



## 高級自行車用陶瓷軸承 Ceramic Hybrid Bearing For Bicycle

### SRC Series

### 產品特色 Product Feature

G5等級氮化矽陶瓷球，重量僅為金屬球的40%  
Grade 5 super high roundness silicon nitride ceramic ball, weight 40% of steel ball.

內含低阻力潤滑油脂  
Low torque grease.

非接觸式塑膠封蓋，減少軸承運轉阻力  
Non-contact rubber seal to reduce friction.

不鏽鋼內外環，可以減少軸承鋼易生鏽的問題  
Stainless Steel rings to reduce corrosive issues.

### 應用場合 Application

前後花鼓軸承..... Front & Rear hubs,  
Bottom Bracket軸承..... Bottom Bracket B.B  
頭碗軸承..... Head sets  
踏板..... Pedal pivot axel  
變速器導輪..... Chain tensioner pulley

### 花鼓內滾珠規格比較 Comparison of Hub Ball Specification

Material	Steel Ball	Si3N4 Ball
Ball Grade	Grade 20~	Grade 5
Density(g/cm <sup>3</sup> )	7.6	3.2
Max.Surface Roughness (Ra.µm)	0.04	0.014
Allowable Deviation from Spherical form (µm)	0.5	0.13
Hardness, HV	700~ 800	1400~1700

