust Cap

HSL984

3809.0805.059



Sprocket Options (p.67)



Fulcrum Lever Clip

HSL990

3809.0705.027

HSL206 (Stainless)

3809.0705.044



Rotary Cable Anchorage

HSL977

3899.0000.643



Lock Washer
M10 x 4mm x 9.5mm

HMW574

3809.0405.212

HMW575 (Xylan)

3809.0407.034



Lock Washer
M10 x 4mm x 9.5mm

HMW552

3809.0405.156

HMW551 (Xylan)

3809.0407.023



Lock Washer
M10 x 4mm x 9.5mm (R)

HMW561

3809.0405.157

HMW563 (Xylan)

3809.0407.026



Lock Washer
M10 x 4mm x 9.5mm (L)

HMW562

3809.0405.158

HMW564 (Xylan)

3809.0407.027



Lock Washer
M10 x 6mm x 9.7mm

HMW566

3809.0410.019



Lock Washer
M10 x 4mm x 7.4mm

HMW592 (Xylan)

3809.0410.039



Dome Nut M10

HMN442

3809.0205.164

HMN441 (Stainless)

3809.0205.163

Fitting Sets

[Reversed End]

HFIS4.SSSS
HFXS4.SSSS



HSL721
HSL879



HSL984
HSL984



HSJ213
HSJ213



HSL990
HSL206



HMW552 (x2)
HMW551 (x2)



HMN442 (x2)
HMN441 (x2)

[Standard (Angled) End]

HFIS4.SSAS
HFXS4.SSAS



HSL721
HSL879



HSL984
HSL984



HSJ213
HSJ213



HSL990
HSL206



HMW561
HMW563



HMW562
HMW564



HMN442 (x2)
HMN441 (x2)

[Vertical End]

HFIS4.SSVS
HFXS4.SSVS



HSL721
HSL879



HSL984
HSL984



HSJ213
HSJ213



HSL990
HSL206

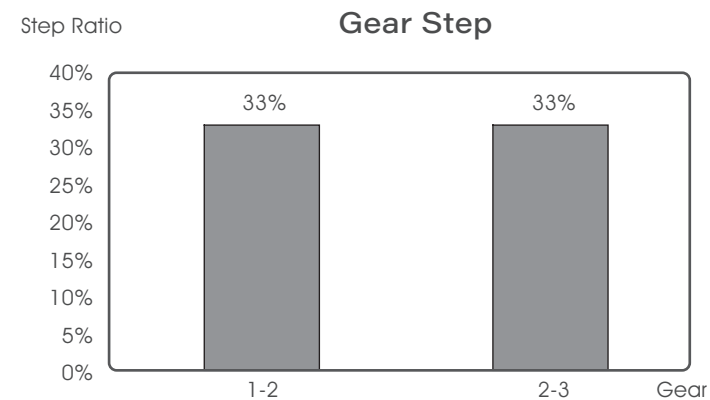
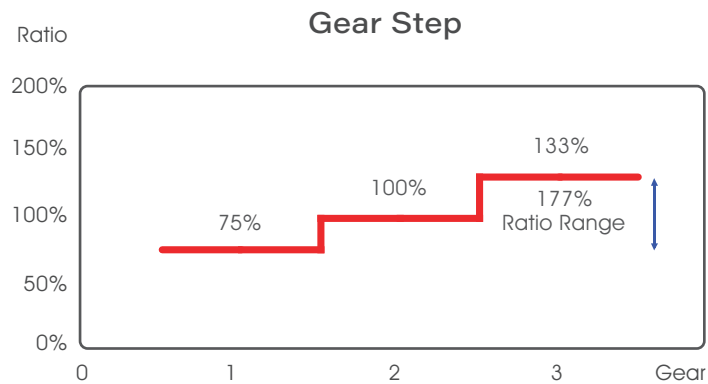


HMW566 (x2)
HMW566 (x2)



HMN442 (x2)
HMN441 (x2)

- 3-Speed with standard gear ratio of 1.77%.
- Gear steps of 33% and 33%.
- Rotary gear selector with no protrusions outside the frame.
- Available with integrated 90mm or 70mm drum brake, disc brake and freewheel.
- Aluminum shells.
- Twist shifter and trigger shifter option.





