

LIBERTY ROLLING SHUTTER

Description

Rolling shutter with rectangular meshed mantle made of horizontal tubes: external tube diameter 12mm in Stainless Steel AISI 316 or aluminium, internal tube diameter 8mm in Stainless Steel AISI 304, and linking rods H.60 mm, thickness 2,0 mm in Stainless Steel AISI 316, 240 mm spaced, joined together by metal strips, with lateral guides. Bottom profile in Stainless Steel AISI 316, 100 mm high, thickness 1,2 mm, complete with reinforcing profile with thickness 5,0 mm.

Rollin shutter in compliance with the standard UNI EN 13241-1 **CE**

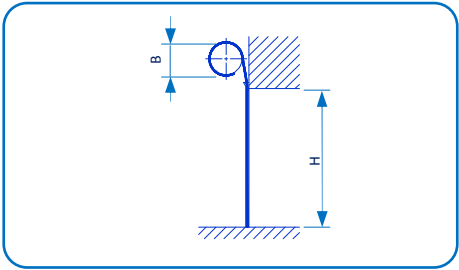
Technical specifications

External tube		Straight Ø12 Stainless Steel AISI 316	Straight Ø12 Aluminium
Internal tube		Straight Ø8 Stainless Steel AISI 304	Straight Ø8 Stainless Steel AISI 304
Weight	[kg/m ²]	10,0	7,0
Max. width	[m]	4,0	4,0
Pattern of installation		For naval application, shops and highly prestigious exhibitions	

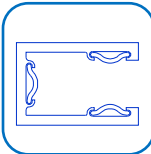
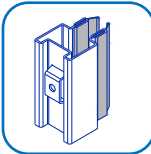
Dimensions

The values are approximates. For specific details contact our Technical Department
 In case of operation with rotating shaft, the minimum dimension of the winding part is 500 mm, also given by the motor and the supports.

H	B – Rolled-up winding dimensions	
	Shaft with adapter D. 101	Spring-loaded shaft (spring-boxes Ø200)
2200	245	315
2500	255	325
3000	275	340
4000	310	370



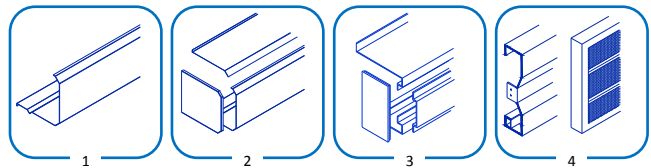
Lateral guides

<p>Lateral guide in extruded aluminium 40x27x40 complete with gaskets</p>	
<p>Shaped guide 60x50 in galvanized steel, thickness 2,0 mm complete with gaskets</p>	

Accessories

Casing

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



Automation

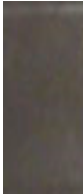









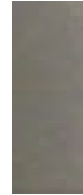

1. Manual operation for spring-loaded shaft
Shaft \varnothing 48 – 60 – 76
2. Central motor for spring-loaded shaft
Shaft \varnothing 48 – 60 – 76
3. Tubular motor with or without manual override
Octagonal shaft \varnothing 70 with adapter D. 101,
4. Lateral motor direct driven or chain-driven for rotating shaft
Shaft \varnothing 101 – 133 – 159 – 193 – 219
5. Forza automatic motorization
Octagonal shaft \varnothing 70 with adapter



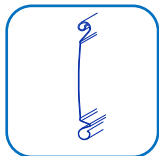
Finishing

Standard painting					
1000	Green beige	7004	Signal grey	8017	Chocolate brown
1001	Beige	7016	Anthracite grey	8019	Grey brown
1013	Oyster white	7021	Black grey	8024	Beige brown
1015	Light Ivory	7024	Graphite grey	9001	Cream
6005	Moss green	7040	Window grey	9002	Grey white
6009	Fir green	7046	Telegrey 2	9005	Jet black
6015	Black olive	7047	Telegrey 4	9010	Pure white
6019	Pastel green	8004	Copper brown	9011	Graphite black
6023	Mint green	8011	Nut brown	9016	Traffic white
7000	Squirrel grey	8014	Sepia brown		
7001	Silver grey	8016	Mahogany brown		

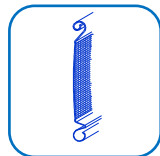
Special colors	
RAL 9006	Arsonsisi Grey
RAL colours not included in Standard painting	Metallic black
White: Marble (smooth) – Ancient marble (rough)	Black / Brown: sandy (rough)
Grey: Marble (smooth) - Ancient marble (rough)	Sandy900
Brown: Marble (smooth) – Ancient Marble (rough)	Gunmetal
Green: Marble (smooth) – Ancient Marble (rough)	Gold for external use
Red: Marble (smooth)	Hammered Brown for external use

Oxidation for aluminium rolling shutter											
											
F01	F02	F03	F04	F05	F06	F07	F08	F09	F10	F11	F12

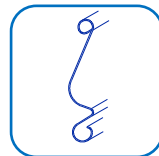
The complete range of rolling shutter



Blank P.115



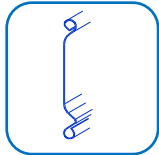
Micro-perforated P.115



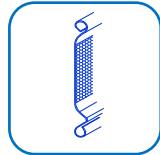
Blank P.97



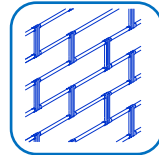
Micro-perforated P.97



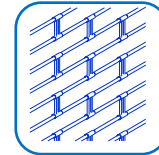
Blank P.73



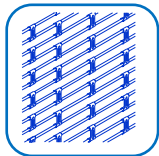
Micro-perforated P.73



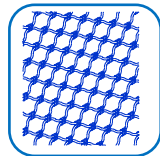
Tubular P.120



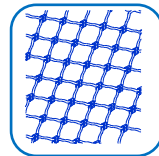
Tubular P.95



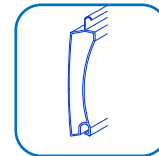
Tubular P.60



Tubonda



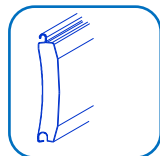
Tondino



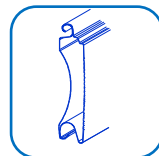
Insulated DP.77



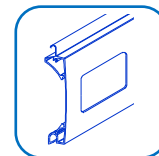
Insulated DP.105



Insulated F.100



Insulated F.140



Windowed

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