# Specifications

## IGH S30

<table>
<thead>
<tr>
<th>Model Name</th>
<th>XL-RD3</th>
<th>X-RD3</th>
<th>S-RK3</th>
<th>S-RK3 (N)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model No. (36H)</td>
<td>IHS3T.YBCS.AA0</td>
<td>IHS3T.XBSS.AA1</td>
<td>IHS3K.QCLS.AA0</td>
<td>IHS3K.QCLS.AA0</td>
</tr>
<tr>
<td>Model No. (32H)</td>
<td>✗</td>
<td>✗</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Model No. (28H)</td>
<td>✗</td>
<td></td>
<td>✗</td>
<td></td>
</tr>
<tr>
<td>Model No. (High Polish)</td>
<td>IHS3T.YBCS.HA0</td>
<td>IHS3T.XBSS.HA1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Speed

- **3-Speed**
  - Type: 90mm Drum Brake 70mm Drum Brake Disc Brake Type

### Hub Shell Material

- Overall Range: 177%
  - 1: 75% (-) 25%
  - 2: 100% Direct Drive [Gear 1 (+) 33%]
  - 3: 133% (+) 33.3% [Gear 2 (+) 33%]

### Gear Ratio

<table>
<thead>
<tr>
<th>Gear Ratio</th>
<th>Overall Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>75%</td>
</tr>
<tr>
<td>2</td>
<td>100% Direct Drive [Gear 1 (+) 33%]</td>
</tr>
<tr>
<td>3</td>
<td>133% (+) 33.3% [Gear 2 (+) 33%]</td>
</tr>
</tbody>
</table>

### Axle Diameter

- 13/32" Slotted

### Axle Length

- 163mm

### Over Locknut Dimension

- 118mm

### R: Axle Protrusion Length

- 23mm

### L: Axle Protrusion Length

- 22mm

### Spoke Holes

- (B) 36H

### Pitch Circle Diameter

- 109.0mm

### Flange Width

- 66.3mm

### Center to Flange

- Right: 25mm
- Left: 41.3mm

### Spoke Compatibility

- 13G & 14G

### Sprocket Teeth

- 13T ~ 24T

### Chain Line: 1/8" Flat

- 42.2mm

### Chain Line: 1/8" Dished

- 42.7mm / 45.7mm

### Chain Line: 3/32" Flat

- 43.7mm / 44.7mm

### Chain Line: 3/32" Dished

- 41.8mm / 46.2mm

### Indicator Type

- MK3

### Finish

- Natural Alloy
- Anodized Alloy

### Weight

<table>
<thead>
<tr>
<th></th>
<th>1,580g</th>
<th>1,400g</th>
<th>1,085g</th>
<th>1,080g</th>
</tr>
</thead>
</table>

2016 © Sun Race Sturmey-Archer Inc.
## Specifications

### IGH S30

<table>
<thead>
<tr>
<th>Model Name</th>
<th>S-RC3 (II)</th>
<th>S-RF3</th>
<th>S-RF3(N)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model No. (36H)</td>
<td>IHS3C.QBLC.AA3, IHS3C.QBSS.AA3, IHS3F.QBLS.AA3, IHS3F.QBSA.AA3, IHS3F.QBSS.AA3, IHS3F.QBDL.AA3</td>
<td>×</td>
<td>×</td>
</tr>
<tr>
<td>Model No. (28H)</td>
<td>×, IHS3C.QDDC.AA3, ×, ×, ×, IHS3F.QDCS.AA3, IHN3F.QDCB.AA3</td>
<td>×</td>
<td>×</td>
</tr>
<tr>
<td>Model No. (High Polish)</td>
<td>×, ×, ×, ×, ×, ×, ×, ×, ×, ×, ×, ×, ×</td>
<td>×</td>
<td>×</td>
</tr>
</tbody>
</table>

### Speed
- Type: 3-Speed
- Hub Shell Material: 6061 Aluminum

### Gear Ratio

<table>
<thead>
<tr>
<th>Overall Range</th>
<th>177%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>75%</td>
</tr>
<tr>
<td>2</td>
<td>100%</td>
</tr>
<tr>
<td>3</td>
<td>133%</td>
</tr>
</tbody>
</table>

### Axle Diameter
- 13/32" Slotted

<table>
<thead>
<tr>
<th>Axle Length</th>
<th>175mm</th>
<th>163mm</th>
<th>175mm</th>
<th>163mm</th>
<th>163mm</th>
<th>148mm</th>
<th>148mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Over Locknut Dimension</td>
<td>119mm</td>
<td>116mm</td>
<td>127mm</td>
<td>119mm</td>
<td>118mm</td>
<td>108mm</td>
<td>111mm</td>
</tr>
<tr>
<td>R: Axle Protrusion Length</td>
<td>27mm</td>
<td>26mm</td>
<td>24mm</td>
<td>22mm</td>
<td>21mm</td>
<td>20mm</td>
<td>18mm</td>
</tr>
<tr>
<td>L: Axle Protrusion Length</td>
<td>29mm</td>
<td>21mm</td>
<td>24mm</td>
<td>22mm</td>
<td>24mm</td>
<td>20mm</td>
<td>19mm</td>
</tr>
</tbody>
</table>

### Chain Line
- 1/8" Flat
- 1/8" Dished
- 3/32" Flat
- 3/32" Dished

### Spoke Compatibility
- 13G & 14G

### Sprocket Teeth
- 13T ~ 24T

### Chain Line
- 1/8" Flat
- 1/8" Dished
- 3/32" Flat
- 3/32" Dished

### Finish
- Anodized Alloy

### Weight
- 1,300g
- 1,290g
- 1,015g
- 995g
- 995g
- 975g
- 970g

---

Model Name: S-RC3 (II), S-RF3, S-RF3(N)

Overall Range: 177%

Axle Diameter: 13/32" Slotted

Axle Length: 175mm, 163mm, 175mm, 163mm, 163mm, 148mm, 148mm

Over Locknut Dimension: 119mm, 116mm, 127mm, 119mm, 118mm, 108mm, 111mm

R: Axle Protrusion Length: 27mm, 26mm, 24mm, 22mm, 21mm, 20mm, 18mm

L: Axle Protrusion Length: 29mm, 21mm, 24mm, 22mm, 24mm, 20mm, 19mm

Spoke Holes: (B) 36H / (C) 32H / (D) 28H

Pitch Circle Diameter: 67.0mm, 67.0mm, 67.0mm, 67.0mm, 67.0mm, 67.0mm, 67.0mm

Flange Width: 56.6mm, 56.6mm, 56.6mm, 56.6mm, 56.6mm, 56.6mm, 56.6mm

Center to Right Flange: 25.1mm, 26.3mm, 28.6mm, 29.1mm, 28.3mm, 28.0mm, 25.6mm

Center to Left Flange: 31.5mm, 30.3mm, 28.0mm, 27.5mm, 28.3mm, 28.6mm, 31.0mm

Spoke Compatibility: 13G & 14G

Sprocket Teeth: 13T ~ 24T

Chain Line: 1/8" Flat

Chain Line: 1/8" Dished

Chain Line: 3/32" Flat

Chain Line: 3/32" Dished

Indicator Type: MK5, MK4, MK5, MK3, MK3, MK2, MK2

Finish: Anodized Alloy

Weight: 1,300g, 1,290g, 1,015g, 995g, 995g, 975g, 970g