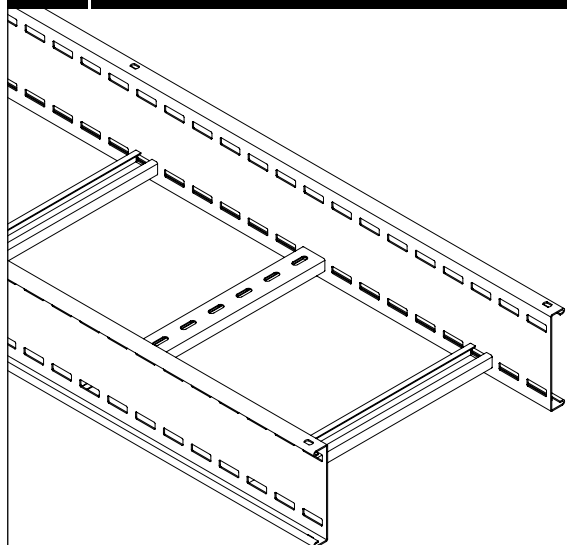


NEMA VE1
 REV.16/10/2017


BSL



Models (BxH):

100x50; 150x50; 300x50; 450x50; 600x50; 750x50; 900x50; 150x100; 300x100; 450x100; 600x100; 750x100; 900x100; 150x125; 300x125; 450x125; 600x125; 750x125; 900x125; 150x150; 300x150; 450x150; 600x150; 750x150; 900x150; 300x200; 450x200; 600x200; 750x200; 900x200.

Finishes: HDG, ss316.

Characteristics:

- Metallic
- Non-flame propagating component
- System with electrical continuity
- Electrically conductive component
- Minimum temperature of - 50 °C
- Maximum temperature of 150 °C
- With metallic coating, resistance to corrosion:

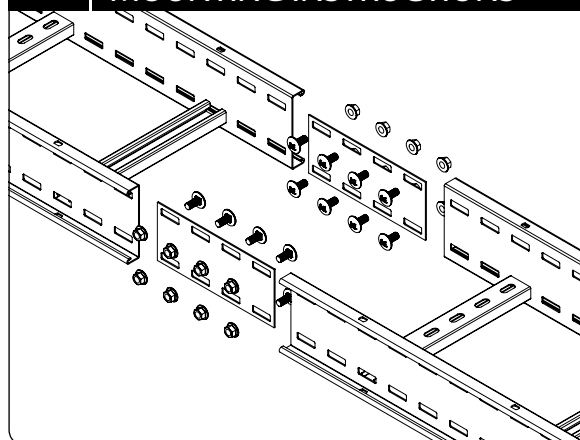
HDG coating: 55 microns

- Impact Strength: 20J

Height (H)	Thickness (e)	Min. Cross Sec. Area (1 Rail)	Min. Cross Sec. Area (2 Rail)	Máx. Amp.acc to NEC 392.7
mm	mm	in ² (mm ²)	in ² (mm ²)	
100	1,5	0,336 (216,5)	0,671 (433)	100
125	2	0,516 (333,1)	1,033 (666,2)	400
150	2	0,594 (383,1)	1,188 (766,2)	400
200	2	0,749 (483,1)	1,498 (966,2)	400



MOUNTING INSTRUCTIONS



- To set-up two trays, two union joints and 8 bolt sets B3 are needed.
- The tray installation for an electrical system should NOT run under other types of canalisation such as water, vapour or gas.
- To guarantee a good ventilation we recommend installing the trays keeping a minimum distance of 250 mm between each tray.
- Trays which are placed on supports shall have to keep a gap of 20 mm from the wall to allow for a correct ventilation of the cables.

Accessories:

BSL cable ladders have a large range of accessories: horizontal bends, vertical internal/external bends, TE/CROSS derivations, union joint, horizontal adjustable union joint, vertical adjustable union joint and bracket.

Standard radius: 300 mm.

Special radius under request: 600 mm and 900 mm

SAFE WORKING LOAD

Standard Load Ratings acc. to NEMA VE1:

	Span m (ft)			
	4,3 (14)	4,9 (16)	5,5 (18)	6,0 (20)
	Safe working load kg/m (lb/ft)			
BSL H100	98 (66)	75 (50)	-	-
BSL H125	172 (116)	132 (89)	104 (70)	87 (59)
BSL H150	223 (150)	171 (115)	135 (91)	113 (76)
BSL H200	342 (230)	262 (176)	207 (139)	173 (117)

Clasification	
BSL H100	12B-16A
BSL H125	12C-20A
BSL H150	16C-20B
BSL H200	20C

NOTE: 1,5 Safety factor considered.