

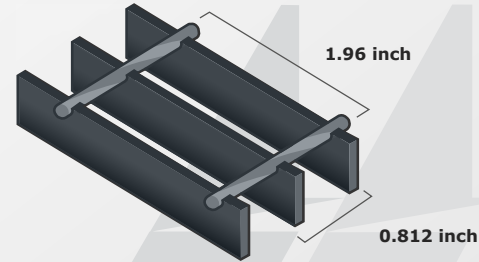
WE ARE MANUFACTURERS



ELECTROFORGED LIGHT TRAFFIC GRATING

TYPE
BEARING BAR
CROSS BAR
SURFACE
FINISHED
MANUFACTURING STANDARD
STEEL STANDARD
GALVANIZED STANDARD
WEIGHT KG/SQFT

W13 - 50
 1/8" X 3/4"
 0.263
 Plain
 Mill, painted, galvanized
 NAAMM MBG 531 - 17
 ASTM 1011/A36
 ASTM A -123
 2.64

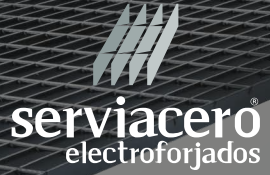


Loads calculated on the basis of nominal specifications of the materials, calculated distance based on truck load type H-20, another load consult engineering.

DEPTH inch	THICKNESS inch	SPAN inch				
		18	30	42	48	
0.75	0.125	U	2495	898	458	351
		Du	0.046	0.129	0.253	0.33
		C	1871	1123	802	702
		Dc	0.037	0.103	0.202	0..264

- U: Uniform load (Kg/Sqft)
- Du: Uniform load deflection (ft)
- C: Concentrated load at mid-span (Kg/ft)
- DC: Concentrated load at mid-span (Kg/ft)

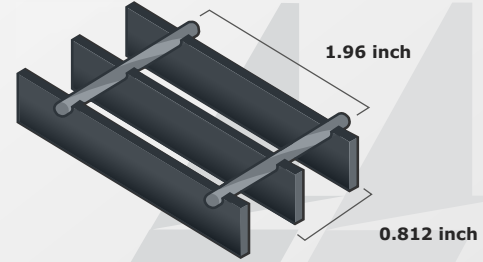
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ELECTROFORGED LIGHT TRAFFIC GRATING

TYPE
BEARING BAR
CROSS BAR
SURFACE
FINISHED
MANUFACTURING STANDARD
STEEL STANDARD
GALVANIZED STANDARD
WEIGHT KG/SQFT

W19 - 50
 1/8" X 1 1/4"
 0.263
 Plain, Serrated
 Mill, painted, galvanized
 NAAMM MBG 531 - 17
 ASTM 1011/A36
 ASTM A -123
 4.08



Loads calculated on the basis of nominal specifications of the materials, calculated distance based on truck load type H-20, another load consult engineering.

DEPHT inch	THICKNESS inch	SPAN inch							
		18	30	42	48	60	66	72	
1.25	0.125	U	2495	898	458	351	225	186	156
		Du	0.046	0.129	0.253	0.33	0.517	0.626	0.743
		C	1871	1123	802	702	561	510	468
		Dc	0.037	0.103	0.202	0.264	0.413	0.499	0.595

For serrated grating, the depth of grating required for a specified load is 6 mm (1/4") greater than in the table.

- U: Uniform load (Kg/Sqft)
- DU: Uniform load deflection (ft)
- C: Concentrated load at mid-span (Kg/ft)
- DC: Concentrated load at mid-span (Kg/ft)

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 www.serviacero.com/electroforjados



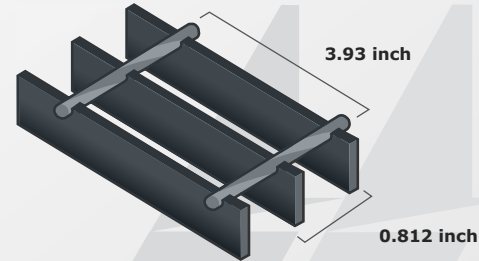
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TYPE
BEARING BAR
CROSS BAR
SURFACE
FINISHED
MANUFACTURING STANDARD
STEEL STANDARD
GALVANIZED STANDARD
WEIGHT KG/SQFT