DLC303
HSJ210



SLC30-T HSJ216 SLC30-H HSJ217



TSC30B
HSJ228



TSC300
HSJ229



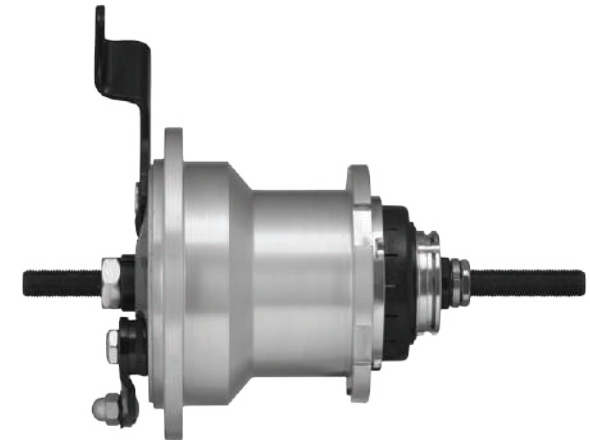
TSC30 HSJ976 TSC34 HSJ975
W/adjuster



RXL-RD3
· 3- Speed
· 90mm Drum Brake Hub



RX-RD3
· 3- Speed
· 70mm Drum Brake Hub



RX-RD3(E)
· 3- Speed
· 70mm Drum Brake Hub



RS-RF3
· 3-Speed Hub



RS-RK3
· 3-Speed
· Disc Brake Hub

Brake Arm
Option



Type 1



Extended



Standard



C30 Fulcrum Lever Set for Standard (Angled) End

HSJ221
3899.0000.952

HSJ222 (Stainless)
3899.0000.951

HSJ239
3899.0000.958

HSJ240 (Stainless)
3899.0000.957



C30 Fulcrum Lever Set for Reversed / Vertical End

HSJ932
3899.0000.950

HSJ220 (Stainless)
3899.0000.949

HSJ234
3899.0000.956

HSJ223 (Stainless)
3899.0000.955



HSL721
3809.0705.005

HSL879 (Xylan)
3809.0707.002



3.2mm

HMN406
3809.0205.151

HMN417 (Xylan)
3809.0212.005



5mm

MN455
3809.0205.187

HMN446 (Xylan)
3809.0212.029



3/8" x 4mm x 9.5mm

HMW521
3809.0405.121

HMW530 (Xylan)
3809.0407.002



3/8" x 6mm x 9.7mm

HMW558
3809.0410.014



Dome Nut

HMN387
3809.0205.142

HMN435 (Stainless)
3809.0205.161

Fitting Sets

[Reversed End]

Standard OLD				 	 
HFIC3.SSSS	HSL721	HSJ932	HMN406	HMW521 (x2)	HMN387 (x2)
HFXC3.SSSS	HSL879	HSJ220	HMN417	HMW530 (x2)	HMN435 (x2)

Wide OLD				 	 
HFIC3.SWSS	HSL721	HSJ932	HMN455	HMW521 (x2)	HMN387 (x2)
HFXC3.SWSS	HSL879	HSJ220	HMN446	HMW530 (x2)	HMN435 (x2)

[Standard (Angled) End]

Standard OLD				 	 
HFIC3.STSS	HSL721	HSJ221	HMN406	HMW521 (x2)	HMN387 (x2)
HFXC3.STSS	HSL879	HSJ222	HMN417	HMW530 (x2)	HMN435 (x2)

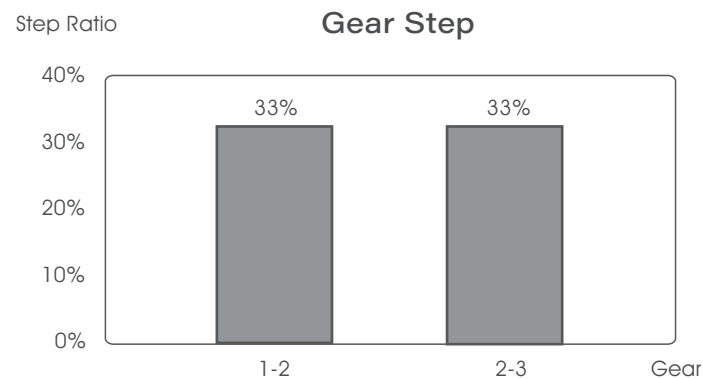
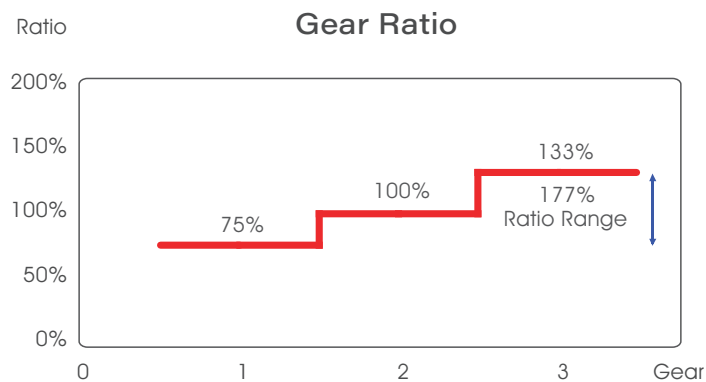
Wide OLD				 	 
HFIC3.SYSS	HSL721	HSJ221	HMN455	HMW521 (x2)	HMN387 (x2)
HFXC3.SYSS	HSL879	HSJ222	HMN446	HMW530 (x2)	HMN435 (x2)

[Vertical End]

Standard OLD				 	 
HFIC3.SSVS	HSL721	HSJ932	HMN406	HMW558 (x2)	HMN387 (x2)
HFXC3.SSVS	HSL879	HSJ220	HMN417	HMW558 (x2)	HMN435 (x2)

Wide OLD				 	 
HFIC3.SWVS	HSL721	HSJ932	HMN455	HMW558 (x2)	HMN387 (x2)
HFXC3.SWVS	HSL879	HSJ220	HMN446	HMW558 (x2)	HMN435 (x2)

- Classic 3-Speed with standard gear ratio of 177%.
- Gear steps of 33% and 33%.
- Disc brake hub in aluminum shell with 135mm O.L.D.
- Available as standard hub, integrated 90mm & 70mm drum brake.
- EN approved coaster brake.
- Available in aluminum or steel hub shells.
- Wide selection of gear controls including thumb, trigger, twist, stick lever, and bar end shifters.

