

Rolling shutters



Rolling grilles
Folding grilles
Spring shafts
Rolling shutters



Always up to date
as a member of
BVT

Rolling shutters

▶ Natural aluminium

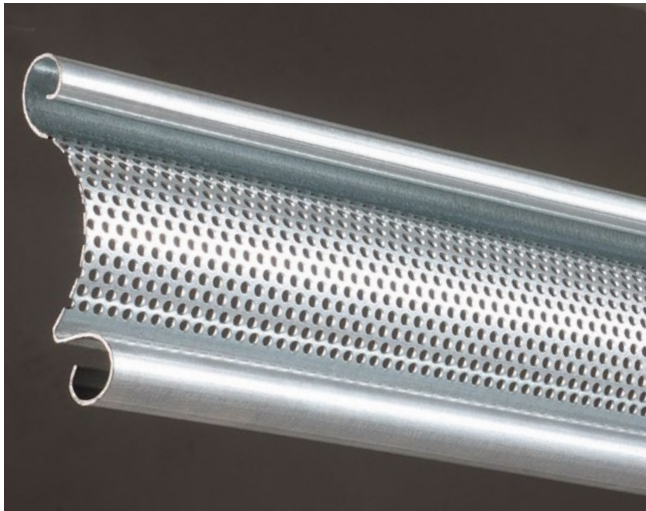
▶ Anodising

▶ Galvanized steel

▶ Powder coating acc. to RAL

▶ Stainless steel

▶ Foil coating/sheet lacquering



Rolling shutter curtain

- ▶ roll-formed with lateral end pieces
- ▶ bottom profile with ground/floor seal

Guide rails

Standard:

- ▶ made of aluminium with piping
- ▶ made of galvanized steel with or without edge protection/sliding strips

On request:

- ▶ made of stainless steel with or without edge protection/sliding strips
- ▶ for wind hooks and storm rolls
- ▶ powder-coated or anodised

Winding shaft

- ▶ made of steel corresponding to the allowable deflection
- ▶ primed round shafts
- ▶ galvanized 8-edged shafts
- ▶ galvanized or stainless steel round shafts possible

Control

- ▶ dead man (continuous pressing)
- ▶ pulse (self-locking)
- ▶ automatic (timed)

Additional equipment

- ▶ special customised designs on request
- ▶ contact rails
- ▶ underground garage controls
- ▶ remote control
- ▶ cover case/cover plate
- ▶ diagonal end rails
- ▶ lockable bottom profiles
- ▶ side part with fixed or swivelling wicket door

