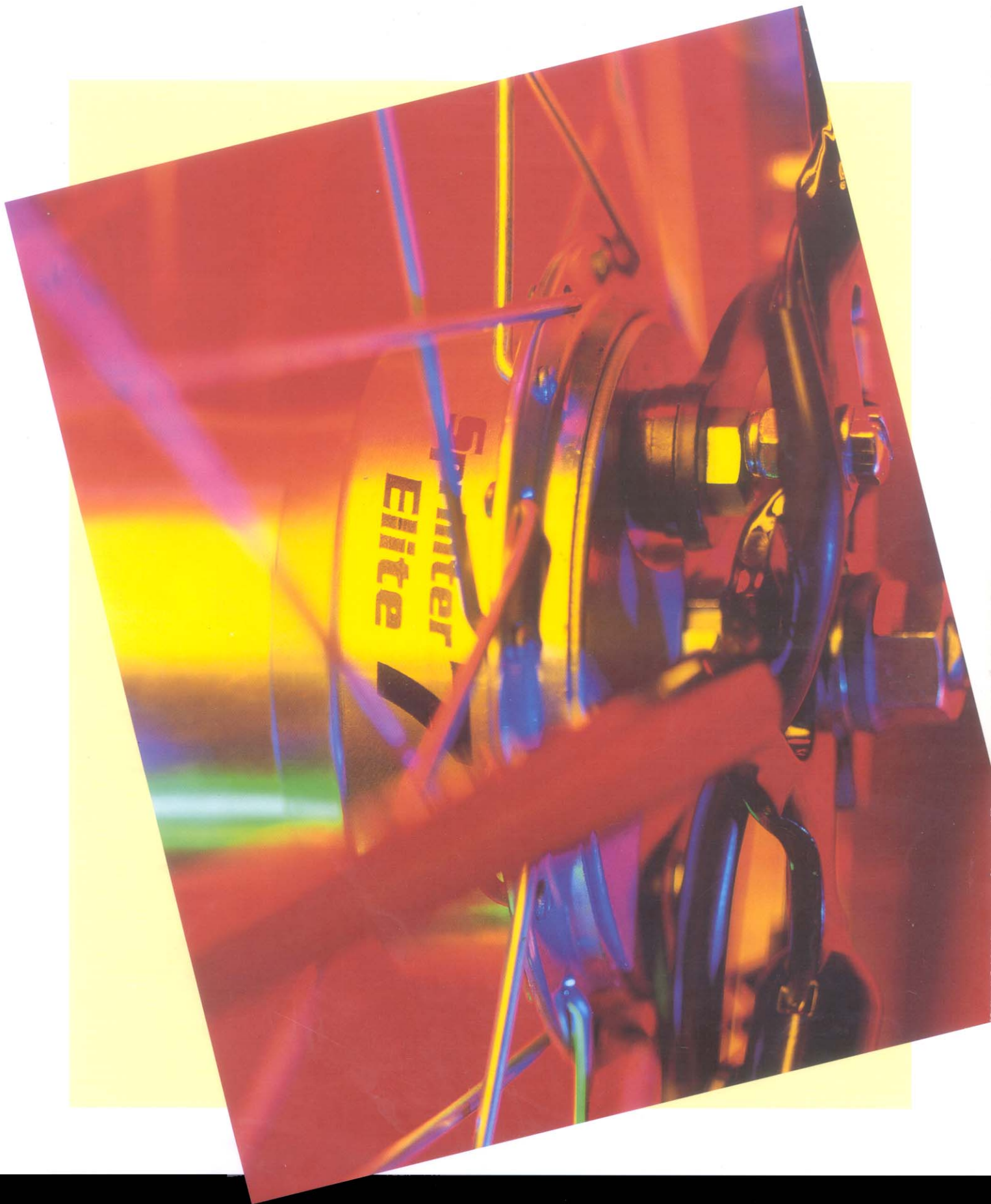


**Sturmey
Archer** 



...makes cycling easier

AW/AWC THREE SPEED HUB GEARS

The AW 3 speed hub gear system, introduced in 1936, is still a top-selling product throughout the world.

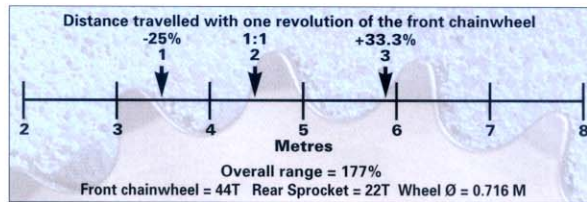
The AW system has a fully sealed mechanism offering total protection against the elements. No grit, salt or moisture can get in, and it is completely shielded from knocks. Maintenance requirements are thus minimal.

Based on the epicyclic gear principle, the AW is the perfect commuting gear. With it, you can change gears with confidence and precision even when stationary.