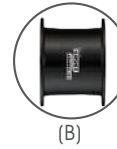



XL-RD3

- 3- Speed
- 90mm Drum Brake Hub


X-RD3

- 3- Speed
- 70mm Drum Brake Hub

**Color
Option**

**Brake Arm
Option**

S-RK3 / S-RK3 (N)

- 3- Speed
- Disc Brake Hub


S-RC3 (II)

- 3- Speed
- Coaster Brake Hub


S-RF3 / S-RF3 (N)

- 3-Speed Hub
- N (9-Spline Driver)


DLS30

HSJ943


TSS3B

HSJ232


TSS30B

HSJ231


TSS37

HSJ978


TSS300

HSJ230


SLS30-B

HSJ963

- Bar End


SLS30-T

HSJ962

- Thumb Shifter
- Ø22.2mm


SLS30-H

HSJ995

- Thumb Shifter
- Ø31.8mm


SLS30-P

HSJ993

- Seat Post
- Ø27.2mm


SLS30-S

HSJ981

- Brazed On
- Ø28.6mm



TSS36
HSJ977



TSS33
HSJ939



SLS3C
HSJ762
· Classic Trigger



AWC [II]
· 3- Speed
· Coaster Brake Hub



AW
· 3-Speed Hub



SX-RK3

- 3- Speed
- Disc Brake Hub



QS-RC3

- 3- Speed
- Reversible
- Coaster Brake Hub

Internal Gear Transmission



TX-RF4
 · 4- Speed Hub
 · Auxiliary Sprocket 26T



TX3K
 · Commercial Heavy Duty 3- Speed
 · Disc Brake Hub
 · Sealed Cartridge Bearing
 · Auxiliary Sprocket 33T



TS-RC3
 · 3- Speed
 · Coaster Brake Hub
 · Auxiliary Sprocket 22T



TS-RF3
 · 3- Speed Hub
 · Auxiliary Sprocket 22T



TS-RB3
 · 3- Speed
 · Band Brake Hub
 · Auxiliary Sprocket 22T



NFX(L)
 · Neutral / Freewheel / Fix Hub
 · Left Auxiliary Sprocket 22T



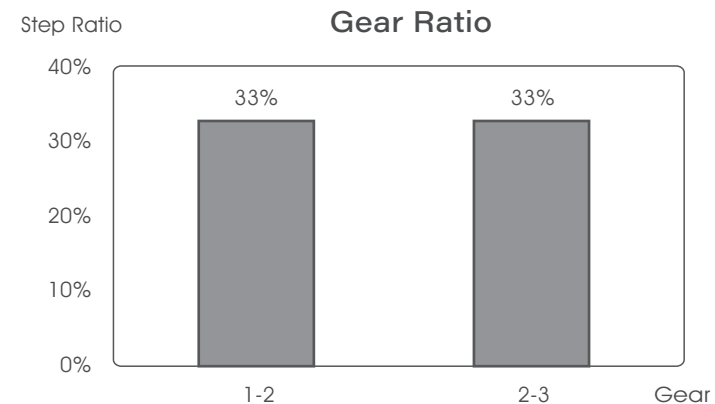
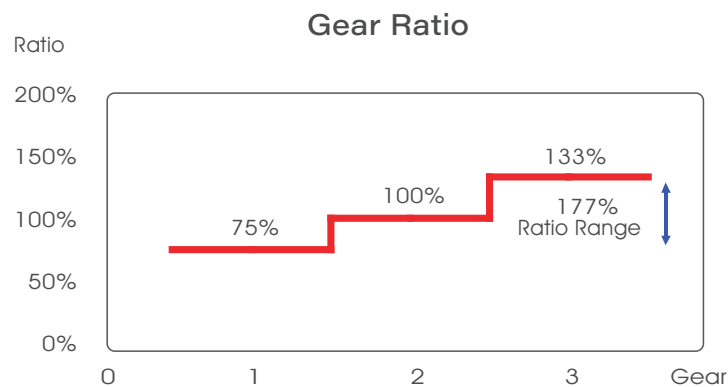
NFX(R)
 · Neutral / Freewheel / Fix Hub
 · Right Auxiliary Sprocket 22T



Fitting Sets

(Non-Coaster 148mm)								 
HFIS3.2HHA	HSA126	HSL721			HMN420	HSL884	HMN128	HMW526 (x2)
(Non-Coaster 163mm)								 
HFIS3.3CSS	HSA315	HSL721			HMN129	HSL711	HMN388	HMW518 (x2)
(Non-Coaster 163mm)								 
HFIS3.3SSS	HSA315	HSL721	HSA650	HMN128	HSJ905	HSA620	HMN388	HMW518 (x2)
HFXS3.3SSS	HSA315	HSL879	HSA650	HMN411	HSJ905	HSA620	HMN433	HMW529 (x2)
(Coaster Brake 163mm)								 
HFIS3.4CSS	HSA316	HSL721			HMN129	HSL711	HMN388	HMW518 (x2)
(Coaster Brake 163mm)								 
HFIS3.4SSS	HSA316	HSL721	HSA650	HMN128	HSJ905	HSA620	HMN388	HMW518 (x2)
HFXS3.4SSS	HSA316	HSL879	HSA650	HMN411	HSJ905	HSA620	HMN433	HMW529 (x2)
(Non-Coaster 175mm) (Coaster Brake 175mm)								 
HFIS3.5CSS	HSA420	HSL721			HMN129	HSL711	HMN388	HMW518 (x2)
(Non-Coaster 175mm) (Coaster Brake 175mm)								 
HFIS3.5SSS	HSA420	HSL721	HSA650	HMN128	HSJ905	HSA620	HMN388	HMW518 (x2)
HFXS3.5SSS	HSA420	HSL879	HSA650	HMN411	HSJ905	HSA620	HMN433	HMW529 (x2)
(Non-Coaster 185mm)								 
HFIS3.9HSV	HSA715	HSL721			HMN420	HSL884	HMN388	HMW534 (x2)
(5 Spd 175/185mm)								 
HFIS5.YSSS	HSA585	HSL721	HSA650	HMN128	HSJ905	HSA620	HMN388	HMW518 (x2)

- 3-Speed internal gear cassette freehub with gear ratio of 177%.
- Gear steps of 33% and 33%.
- Available as standard hub or disc brake hub.
- Compatible with standard MTB/ATB 9 and 8-speed cassettes.
- Compatible with standard MTB/ATB left hand shifters for front triple chainwheel.
- Compatible with standard 135mm frame dropouts.
- Polished and anodized aluminum shell in alloy silver or black.





