

BSS SERIES

Fire Rated Security Brass Euro Single Cylinder



Specification

- Single type cylinder compatible with all standard euro profile mortise locks.
- Length starts at 30/10, available in 5 mm increments up to 80/10, both in offset and equal lengths.
- Passed over 100,000 cycles in durability tests.
- Solid brass pins and stainless steel 304 springs for high precision and extended service life.
- Suitable for both indoor and outdoor applications due to high corrosion resistance even in extreme temperatures between -25 °C and +65 °C.
- Suitable for use on metal and timber fire doors.
- Supplied with 5 nickel-plated brass keys.

CE Classification

160B0C60



Keyway	Mapped
Material	HPB59-1 Brass
Section Size	Ø17x33x10 mm
Cam	R15 x 6.5 Sintered Steel
Pins	6 Movable Solid Brass Detainers
Keys	5 Nickel-plated 2.2 mm Solid Brass Keys
Fixing Screw	Stainless Steel 304 Fixing Screw
Packaging	50 Units per Carton

Security Features

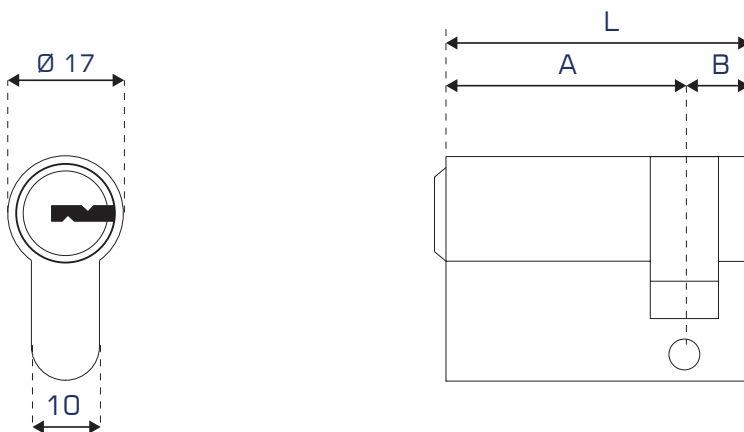
- 6 movable pins (detainers) allowing for higher security with over 100,000 different combinations.
- Sintered steel cam protrudes at 30° angle out of cylinder body when key is pulled out, making it impossible for the cylinder to be drawn out of lock by force.
- Anti-duplication keyway: Prevents the illegal duplication of keys.

Certification

- 10 year warranty: The performance of this product and all its variants are covered by Wilroy's hassle-free warranty.
- CE marked and fully tested to EN 1303:2015.
- CE marked and fully tested to EN 1634-1:2014 for suitability of use on fire doors.
- Fully compliant with DIN 18252.

Digit	Grade	Description
2 nd	6	Passed 100,000 test cycles. This is the highest possible grade according to EN 1303:2015 standards.
4 th	B	Suitable and approved for use on fire/smoke door assemblies. Tested according to EN 1634-1:2014 standards, and achieved fire resistance of 260 minutes on steel fire doors and 111 minutes on timber fire doors.
6 th	C	High corrosion resistance. Temperature requirement between -25 °C and +65 °C.
7 th	6	6 movable elements within the cylinder, resulting in more than 100,000 effective differs for the key with torque resistance of 15 Nm with no coding on key disclosing combination. This is the highest possible grade according to EN 1303:2015 standards.

Technical Design



Finishes

- AB - Antique Brass
- AC - Antique Copper
- BP - Matted Black
- GM - Gun Metal
- PB - Polished Brass
- PN - Polished Nickel
- PS - Polished Stainless Steel
- RG - Rose Gold
- SB - Satin Brass
- SN - Satin Nickel
- SS - Satin Stainless Steel

VARIANTS

BSS			
Catalog#	A (mm)	B (mm)	Length
BSS3010	30	10	30/10
BSS3510	35	10	35/10
BSS4010	40	10	40/10
BSS4510	45	10	45/10
BSS5010	50	10	50/10
BSS5510	55	10	55/10
BSS6010	60	10	60/10
BSS6510	65	10	65/10
BSS7010	70	10	70/10
BSS7510	75	10	75/10
BSS8010	80	10	80/10