The AWC gear mechanism enjoys all the benefits of the AW whilst also incorporating 'coaster' (back pedal) brake which provides constant high efficiency braking, irrespective of the gear selected.

AW 3 Speed

Weight: 1.00kg
 Spoke Holes: 20, 28, 36, 40
 Axle Lengths: 146mm, 163mm, 174mm
 Standard Overlocknut
 Dimension: 110mm, 117mm
 Gear Ratios: 1: -25%
 2: 1:1
 3: +33.3%



AWC 3 Speed Coaster

Weight: 1.38kg
 Spoke Holes: 28, 36
 Axle Lengths: 152mm, 163mm
 Standard Overlocknut
 Dimensions: 116mm, 119mm, 122mm
 Gear Ratios: 1: -25%
 2: 1:1
 3: +33.3%

SPRINTER 5 SPEED HUB GEARS

Like the AW 3 system, the mechanism of the Sprinter 5 range of hubs is totally enclosed in a sealed casing and with factory-lubrication makes routine maintenance a thing of the past.

The Sprinter system, however, offers a far wider gearing range than the AW system. Its five conveniently spaced gears make it ideal for both touring and commuting, especially in hilly terrain. There is, furthermore, no slipping position, with the gears being continuously in 'drive' whilst changing up or down.

The Sprinter Elite enjoys all the advantages of the Sprinter whilst also incorporating a powerful drum brake.

Alternatively, the Sprinter Coaster incorporates a 'coaster' (back pedal) brake giving high efficiency braking irrespective of the gear selected.

Sprinter 5 Speed

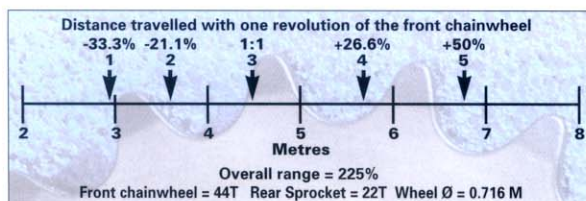
Weight: 1.20kg
 Spoke Holes: 28, 36
 Axle Length: 167.5mm
 Standard Overlocknut
 Dimensions: 114mm, 126mm
 Gear Ratios: 1: -33.3%
 2: -21.1% 3: 1:1
 4: +26.6% 5: +50%

Sprinter Elite 5 Speed Rear Brake

Weight: 1.43kg
 Spoke Holes: 36
 Axle Length: 167.5mm
 Standard Overlocknut
 Dimension: 120mm
 Gear Ratios: 1: -33.3%
 2: -21.1% 3: 1:1
 4: +26.6% 5: +50%

Sprinter Coaster 5 Speed Rear Brake

Weight: 1.35kg
 Spoke Holes: 28, 36
 Axle Length: 167.5mm
 Standard Overlocknut
 Dimension: 122mm, 124mm
 Gear Ratios: 1: -33.3%
 2: -21.1% 3: 1:1
 4: +26.6% 5: +50%



SPRINTER 7 SPEED HUB GEARS

The continuous technical development at Sturmey-Archer has - for the moment - reached its high point in the introduction a range of 7 speed hubs - the Sprinter-7 range. These hubs have been designed, built and rigorously tested to meet the extreme demands of today's market.

Like the 3- and 5-speed ranges, the Sprinter-7 range of hub gears includes the Sprinter-7 - a freewheel hub, the Sprinter-7 Elite with 70mm drum brake and the Sprinter-7 Coaster with backpedal brake.

The Sprinter-7 hubs offer not only a wide range of gears but also well chosen, more finely graded gear ratios and a wider transmission range to suit various gradients and terrains. Sturmey-Archer has given the rider closer ratios in the lower gears where he needs it the most.



Sprinter 7 Speed

Weight: 1.275kg
 Spoke Holes: 36
 Axle Length: 179mm
 Standard Overlocknut
 Dimensions: 134mm
 Gear Ratios: 1: - 40%
 2: - 31% 3: - 20% 4: 1:1
 5: + 24% 6: + 45% 7: + 68%



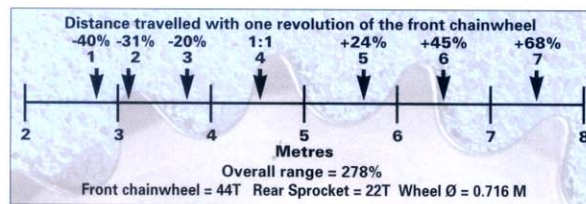
**Sprinter-7 Elite
7 Speed Rear Brake**

Weight: 1.510kg
 Spoke Holes: 36
 Axle Length: 179mm
 Standard Overlocknut
 Dimension: 135mm
 Gear Ratios: 1: - 40%
 2: - 31% 3: - 20% 4: 1:1
 5: + 24% 6: + 45% 7: + 68%



**Sprinter-7 Coaster
7 Speed Rear Brake**

Weight: 1.495kg
 Spoke Holes: 36
 Axle Length: 179mm
 Standard Overlocknut
 Dimension: 136mm
 Gear Ratios: 1: - 40%
 2: - 31% 3: - 20% 4: 1:1
 5: + 24% 6: + 45% 7: + 68%



THE CLASSIC 90MM RANGE

Manufactured for over 50 years and immensely popular, these enjoy all the advantages of all our other hub brakes, along with the extra efficiency which comes from the larger 90mm drum.

