FPR SERIES

Fire Rated Stainless Steel 304 Euro Profile Roller Bolt Lock (85 mm)

Application

- European DIN style casing designed for use with Euro profile cylinders.

- Bolt-through fixing holes for security handles and roses.

- SECC galvanized steel lockcase assembled with stainless steel 304 Torx screws.

- Roller bolt adjustable between 2.3 mm and 13 mm made from stainless steel 304.

- Double throw deadbolt made from stainless steel 304 extending 20.5 mm when key is turned twice.

- Forend made from 3 mm thick stainless steel 304, available in 20/22/24 mm widths with straight or rounded corners (specify size and type).

- Supplied with clear plastic splinter guard for improved esthetics (white or black available upon request).

- Supplied with strike plate made from stainless steel 304.

- Supplied with grade 304 stainless steel fixing screws for timber doors (metal door screws available upon request).



CE Classification

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Specification

Center Distance	85 mm		
Backset Size	50/55 mm		
Follower	No Follower		
Follower Material	N/A		
Deadbolt	20.5 mm double throw		
Deadbolt Material	Stainless Steel 304		
Latch Type	Roller Latch		
Latch Material	Stainless Steel 304		
Lockcase Thickness	15 mm		
Lockcase Material	SECC Galvanized Steel		
Forend Length	240 mm		
Forend	20/22/24 mm with straight corners		
Forend Thickness	3 mm		
Forend Material	Stainless steel 304		
Strike Plate Thickness	1.5 mm		
Strike Plate Material	Stainless Steel 304		
Packaging	20 Units per Carton		

Opertion

From the inside:

- Door operated by pull handle/knob.
- Deadbolt operated by cylinder key/thumbturn.

From the outside:

- Door operated by pull handle/knob.
- Deadbolt operated by cylinder key/thumbturn.



Certification

- 10 year warranty: The performance of this product and all its variants is covered by Wilroy's hassle-free warranty.
- CE marked and fully tested to EN 12209:2003.
- CE marked and fully tested to EN 1634-1:2014 for suitability of use on fire doors.
- Fully compliant with DIN 18251.

Digit	Grade	Description	
1 st	З	Designed for use by the public where there is little incentive to exercise care and where there is a high chance of misuse. This is the highest possible grade according to EN 12209:2003 standards	
2 nd	×	Passed 200,000 test cycles with a 120 N force applied to the latch bolt while it is being withdrawn. This is the highest possible grade according to EN 12209:2003 standards.	
3rd	9	Designed for doors with mass above 200 kg and closes with a force of 15 N from a standing start. This is the highest possible grade according to EN 12209:2003 standards.	
4 th	1	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	G	Very high corrosion resistance (240 hours NSS salt spray testing) satisfying the temperature requirement from -10 $^\circ\rm C$ to +60 $^\circ\rm C$. This is the highest possible grade according to EN 12209:2003 standards.	

20/22/24

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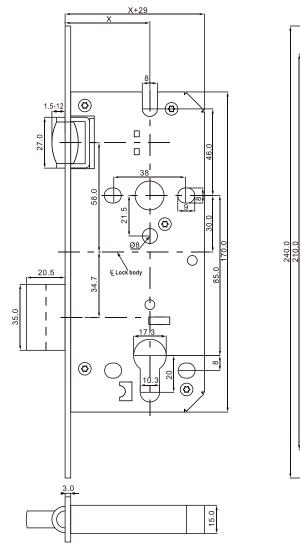
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Technical Design



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

FPR85						
Catalog Part#	Backset (mm)	Lockcase Depth (mm)	Forend			
FPR855020D	50	79	20 mm with Straight Corners			
FPR855022D	50	79	22 mm with Straight Corners			
FPR855024D	50	79	24 mm with Straight Corners			
FPR855520D	55	84	20 mm with Straight Corners			
FPR855522D	55	84	22 mm with Straight Corners			
FPR855524D	55	84	24 mm with Straight Corners			