CS-RF3
 · 3- Speed
 · Cassette Freehub



CS-RF3 Black (B)
 · 3- Speed
 · Cassette Freehub



CS-RK3
 · 3- Speed
 · Disc Brake Cassette Freehub



CS-RK3 Black (B)
 · 3- Speed
 · Disc Brake Cassette Freehub

Fitting Sets

HFIF3.8SSV



HSA716



HSL922
 3809.0812.013
 Dust Cap



HMN420



HSL884

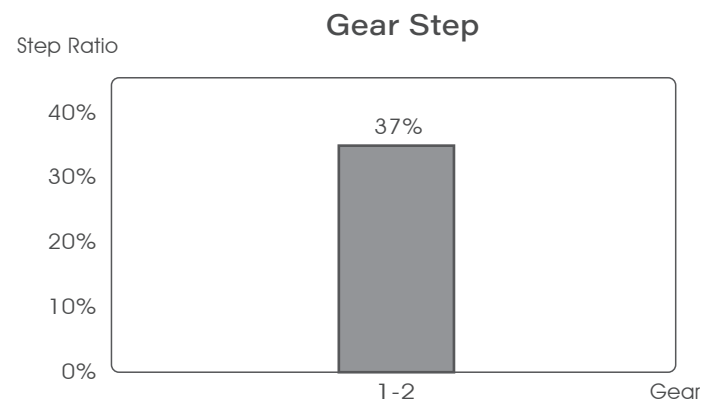
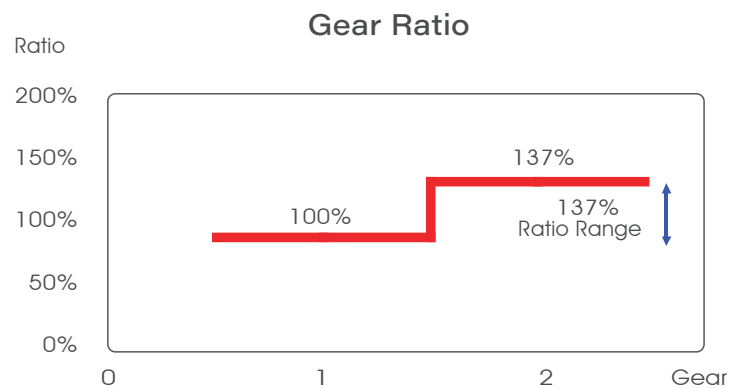


HMN388



HMW534 (x 2)

- Automatic 2-speed gear hub with gear ratio of 137%.
- Gear shifting at 12km/hr (standard version) or 18km/hr (e-bike version).
- Available with integrated 70mm drum brake, disc brake, and freewheel.
- Aluminum hub shells.





A2
· 2-Speed Automatic Hub



A2 (Compact)
· 2-Speed Automatic Hub



A2K
· 2-Speed Automatic
· Disc Brake Hub



A2D
· 2-Speed Automatic
· 70mm Drum Brake Hub



A2LD
· 2-Speed Automatic
· 90mm Drum Brake Hub



A2C
· 2-Speed Automatic
· Coaster Brake Hub



A2C (Compact)
· 2-Speed Automatic
· Coaster Brake Hub

Fitting Sets

HFS20.S0SS



HSL721



HMW518 (x 2)



HMN388 (x 2)

HFX20.S0SS



HSL879



HMW529 (x 2)



HMN433 (x 2)

Color
Option

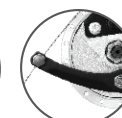


(B)

Brake Arm
Option



Type 1



Extended



Standard



HBT30-F
· M9 Axle



HBT30-R
· For Fix & Freewheel
· M10 Axle
· S (120/165L) / T (120/175L) / R (135/175L)



HBT20-R
· For Freewheel
· M10 Axle
· S (120/165L) / T (120/175L) / R (135/175L)



Color Options



(B)



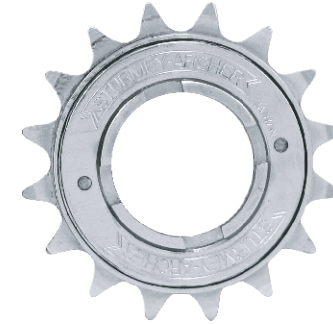
M10 Dome Nut
HMN441 (Stainless)
3809.0205.163



M9 Dome Nut
HMN434 (Stainless)
3809.0205.160



HBT Lockring
HSL970
3809.0890.003



SFX30
M30 x 1.0

SFS30
BC1.37



Axle Nut w/built-in lip
HMN426 (M9) **HMN427** (M10)
3899.0000.471 3899.0000.472



HMW553 (3.3mm)
3809.0405.134



HMW554 (5.8mm)
3809.0405.135

	1/8"	3/32"
13T	SFX30.W13	SFX30.N13
14T	SFX30.W14	SFX30.N14
15T	SFX30.W15	SFX30.N15
16T	SFS30.W16	SFS30.N16
17T	SFS30.W17	SFS30.N17
18T	SFS30.W18	SFS30.N18
19T	SFS30.W19	SFS30.N19
20T	SFS30.W20	SFS30.N20
21T	SFS30.W21	SFS30.N21
22T	SFS30.W22	SFS30.N22

**XL-FD**

- 90mm Front
- Drum Brake Hub

**X-FD**

- 70mm Front
- Drum Brake Hub

**X-RDC**

- 70mm Rear
- Drum Brake for Cassettes
- S (Nuttet)