The 90mm range of brake hubs comprises one front hub, the BFC. Along with this are two rear hubs, the BRC, which will take a screw-on freewheel block and the ABC rear 3 speed drum brake. The latter being the only 90mm 3 speed brake hub in the world.

BFC Front Brake

Weight: 1.00kg
 Spoke Holes: 36
 Axle Length: 136mm
 Standard Overlocknut
 Dimensions: 100mm



**ABC 3 Speed
Rear Brake**

Weight: 1.55kg
 Spoke Holes: 36
 Axle Length: 162mm
 Standard Overlocknut
 Dimension: 117mm
 Gear Ratios: 1: - 25%
 2: 1:1
 3: + 33.3%



**BRC
Rear Brake**

Weight: 1.175kg
 Spoke Holes: 36
 Axle Length: 170mm
 Standard Overlocknut
 Dimension: 130mm



THE STEELITE RANGE

The Steelite 70mm range was developed directly from the Elite to give more cyclists the braking power and performance previously enjoyed by the privileged few.

Steelite hub brakes are also remarkably light. Moreover, with sparkling chrome or satin black finish, and die cast alloy brake plate, they are eye-catchingly attractive too!

The Steelite range comprises the SBF front brake and the SBR, SAB 3 and SAB 5 rear brakes.

The SBR can be combined with a 5, 6 or 7 speed block for use on a derailleur-gear bicycle, while the SAB 3 and SAB 5 combine a drum brake mechanism with a 3 and 5 speed hub gear respectively.

SBF Front Brake

Weight: 0.73kg
Spoke Holes: 36
Axle Length: 136mm
Standard Overlocknut
Dimensions: 100mm



SBR Rear Brake

Weight: 0.82kg
Spoke Holes: 36
Axle Lengths: 162mm, 170mm
Standard Overlocknut
Dimensions: 116mm, 126mm, 136mm



SAB 5 Speed Rear Brake

Weight: 1.4kg
Spoke Holes: 36
Axle Length: 167.5mm
Standard Overlocknut Dimension: 123mm
Gear Ratios: 1: -33.3%
2: -21.1% 3: 1:1
4: +26.6% 5: +50%



SAB 3 Speed Rear Brake

Weight: 1.35kg
Spoke Holes: 36
Axle Length: 162mm
Standard Overlocknut Dimension: 117mm
Gear Ratios: 1: -25%
2: 1:1
3: +33.3%



THE ELITE RANGE

Our top range is the Elite 70mm alloy hub brake comprising four variants.

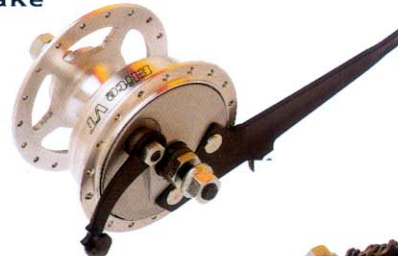
The VT is a front brake which for optimum braking performance should be used in combination with one of the following units.

The ST rear hub can be combined with a 5, 6, or 7 speed block for use on a derailleur-gear bicycle, and the AT3 and Sprinter Elite combine a drum brake mechanism with a 3 and 5 speed hub gear respectively. Both the VT and ST feature sealed journal bearings for long life and a smooth ride.

The Elite range is wonderfully versatile. It can be used on either hub or derailleur-gear bicycles, by town or touring cyclist. It is lightweight and, through its use of specially-formulated anti-fade brake material, ultimately reliable, controllable and effective.

VT Front Brake

Weight: 0.76kg
Spoke Holes: 36
Axle Length: 136mm
Standard Overlocknut
Dimensions: 100mm
Sealed Journal Bearings



AT3 3 Speed Rear Brake

Weight: 1.38kg
Spoke Holes: 36
Axle Length: 162mm
Standard Overlocknut
Dimension: 117mm
Gear Ratios: 1: -25%
2: 1:1
3: +33.3%



ST Rear Brake

Weight: 0.82kg
Spoke Holes: 36
Axle Lengths: 183mm
Standard Overlocknut
Dimensions: 135mm
Sealed Journal Bearings



REPRESENTED THROUGHOUT THE WORLD

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Archer**

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