

## BKR SERIES

### Fire Rated Standard Brass Bathroom Euro Cylinder



#### Specification

- Coin groove-knob type cylinder compatible with all standard euro profile mortise locks.
- Length starts at 30/30, available in 5 mm increments up to 80/80, 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.
- 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.
- 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.

CE Classification

160B0C60



<b>Keyway</b>	Classic
<b>Material</b>	HPB59-1 Brass
<b>Section Size</b>	Ø17x33x10 mm
<b>Cam</b>	R15 x 6.5 Sintered Steel
<b>Pins</b>	6 Movable Solid Brass Detainers
<b>Keys</b>	No Keys Supplied
<b>Fixing Screw</b>	Stainless Steel 304 Fixing Screw
<b>Packaging</b>	50 Units per Carton

#### Security Features

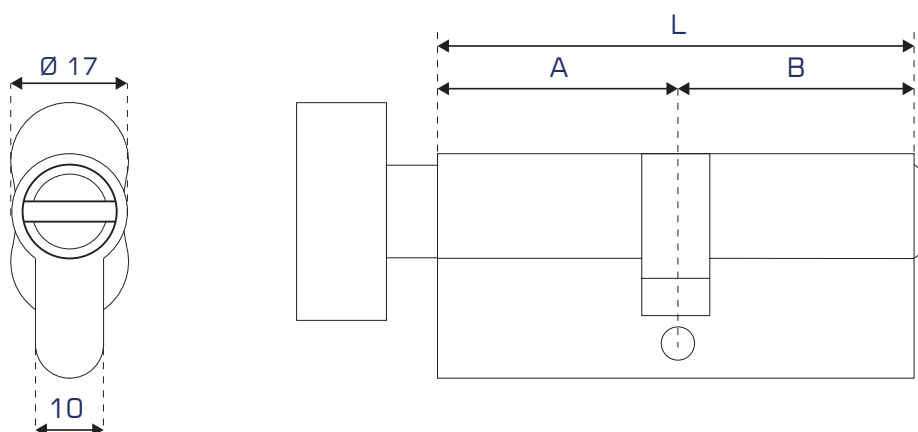
- Sintered steel cam protrudes at 30° angle out of cylinder body when key is pulled out, making it impossible for the cylinder to be drawn out of lock by force.

## 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 <sup>nd</sup>	6	Passed 100,000 test cycles. This is the highest possible grade according to EN 1303:2015 standards.
4 <sup>th</sup>	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 <sup>th</sup>	C	High corrosion resistance. Temperature requirement between -25 °C and +65 °C.
7 <sup>th</sup>	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

BKR			
Catalog#	A (mm)	B (mm)	Length
BKR3030	30	30	30/30
BKR3035	30	35	30/35
BKR3040	30	40	30/40
BKR3045	30	45	30/45
BKR3050	30	50	30/50
BKR3055	30	55	30/55
BKR3060	30	60	30/60
BKR3065	30	65	30/65
BKR3070	30	70	30/70
BKR3075	30	75	30/75
BKR3080	30	80	30/80
BKR3530	35	30	35/30
BKR3535	35	35	35/35
BKR3540	35	40	35/40
BKR3545	35	45	35/45
BKR3550	35	50	35/50
BKR3555	35	55	35/55
BKR3560	35	60	35/60
BKR3565	35	65	35/65
BKR3570	35	70	35/70
BKR3575	35	75	35/75
BKR3580	35	80	35/80
BKR4030	40	30	40/30
BKR4035	40	35	40/35
BKR4040	40	40	40/40
BKR4045	40	45	40/45
BKR4050	40	50	40/50
BKR4055	40	55	40/55
BKR4060	40	60	40/60
BKR4065	40	65	40/65
BKR4070	40	70	40/70
BKR4075	40	75	40/75
BKR4080	40	80	40/80
BKR4530	45	30	45/30
BKR4535	45	35	45/35
BKR4540	45	40	45/40
BKR4545	45	45	45/45
BKR4550	45	50	45/50
BKR4555	45	55	45/55
BKR4560	45	60	45/60
BKR4565	45	65	45/65
BKR4570	45	70	45/70
BKR4575	45	75	45/75
BKR4580	45	80	45/80
BKR5030	50	30	50/30
BKR5035	50	35	50/35

Catalog#	A (mm)	B (mm)	Length
BKR5040	50	40	50/40
BKR5045	50	45	50/45
BKR5050	50	50	50/50
BKR5055	50	55	50/55
BKR5060	50	60	50/60
BKR5065	50	65	50/65
BKR5070	50	70	50/70
BKR5075	50	75	50/75
BKR5080	50	80	50/80
BKR5530	55	30	55/30
BKR5535	55	35	55/35
BKR5540	55	40	55/40
BKR5545	55	45	55/45
BKR5550	55	50	55/50
BKR5555	55	55	55/55
BKR5560	55	60	55/60
BKR5565	55	65	55/65
BKR5570	55	70	55/70
BKR5575	55	75	55/75
BKR5580	55	80	55/80
BKR6030	60	30	60/30
BKR6035	60	35	60/35
BKR6040	60	40	60/40
BKR6045	60	45	60/45
BKR6050	60	50	60/50
BKR6055	60	55	60/55
BKR6060	60	60	60/60
BKR6065	60	65	60/65
BKR6070	60	70	60/70
BKR6075	60	75	60/75
BKR6080	60	80	60/80
BKR6530	65	30	65/30
BKR6535	65	35	65/35
BKR6540	65	40	65/40
BKR6545	65	45	65/45
BKR6550	65	50	65/50
BKR6555	65	55	65/55
BKR6560	65	60	65/60
BKR6565	65	65	65/65
BKR6570	65	70	65/70
BKR6575	65	75	65/75
BKR6580	65	80	65/80
BKR7030	70	30	70/30
BKR7035	70	35	70/35
BKR7040	70	40	70/40
BKR7045	70	45	70/45
BKR7050	70	50	70/50

Catalog#	A (mm)	B (mm)	Length
BKR7055	70	55	70/55
BKR7060	70	60	70/60
BKR7065	70	65	70/65
BKR7070	70	70	70/70
BKR7075	70	75	70/75
BKR7080	70	80	70/80
BKR7530	75	30	75/30
BKR7535	75	35	75/35
BKR7540	75	40	75/40
BKR7545	75	45	75/45
BKR7550	75	50	75/50
BKR7555	75	55	75/55
BKR7560	75	60	75/60
BKR7565	75	65	75/65
BKR7570	75	70	75/70
BKR7575	75	75	75/75
BKR7580	75	80	75/80
BKR8030	80	30	80/30
BKR8035	80	35	80/35
BKR8040	80	40	80/40
BKR8045	80	45	80/45
BKR8050	80	50	80/50
BKR8055	80	55	80/55
BKR8060	80	60	80/60
BKR8065	80	65	80/65
BKR8070	80	70	80/70
BKR8075	80	75	80/75
BKR8080	80	80	80/80