**X-RD**

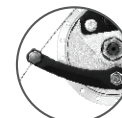
- 70mm Rear
- Drum Brake for Freewheel
- R (Single Speed)
- 7 (7-Speed)

Color
Option

(B)

Brake Arm
Option

Type 1



Extended



Standard

Drum Brake Hubs

Left & Right Side



XL-SD (Q)

- THH90 L
- 90mm Left
- Drum Brake Hub
- Q (QR Axle Type)



XL-SD (Q)

- THH90 R
- 90mm Right
- Drum Brake Hub
- Q (QR Axle Type)



XL-SD (S/C/B)

- THH80 L
- 90mm Left
- Drum Brake Hub
- S (Solid Axle 130mm)
- C (Solid Axle 100mm)
- B (Solid Axle 90mm)



XL-SD (S/C/B)

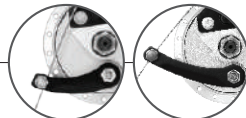
- THH80 R
- 90mm Right
- Drum Brake Hub
- S (Solid Axle 130mm)
- C (Solid Axle 100mm)
- B (Solid Axle 90mm)

Color
Option

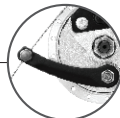


(B)

Brake Arm
Option



Type 1



Extended



Standard



X-SD (Q)

- THH60 L
- 70mm Left
- Drum Brake Hub
- Q (QR Axle Type)



X-SD (Q)

- THH60 R
- 70mm Right
- Drum Brake Hub
- Q (QR Axle Type)



X-SD (S/C/B)

- THH50 L
- 70mm Left
- Drum Brake Hub
- S (Solid Axle 130mm)
- C (Solid Axle 100mm)
- B (Solid Axle 90mm)



X-SD (S/C/B)

- THH50 R
- 70mm Right
- Drum Brake Hub
- S (Solid Axle 130mm)
- C (Solid Axle 100mm)
- B (Solid Axle 90mm)

* for Side Dynohub Drum Brakes, please refer to page 7.

XL-SD Hub Shell 36H Assy. (w/ 6001-ZZ x2)	HSB520	3899.0000.406
XL-SD Hub Shell 32H Assy. (w/ 6001-ZZ x2)	HSB541	3899.0000.502
XL-SD Hub Shell 28H Assy. (w/ 6001-ZZ x2)	HSB540	3899.0000.501

90mm Left Brake Plate Assy. (w/ QR Base)	HSB519	3899.0000.669
90mm Right Brake Plate Assy. (w/ QR Base)	HSB518	3899.0000.670
Quick Release Axle [Stainless]	HSL994	3809.0205.191
90mm Left Brake Plate Assy.	HSB517	3899.0000.604
90mm Right Brake Plate Assy.	HSB516	3899.0000.607
Inner Washer "A2"	HMW539	3809.0405.110
Outer Washer	HMW533	3809.0405.036
130 mm Solid Axle	HSL881	3805.0205.030
100 mm Solid Axle	HSL885	3805.0205.029
90mm Solid Axle	HSL898	3805.0205.035
M12 Nut	HMN421	3809.0205.124
M12 Nut w/ Non-Slip	HMN422	3809.0205.119
Rubber End Cap	HSL979	3810.0505.040

X-SD Hub Shell 36H Assy. (w/ 6001-ZZ x2)	HSB500	3899.0000.393
X-SD Hub Shell 32H Assy. (w/ 6001-ZZ x2)	HSB539	3899.0000.500
X-SD Hub Shell 28H Assy. (w/ 6001-ZZ x2)	HSB538	3899.0000.488

70mm Left Brake Plate Assy. (w/ QR Base)	HSB514	3899.0000.667
70mm Right Brake Plate Assy. (w/ QR Base)	HSB515	3899.0000.668
Quick Release Axle [Stainless]	HSL994	3809.0205.166
70mm Left Brake Plate Assy. "A2"	HSB530	3899.0000.665
70mm Right Brake Plate Assy. "A2"	HSB531	3899.0000.666
Inner Washer "A2"	HMW539	3809.0405.110
Outer Washer	HMW533	3809.0405.036
130 mm Solid Axle	HSL881	3805.0205.030
100 mm Solid Axle	HSL885	3805.0205.029
90mm Solid Axle	HSL898	3805.0205.035
M12 Nut	HMN421	3809.0205.124
M12 Nut w/ Non-Slip	HMN422	3809.0205.119
Rubber End Cap	HSL979	3810.0505.040

Front Cranksets FCS



FCS720 42T no CGs

FCS721 42T W. Steel CGs

FCS722 42T W. Alloy OCG & Steel ICG

- Steel Chaining
- Forged Alloy Crank
- SCM435 Bolts & Nuts
- Compatible Chain 3/32"

FCS740 44T no CGs

FCS741 44T W. Steel CGs

FCS742 44T W. Alloy OCG & Steel ICG

- Steel Chaining
- Forged Alloy Crank
- SCM435 Bolts & Nuts
- Compatible Chain 3/32"

FCS750 44T no CGs

FCS752 44T W. Alloy CGs

- Alloy Chaining
- Forged Alloy Crank
- SCM435 Bolts & Nuts
- Compatible Chain 3/32"



FCSS54 54T

FCSS52 52T

- Double Chain Guard



FCSS56 56T

- Single Chain Guard
- CNC Option

(Black)
· CNC Option

Front Cranksets FCS



FCS440 44T no CGs

FCS441 44T W. Steel CGs

FCS442 44T W. Alloy OCG & Steel ICG

- Steel Chainring
- Forged Alloy Crank
- SCM435 Bolts & Nuts
- Compatible Chain 3/32"

FCS450 44T no CGs

FCS452 44T W. Alloy CGs

- Alloy Chainring
- Forged Alloy Crank
- SCM435 Bolts & Nuts
- Compatible Chain 3/32"