W16 - 100
 1/8" X 1 1/2"
 0.263
 Plain
 Mill, painted, galvanized
 NAAMM MBG 531 - 17
 ASTM 1011/A36
 ASTM A - 123
 3.94



Loads calculated on the basis of nominal specifications of the materials, calculated distance based on truck load type H-20, another load consult engineering.

DEPHT inch	THICKNESS inch		SPAN inch									
			18	30	42	48	60	66	72	84	90	96
38.01	3.175	U	2495	898	458	351	225	186	156	115	100	88
		Du	0.046	0.129	0.253	0.33	0.517	0.626	0.743	1.015	1.163	1.325
		C	1871	1123	802	702	561	510	468	401	374	351
		Dc	0.037	0.103	0.202	0.264	0.413	0.499	0.595	0.809	0.928	1.057

For serrated grating, the depth of grating required for a specified load is 1/4" greater than in the table.

- U: Uniform load (Kg/Sqft)
- DU: Uniform load deflection (ft)
- C: Concentrated load at mid-span (Kg/ft)
- DC: Concentrated load at mid-span (Kg/ft)

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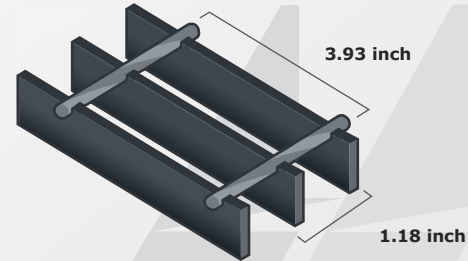
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ELECTROFORGED LIGHT TRAFFIC GRATING

TYPE
BEARING BAR
CROSS BAR
SURFACE
FINISHED
MANUFACTURING STANDARD
STEEL STANDARD
GALVANIZED STANDARD
WEIGHT KG/SQFT

W19 - 4
 1/8" X 1 1/2"
 0.263
 Plain, Serrated
 Mill, painted, galvanized
 NAAMM MBG 531 - 17
 ASTM 1011/A36
 ASTM A -123
 3.24



Loads calculated on the basis of nominal specifications of the materials, calculated distance based on truck load type H-20, another load consult engineering.

DEPTH inch	THICKNESS inch	SPAN inch										
		18	30	42	48	60	66	72	84	90	96	
1.5	0.125	U	2495	898	458	351	225	186	156	115	100	88
		Du	0.046	0.129	0.253	0.33	0.33	0.626	0.743	1015	1.163	1.325
		C	1871	1123	802	702	702	510	468	401	374	351
		Dc	0.037	0.103	0.202	0.264	0.264	0.499	0.595	0.809	0.928	1.057

In toothed grid consider a 1/4" cant greater than required to support the indicated load.

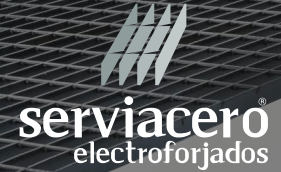
For serrated grating, the depth of grating required for a specified load is 6 mm (1/4") greater than in the table.

- U: Uniform load (Kg/Sqft)
- DU: Uniform load deflection (ft)
- C: Concentrated load at mid-span (Kg/ft)
- DC: Concentrated load at mid-span (Kg/ft)

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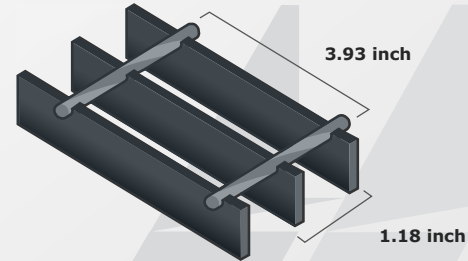
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BEARING BAR
CROSS BAR
SURFACE
FINISHED
MANUFACTURING STANDARD
STEEL STANDARD
GALVANIZED STANDARD
WEIGHT KG/SQFT

W19 - 4
1/8" X 1 1/4"
0.263
Plain, Serrated
Mill, painted, galvanized
NAAMM MBG 531 - 17
ASTM 1011/A36
ASTM A -123
2.74



Loads calculated on the basis of nominal specifications of the materials, calculated distance based on truck load type H-20, another load consult engineering.