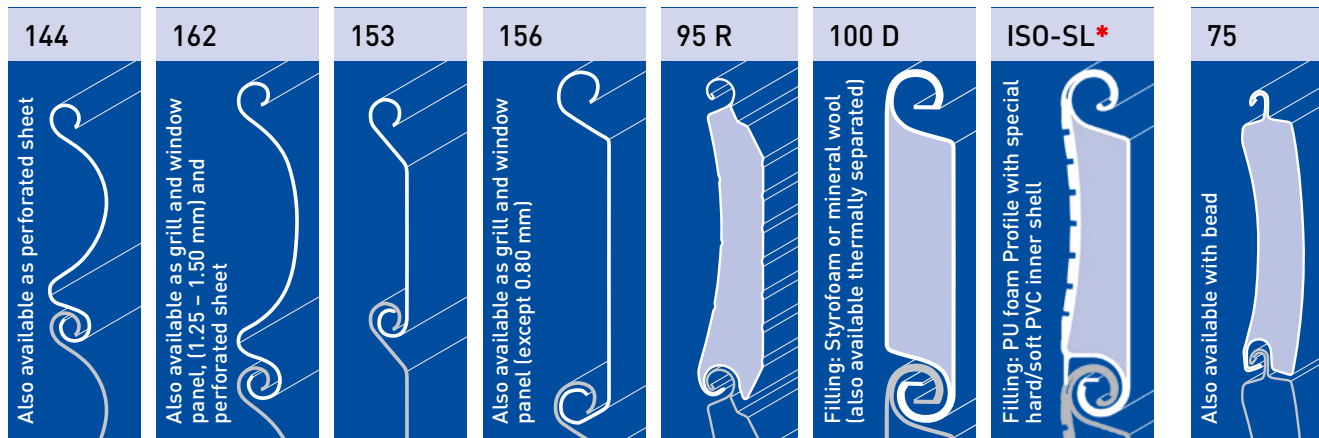
Storage

- ▶ on lateral support brackets
- ▶ special constructions

Drive

- ▶ external and chain drives – 400 volts with reversing contractors and emergency hand crank
- ▶ external drive with frequency converters for high-speed shutters
- ▶ tubular drive – 230 volts with emergency hand crank (if necessary)
- ▶ manually operated
 - with **OCO** spring housings for light rolling shutters below 100 kg, with double-bit lock at hand level **or** with PC lock in/on the bottom profile

Standard design
according to
current standard
(DIN EN)



Profile 75 standard rolling shutter as garage door coated in the following colours:

- ▶ Dark beige
- ▶ Bright beige
- ▶ Brown
- ▶ Grey
- ▶ Traffic white (similar to RAL 9016)
- ▶ Cream white (similar to RAL 9001)
- ▶ Cream (similar to RAL 1015)

Guidelines for the bale diameter:

Profile no.	Curtain height	Diameter of the tube shaft in mm								
		108	133	159	169	194	219	267	324	368
144	2000	260	280	280	290	310	330	370	400	
	2500	270	280	300	310	340	350	390	430	
	3000	300	310	330	330	340	360	400	430	
	3500	310	330	340	350	370	370	420	450	
	4000	330	340	370	370	370	390	420	470	
	4500	340	370	370	380	400	400	450	470	
	5000	360	370	390	390	400	420	450	490	
	6000		400	420	420	440	460	480	500	
	7000				460	460	500	540	540	
162	3000		310	340	340	350	370	390	450	490
	3500		340	340	370	370	380	420	460	490
	4000		350	370	370	380	400	420	470	510
	4500		370	370	400	410	400	450	470	530
	5000		380	400	400	410	430	450	510	530
	6000		410	420	430	440	450	490	520	560
	7000		440	450	460	480	470	510	540	560
	8000			470	480	500	500	530	560	600
	153	1500	200	220	240	240	260	280	330	380
2000		220	230	250	260	290	290	350	390	
2500		230	240	260	280	290	310	350	400	
3000		240	260	280	290	310	330	370	400	
3500		270	270	290	300	320	330	370	430	
4000		270	280	310	320	330	350	390	430	
5000		300	300	330	340	350	370	410	450	
3000				330	330	340	360	400	440	470
3500				360	360	360	390	420	460	470
4000			360	360	380	400	420	460	470	
4500			380	380	390	420	430	480	510	
5000			380	400	400	420	450	500	510	
6000			420	440	430	460	490	520	530	
7000			460	460	470	470	510	540	550	
8000			460	480	510	500	520	540	570	

Profile no.	Curtain height	Diameter of tube shaft in mm								
		133	159	169	194	219	267	324	368	
75	2000	280								
	2500	305								
	3000	320								
	3500	345								
	4000	355								
	4500	375								
	5000	385								
95 R	2000	300	310		340	360				
	2500	340	360		350	360				
	3000	360	370		380	400				
	3500	380	390		380	400				
	4000	400	390		420	430				
	4500	420	420		420	430				
5000	420	420		450	440					
100 D ISO-SL	2000		360	370	390	400	400			
	2500		380	370	390	400	460	450	490	
	3000		420	430	450	440	460	500	550	
	3500		420	430	460	450	490	500	550	
	4000		470	480	500	450	500	550	550	
	4500		470	480	500	500	500	550	590	
	5000		490	480	500	500	550	550	590	
	6000		520	530	540	550	560	600	590	
7000			560	570	550	610	600	640		

* **Profil ISO-SL** especially suited for high-speed shutters, with slightly curved PVC inner shell, special soft PVS longitudinal braces for the strong reduction of running noises and thermal separation.



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