(3/32")

FCS602 42T

FCS603 33T

FCS606 36T

FCS608 38T

(1/8")

FCS612 42T

FCS613 33T

FCS616 36T

FCS618 38T

- Forged Alloy Crank
- 2 (Ø92mm Cover Ring)
- 5 (Ø95mm Cover Ring)

Front Cranksets FCS



AD

(Alloy + Black)

BD

· Black + Black

- FCT62** 42T · 6061 Forged Alloy Crank
- FCT64** 44T · Polished Anodized Finish Crank
- FCT66** 46T · BCD 144mm
- FCT68** 48T · 7075 Chainring
- 7075 Bolts & Nuts
- Black Anodized + CNC Chainring



AD

· Alloy + Black

BD

· Black + Black

- FCT42** 42T · 6061 Forged Alloy Crank
- FCT44** 44T · 7075 Chainring
- FCT46** 46T · 7075 Bolts & Nuts
- FCT48** 48T · BCD 144mm
- Polished Anodized Finish
- Black Anodized + CNC Chainring

Front Cranksets FCS



AD

· Alloy + Black

BD

· Black + Black

- FCT22** 42T · 6061 Forged Alloy Crank
- FCT24** 44T · 7075 Chainring
- FCT26** 46T · SCM435 Bolts & Nuts
- FCT28** 48T · BCD 130mm
- Polished Anodized Finish
- Black Anodized + CNC Chainring



- FCT12** 42T · 6061 Forged Alloy Crank
- FCT14** 44T · 7075 Chainring
- FCT16** 46T · SCM435 Bolts & Nuts
- FCT18** 48T · BCD 130mm
- Sandblast Anodized Matt Black Finish
- Black Anodized + CNC Chainring



BBS15

- Steel Axle
- Steel RH & LH Cups
- Steel Sleeve
- Chrome Plated
- Eng. Polymer Stopper
- Sealed Cartridge Bearings



BAS15

- BB Axle Bolt
- M8

Brake Levers

Chain Tensioners



BLS92

· For Drum / Roller / Cantilever

BLM92

· For V-Brake / Disc Brake



BLS72 (Forged Alloy Lever)

BLS73 (die-casting Alloy Lever)

· For Drum/Roller/Cantilever

BLM72 (Forged Alloy Lever)

BLM73 (die-casting Alloy Lever)

· For V-Brake / Disc Brake



BLS72E (Forged Alloy Lever)

BLS73E (die-casting Alloy Lever)

· Poweroff safety lever

· For Drum/Roller/Cantilever

BLM72E (Forged Alloy Lever)

BLM73E (die-casting Alloy Lever)

· Poweroff safety lever

· For V-Brake / Disc Brake



BLS81

· For Drum / Roller / Cantilever

BLM81

· For V-Brake / Disc Brake



Parking Switch

BLS72P (Forged Alloy Lever)

BLS73P (die-casting Alloy Lever)

· Parking Brake Button

· For Drum / Roller / Cantilever

BLM72P (Forged Alloy Lever)

BLM73P (die-casting Alloy Lever)

· Parking Brake Button

· For V-Brake / Disc Brake



Parking Switch

BLS72EP (Forged Alloy Lever)

BLS73EP (die-casting Alloy Lever)

· Poweroff safety lever

· Parking Brake Button

· For Drum / Roller / Cantilever

BLM72EP (Forged Alloy Lever)

BLM73EP (die-casting Alloy Lever)

· Poweroff safety lever

· Parking Brake Button

· For V-Brake / Disc Brake



CTS86



CTS70

· Steel Cage

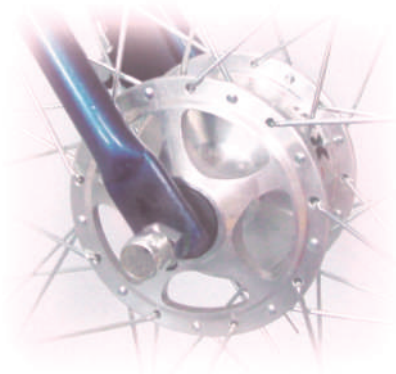
Parts



Nuts

Washers

Front Hub

M9
Front Hub

- XL-FD · X-FD
- XL-FDD · X-FDD
- HBT30-F · HDS10
- HDS20

Rear Hub

- X-RD

Rear Hub

13/32"
All Rear Hubs

Excluding

- C30
- S40
- S1C
- HBT
- X-RDC
- I3K

M10

- HBT30-R
- X-RDC
- S40
- S1C
- I3K



Hex15

HMN386

3809.0205.141

HMN434 (Stainless)

3809.0205.160



Hepta

Anti-Theft

HMN449 (Stainless)

3809.0295.003



Hex15

HMN426

3899.0000.471



Safety Washer

HMW528

3809.0405.081



Washer 1/32"

HMW550 (0.8mm)

3809.0405.013



Washer 1/16"

HMW146 (1.6mm)

3809.0405.145



Washer 1/8"

HMW129 (3.2mm)

3809.0405.123



Washer 3/16"

HMW483 (4.8mm)

3809.0405.162



Washer 1/4"

HMW484 (6.4mm)

3809.0405.150



Hex15

HMN387

3809.0205.142

HMN435 (Stainless)

3809.0205.161



Hepta

Anti-Theft

HMN448 (Stainless)

3809.0295.002



Hex15

HMN118

3809.0205.150

HMN416 (Xylan)

3809.0212.020



Hex15

HMN388

3809.0205.140

HMN433 (Stainless)

3809.0205.159



Hepta

Anti-Theft

HMN447 (Stainless)

