

New!

CYCLOID SHC

Super Hill Climb

— Ultra-high performance chainring, with superior functionality to any other ovals —
— For Sugino "OX" crank —



OX2-901D
46-27T



CY5-SHC

Type	Double (Inner)
P.C.D.	74mm
Teeth	27, 30T
Compatible Cranks	Sugino OX2-901D / OX2-901D Classic OX901D / OX901D Classic
Color	●Red, ●Dark gray

46-30T
46-27T
44-30T
44-27T

*Crank and outer chainring sold separately. For details, refer to below and website, catalog.

*For "Compact plus+" system only, use with CP110S 44T or 46T outer ring.

① CYCLOID II mechanism

Cycloid II is a non-circular chainring developed uniquely by Sugino. Autofocus mechanism incorporating special teeth design enhances features of the non-circular ring.

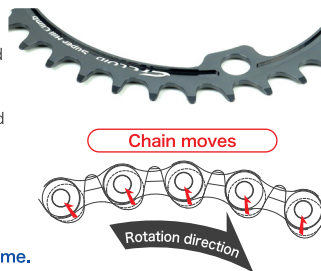
Non-circular ring has different features and appearance from circular ring. It increases the diameter during the power phase, while the diameter is minimized at the top and bottom dead points to allow quick spinning. It provides more efficient pedal rotation.



Autofocus mechanism

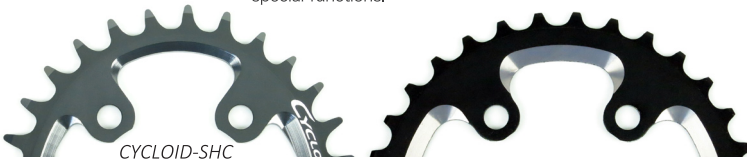
When force is applied to pedal, chain moves outward and runs higher on the ring. You feel the ring increases the diameter. As amount of moving fluctuates by the force applied, it maximizes the benefits of non-circular ring and assists your pedal stroke to remain efficient.

- No need of pedal stroke analysis to identify peak point and mounting position.
- Perfect shifting and no chain drop.
- Smooth and efficient pedaling are ensured at all time.



Teeth design

Long narrow teeth profile realizes Autofocus mechanism and other special functions.



② Super Hill Climb

Special mechanism & ultra-lightweight, perfect for hill climb and long ride. Precision CNC machined from ultra-rigid aluminum alloy, both lightweight and high rigidity are realized.

Super small 27T newly available, which gives you gearing 44/27T, lowest in "Compact plus+", and helps you to ride up steep slopes.

③ No need of Chainwatcher

Perfect shifting and no chain drop, a chainwatcher is not necessary, which can trim your bike weight.



OX2-901D OX2-901D Classic

Axle Type	IDS24 (φ24mm axle)
Compatibility	SHIMANO 11speed, 10speed
P.C.D.	110 - 110mm or 74mm
Combinations	52-36T, 50-36T, 50-34T 48-36T, 48-34T, 48-32T 46-36T, 46-34T, 46-32T, 46-30T 44-32T, 44-30T
Crank Length	160, 165, 167.5, 170, 172.5, 175mm
Chain Line	43.5mm
Q-Factor	145mm
Color	○Silver, ●Black

Compact Plus+

Dual-PCD design is Sugino original mounting pattern, enables the use of super small inner ring such as 30T and 32T, and offer advanced performance at hill climbing, cyclocross and grandondo where stamina is required.



*CY5-SHC available in 27T & 30T.