DEPHT inch	THICKNESS inch	SPAN inch								
		18	30	42	48	60	66	72		
1.25	0.125	U	2495	898	458	351	225	186	156	In toothed grid consider a 1/4" cant greater than required to support the indicated load.
		Du	0.046	0.129	0.253	0.33	0.517	0.626	0.743	
		C	1871	1123	802	702	561	510	468	
		Dc	0.037	0.103	0.202	0.264	0.413	0.499	0.595	

- U: Uniform load (Kg/Sqft)
- DU:Uniform load deflection (ft)

- C: Concentrated load at mid-span (Kg/ft)
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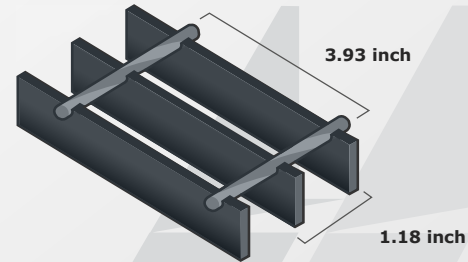
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TYPE
BEARING BAR
CROSS BAR
SURFACE
FINISHED
MANUFACTURING STANDARD
STEEL STANDARD
GALVANIZED STANDARD
WEIGHT KG/SQFT

W19 - 4
 1/8" X 1"
 0.263
 Plain, Serrated
 Mill, painted, galvanized
 NAAMM MBG 531 - 17
 ASTM 1011/A36
 ASTM A -123
 2.74



Loads calculated on the basis of nominal specifications of the materials, calculated distance based on truck load type H-20, another load consult engineering.

DEPHT inch	THICKNESS inch	SPAN inch						
		18	30	42	48	60	66	
1	0.125	U	2495	898	458	351	225	186
		Du	0.046	0.129	0.253	0.33	0.517	0.626
		C	1871	1123	802	702	561	510
		Dc	0.037	0.103	0.202	0.264	0.413	0.499

In toothed grid consider a 1/4" cant greater than required to support the indicated load.

- U: Uniform load (Kg/Sqft)
- Du: Uniform load deflection (ft)
- C: Concentrated load at mid-span (Kg/ft)
- DC: Concentrated load at mid-span (Kg/ft)

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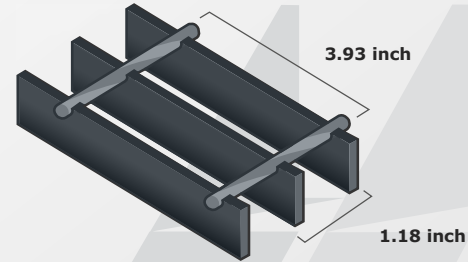
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TYPE
BEARING BAR
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FINISHED
MANUFACTURING STANDARD
STEEL STANDARD
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WEIGHT KG/SQFT

W19 - 4
 1/8" X 3/4"
 0.263
 Plain
 Mill, painted, galvanized
 NAAMM MBG 531 - 17
 ASTM 1011/A36
 ASTM A -123
 1.74



Loads calculated on the basis of nominal specifications of the materials, calculated distance based on truck load type H-20, another load consult engineering.