3809.0295.001



Hex15

HMN128

3809.0205.144

HMN411 (Xylan)

3809.0212.044



Hex15

HMN441 (Stainless)

3809.0205.163



Hepta

Anti-Theft

HMN450 (Stainless)

3809.0295.004



Hex15

HMN427

3899.0000.472

Classic Parts

Indicators

3 Speed



Mark I
HSA125
3810.0605.045



Mark II
HSA126
3810.0605.046



Mark III
HSA315
3810.0605.047



Mark IV
HSA316
3810.0605.022



Mark V
HSA420
3810.0605.023



Mark VI
HSA615
3810.0605.050



Mark VIII
HSA716
3810.0605.040



Mark IX
HSA715
3810.0605.054

5 Speed



Mark Yellow
HSA585
3810.0605.052



Mark Green
HSA651
3810.0605.057



Mark Blue
HSA317
3810.0605.025



Mark Red
HSA490
3810.0605.027



Mark Purple
HSA717
3810.0605.032



Mark Navy Blue
HSA712
3810.0605.033

Shifter Cable/Casing Set



Twist Shifter
HSJ882 (1420mm)



SLS3N, SLS5N, SLW5N Shifter
HSJ802 (1400mm)



Orion Shifter
HSJ883 (1420mm)



Classic Trigger
HSJ102 (1420mm)
HSJ101 (530mm)

Cable Anchorage & Adjusters



HSL759
3899.0000.098



HSJ925
3899.0000.166

HSJ926
3899.0000.152 (Slotted)



HSJ542
3104.0505.037



HSJ828
3104.0405.002



HSJ954
3899.0000.353 (Aluminum)

HSJ998
3899.0000.570 (Aluminum / Slotted)



Classic Parts



Guide Nut-Standard

HMN129

3809.0213.001

HMN418 (Xylan)

3809.0217.002



Guide Nut - Short

HMN420

3809.0225.003

HMN436 (Xylan)

3809.0225.010



Cover for Short Guide Nut

HSL884

3810.0505.028

**HSL906** (Silver)

3810.0507.003



Indicator Guard

HSL711

3810.0505.002



Gear Selector Guide Full Cover

HSA620

3810.0505.042



Gear Selector Guide

HSA650

3899.0000.384



Fulcrum Lever

HSJ842

3810.0105.012



Fulcrum Lever with Locating Washer

HSJ905

3810.0105.011



Nut (8mm)

HMN128

3809.0205.144

HMN411 (Xylan)

3809.0212.011



Nut (6mm)

HMN440

3809.0205.157



Locating Washer

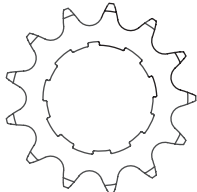
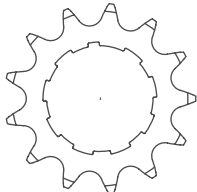
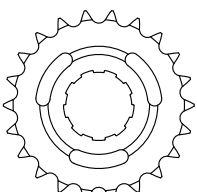
HSJ929

3810.0105.008

STURMEY ARCHER

A close-up photograph of a bicycle hub and spokes. The hub is silver-colored with a black axle. The spokes are thin and silver-colored, radiating from the hub. The background is a plain, light-colored surface.

9-Spline Sprockets

 1/8" x 1/2" Flat [CP]	13T	CSIXW.13F	HSL887
	14T	CSIXW.14F	HSL888
	15T	CSIXW.15F	HSL889
	16T	CSIXW.16F	HSL890
	17T	CSIXW.17F	HSL891
	18T	CSIXW.18F	HSL892
	19T	CSIXW.19F	HSL908
	20T	CSIXW.20F	HSL909
	21T	CSIXW.21F	HSL910
	22T	CSIXW.22F	HSL911
 3/32" x 1/2" Flat [CP]	12T	CSIXN.12F	HSL893
	13T	CSIXN.13F	HSL894
	14T	CSIXN.14F	HSL912
	15T	CSIXN.15F	HSL913
	16T	CSIXN.16F	HSL914
	17T	CSIXN.17F	HSL915
	18T	CSIXN.18F	HSL916
	19T	CSIXN.19F	HSL917
	20T	CSIXN.20F	HSL918
	21T	CSIXN.21F	HSL919
 1/8" x 1/2" Dished [CP]	22T	CSIXN.22F	HSL920
	25T	CSIXN.25F	HSL226
	22T	CSIXW.22D	HSL224

9-Spline Spacers

Sprocket Spacer 2mm (12T Only)	HMW536	3809.0410.024
Sprocket Spacer 3mm (12T Only)	HMW535	3809.0410.023
Sprocket Spacer 2mm (13-22T)	HMW538	3809.0410.026
Sprocket Spacer 3mm (13-22T)	HMW537	3809.0410.025
Sprocket Spacer 3.2mm (13-22T)	HMW578	3809.0410.028
Sprocket Spacer 5mm (13-22T)	HMW579	3809.0410.029

Sprocket Fittings



Sprocket Circlip

HSL721

3809.0705.005

HSL879 (Xylan)

3809.0707.002



Sprocket C-clip

HSL900

3809.0705.017



Plastic Sprocket Dustcap

HSL871

3809.0805.025

Lockwasher For Chain Adjuster



13/32" x 6mm x 9.7mm

HMW534 (Xylan)

3809.0410.013

· Vertical Dropout



13/32" x 4mm x 9.5mm

HMW518

3809.0405.118

HMW529 (Xylan)

3809.0407.015



13/32" x 1.8mm x 9.5mm

HMW515

3809.0405.120



M10 x 6mm x 9.7mm

HMW566

3809.0410.019

· Vertical Dropout



3/8" x 6mm x 9.7mm

HMW558

3809.0410.014

· Vertical Dropout



3/8" x 4mm x 9.5mm

HMW521

3809.0405.121

HMW530 (Xylan)

