

INSULATED SHUTTER DP 77

Description

The shutter is composed by 77mm elements clamped together, made of profiled pre plastified steel strips or pre painted aluminium strips filled with polyurethane foam.

Vertical sliding with upper roll up.

Lateral gasketstops in nylon and bottom part in extruded aluminium with gasket. The shutter is supplied completely assembled.

On request, long or short windows, with or without plexiglass.

Conform to the norm UNI EN 13241-1 **CE**

The shutters exposed to the wind, for instance in the case of façade installation, they must have the Class 2 conforming with the EN 12424.

Characteristics and materials

Material		Pre-plastified steel with polyurethane foam	Pre-painted aluminium with polyurethane foam
Strip thickness	[mm]	0,62	0,50
Element thickness	[mm]	19,00	19,00
Weight	[kg/m ²]	13,00	5,00
Max. width	[m]	6,00	5,00
Flame resistance		Class reaction 1	Class reaction 1
Salt spray resistance	[hours]	500	1000
Wind pressure resistance		Class 1 up to width 4500 Classe 4 up to width 3500	Class 1 up to width 5500 Class 4 up to width 4000
Spaces of use		Private garages, industrial applications, various	

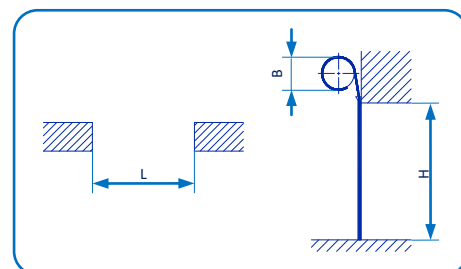
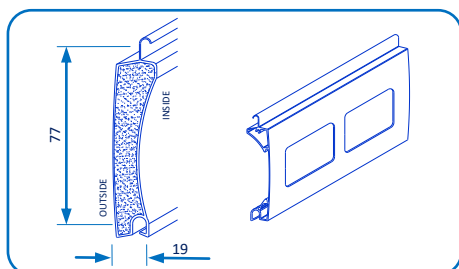
Dimensions

The values are approximates. For specific details contact our Technical Department.

In case of rotating shaft the minimum vertical space is 500 mm (motor + supports).

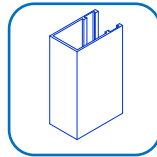
In case of pre-plastified steel shutter with spring or octagonal shaft D.70, look at the table below; for spaces related to other thickness or material please contact our Technical Department.

H Height	B – Roll Diameter																	
	Spring shaft										Octagonal Shaft D. 70 with adaptor D. 133							
4000	350	350	350	380	380	380	-	-	-	-	335	335	-	-	-	-	-	-
3500	340	340	340	370	370	370	370	-	-	-	320	320	320	-	-	-	-	-
3000	330	330	330	330	360	360	360	360	-	-	300	300	300	300	300	-	-	-
2500	320	320	320	320	320	350	350	350	350	350	280	280	280	280	280	280	280	280
2000	310	310	310	310	310	330	330	350	350	380	260	260	260	260	260	260	260	260
	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	1500	2000	2500	3000	3500	4000	4500	5000
	L – Width of the opening																	



Sliding guides

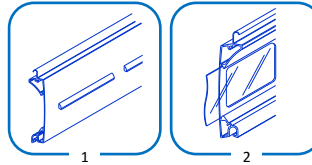
- U aluminium guides with gaskets
 - 40 x 36 x 40
 - 60 x 36 x 60



Accessories

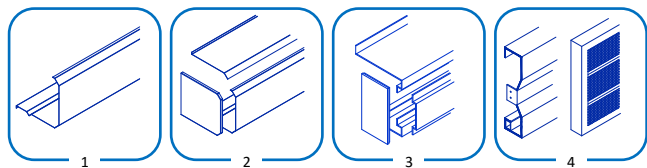
Ventilation and window

1. Extruded Aluminium profile with slats as pocket
2. Extruded Aluminium profile with window 80x32mm with or without transparent plexiglass



Top and Lid

1. Front panel
2. Carter composed by front panel, front upper and pair carter clips
3. Carter with removable front panel
4. External lid in galvanized sheet



Automation

1. Manual operation for shaft with spring
Round shaft Ø 48 – 60 – 76 – 89 – 101
2. Manual operation with torsional spring
Octagonal shaft L. 70 – 102
3. Axial motor for shaft with spring
Round shaft Ø 48 – 60 – 76 – 89 – 101
4. Tubular motor
Octagonal shaft L. 70
5. Side motor
Round shaft Ø 159 – 193 – 219 – 244 – 273 – 323 – 406
6. Forza motor
Octagonal shaft L. 70 – 102

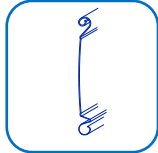


Finishing

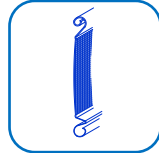
Pre-plastified steel	
Simil RAL	Description
1013	Ivory
9002	Grey white
9010	White
6005	Dark Green
	Brick red
7004	Grey
8019	Grey Brown
	Light wood
	Dark wood
	Raffaello Green
	Raffaello Grey
	Raffaello Brown

Pre-painted aluminium	
Simil RAL	Description
9010	White
7004	Grey
9006	Silver
8019	Dark brown
1013	Ivory
6005	Dark green
	Dark wood

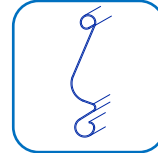
The complete range of rolling shutter



Blank P.115



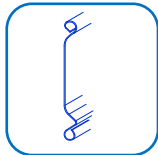
Micro-perforated P.115



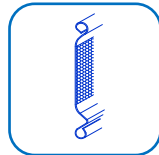
Blank P.97



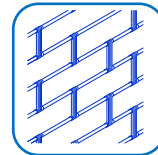
Micro-perforated P.97



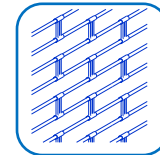
Blank P.73



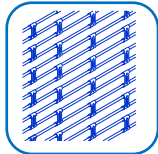
Micro-perforated P.73



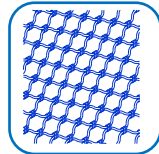
Tubular P.120



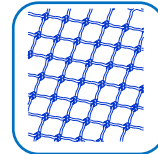
Tubular P.95



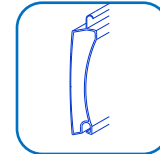
Tubular P.60



Tubonda



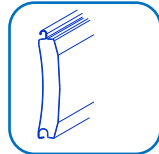
Tondino



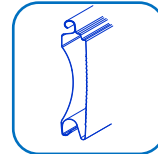
Insulated DP.77



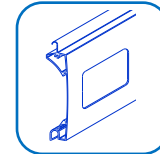
Insulated DP.105



Insulated F.100



Insulated F.140



Windowed



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