3809.0407.002



13/32" x 2mm x 9.5mm

HMW526

3809.0405.119

HMW544 (Xylan)

3809.0410.005



Lock Washer

M10 x 4mm x 9.5mm

HMW552

3809.0405.140

HMW551 (Xylan)

3809.0407.023



Lock Washer

M10 x 4mm x 9.5mm

HMW561

3809.0405.157

HMW563 (Xylan)

3809.0407.026



Lock Washer

M10 x 4mm x 9.5mm

HMW562

3809.0405.158

HMW564 (Xylan)

3809.0407.027

Brake Cable Assembly



BSD1X - Standard Type



BSD1XH - Hex Type



BSD1XH1 - Hex Type

BSD1X / BSD1XH / BSD1XH1

Ø1.6 Slick Stainless Cable + 2P Casing + Xylan Adjuster Assembly

HSK765 / BSD1X.0900.BA1 / 900mm

HSK765H / BSD1XH.0900.BA1 / 900mm

HSK765H1 / BSD1XH1.0900.BA0 / 900mm

HSK768 / BSD1X.1600.BA1 / 1600mm

HSK768H / BSD1XH.1600.BA1 / 1600mm

HSK768H1 / BSD1XH1.1600.BA0 / 1600mm



BSD05 - Standard Type



BSD05H - Hex Type



BSD05H1 - Hex Type

BSD05 / BSD05H / BSD05H1

Ø1.6 Galvanized Cable + 2P Casing

HSK730 / BSD05.0900.BA1 / 900mm

HSK730H / BSD05H.0900.BA1 / 900mm

HSK730H1 / BSD05H1.0900.BA0 / 900mm

HSK736 / BSD05.1600.BA1 / 1600mm

HSK736H / BSD05H.1600.BA1 / 1600mm

HSK736H1 / BSD05H1.1600.BA0 / 1600mm



BSD01 (BF)

Ø1.6 Galvanized Cable + 2P Casing

HSK740 / BSD01.0900.BA0 / 900mm



Brake Adjuster Assembly - Standard Type

HSB422

3899.0000.154

HSB536 (Xylan)

3899.0000.457

(SBF, SAB3, AB3, AB5, X-FD, XL-FD, XL-FDD, RX-RD3, RXL-RD3, X-RD3, XL-RD3, X-RD4, X-RD5, XL-RD5, X-RD8)



Brake Adjuster Assembly - Hex Type

HSB559 (Xylan)

3899.0000.625

HSB560

3899.0000.786

SBF, SAB3, AB3, AB5, X-FD, XL-FD, XL-FDD, RX-RD3, RXL-RD3, X-RD3, XL-RD3, X-RD4, X-RD5, XL-RD5, X-RD8



Brake Adjuster Assembly III

HSB307

3899.0000.172

HSB537 (Xylan)

3899.0000.715

[BF]



Pinch Bolt

HSK770

3899.0000.774



Pinch Bolt Assy (Type1)

HSK771

3899.0000.944

Brake Arm Clips

Front Brake Arm Clips



17.5mm (11/16")
HSL702
3899.0000.106



22.2mm (7/8")
HSL703
3899.0000.107



Rubber Sleeve
HSL770
3810.0505.005

Rear Brake Arm Clips



15.5mm
HSL767
3899.0000.115



17.0mm (43/64")
HSL907
3899.0000.658



22.2mm (7/8")
HSL769
3899.0000.116



15.9mm (5/8")
HCB101
3899.0000.746



17.0mm (43/64")
HSL791
3899.0000.150



19.1mm (3/4")
HSL761
3899.0000.659

Fulcrum Clips & Pulleys

Fulcrum Clips



Top tube and Down tube



28.6mm (1-1/8")

HSJ514

3899.0000.176

· HSJ515 included

Chainstay and Backstay



15.9mm (5/8")

HSJ553

3899.0000.660



17.9mm (45/64")

HSJ548

3899.0000.101



19.1mm (3/4")

HSJ753

3899.0000.697



15.9mm (5/8")

HSJ775

3899.0000.108
HSJ515 included



Fulcrum Sleeve

HSJ515

3810.0505.003

Pulleys

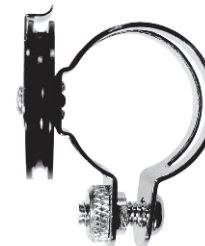
Top tube and Down tube



28.6mm (1-1/8")

HSJ521

3899.0000.105



25.4mm (1")

HSJ520

3899.0000.104



TLSL1

TLSL1.0000.0A0

- Sprocket & Lock Ring Removal Tool
- For HBT Rear Hub



HTR149

3899.0000.627

- Anti-Theft Dome Nut Tool



HTR147

3810.0725.005

- Ratchet Ring Removal Tool



TLSF2

TLSF2.0000.0A0

- Single Freewheel Removal Tool



HTR150

3810.0725.012



HTR140

3810.0790.002

- 14mm Cone Spanner



HTR141

3810.0790.003

- 16mm Cone Spanner



HTR142

3810.0790.004

- 23mm Cone Spanner



HTR145

3810.0790.008

- Classic Ball Ring Spanner



HTR144

3810.0790.006

- S2C Ball Ring Spanner



HTR146

3810.0790.009

- S80(W) Ball Ring Spanner



HTR139

3810.0790.007

- Dynohub Cap Spanner



HTR148

3810.0790.010

- C50 Ball Ring Spanner



HTR151

3810.0790.011

- S40 Ball Ring Spanner

Look for SunRace catalogue.





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Making Cycling Safer

The Original And Best