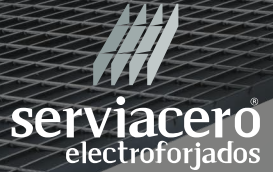
DEPHT inch	THICKNESS inch	SPAN inch					
		18	30	42	48		
0.75	0.125	U	2495	898	458	351	In toothed grid consider a 1/4 "cant greater than required to support the indicated load.
		Du	0.046	0.129	0.253	0.33	
		C	1871	1123	802	702	
		Dc	0.037	0.103	0.202	0.264	

- U: Uniform load (Kg/Sqft)
- DU: Uniform load deflection (ft)
- C: Concentrated load at mid-span (Kg/ft)
- DC: Concentrated load at mid-span (Kg/ft)

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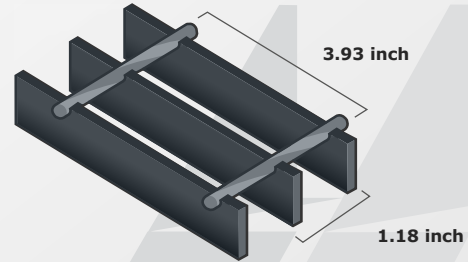
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TYPE
BEARING BAR
CROSS BAR
SURFACE
FINISHED
MANUFACTURING STANDARD
STEEL STANDARD
GALVANIZED STANDARD
WEIGHT KG/SQFT

W19 - 4
3/16" X 1 1/2"
0.263
Plain, Serrated
Mill, painted, galvanized
NAAMM MBG 531 - 17
ASTM 1011/A36
ASTM A -123
4.73



Loads calculated on the basis of nominal specifications of the materials, calculated distance based on truck load type H-20, another load consult engineering.

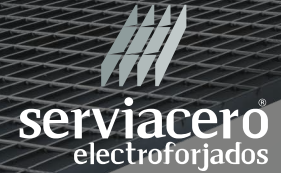
DEPHT inch	THICKNESS inch	SPAN inch										
		18	30	42	48	60	66	72	84	90	96	
38.1	4.76	U	2495	898	458	351	225	186	156	115	100	88
		Du	0.046	0.129	0.253	0.33	0.517	0.626	0.743	1.015	1.163	1.325
		C	1871	1123	802	702	561	510	468	401	374	351
		Dc	0.037	0.103	0.202	0.264	0.413	0.499	0.595	0.809	0.928	1.057

- U: Uniform load (Kg/Sqft)
- C: Concentrated load at mid-span (Kg/ft)
- Du: Uniform load deflection (ft)
- Dc: Concentrated load at mid-span (Kg/ft)

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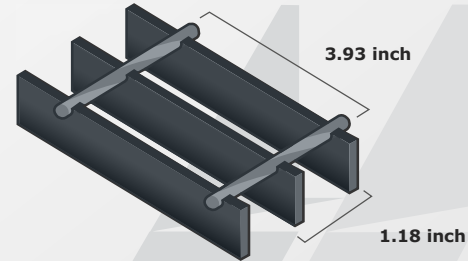
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ELECTROFORGED LIGHT TRAFFIC GRATING

TYPE
BEARING BAR
CROSS BAR
SURFACE
FINISHED
MANUFACTURING STANDARD
STEEL STANDARD
GALVANIZED STANDARD
WEIGHT KG/SQFT

W19 - 4
 3/16" X 1 1/4"
 0.263
 Plain, Serrated
 Mill, painted, galvanized
 NAAMM MBG 531 - 17
 ASTM 1011/A36
 ASTM A -123
 3.99



Loads calculated on the basis of nominal specifications of the materials, calculated distance based on truck load type H-20, another load consult engineering.

DEPTH inch	THICKNESS inch	SPAN inch								
		18	30	42	48	60	66	72		
1.25	0.18	U	2495	898	458	351	225	186	156	In toothed grid consider a 1/4" cant greater than required to support the indicated load.
		Du	0.046	0.129	0.253	0.33	0.517	0.626	0.743	
		C	1871	1123	802	702	561	510	468	
		Dc	0.037	0.103	0.202	0.264	0.413	0.499	0.595	

- U: Uniform load (Kg/Sqft)
- DU: Uniform load deflection (ft)
- C: Concentrated load at mid-span (Kg/ft)
- DC: Concentrated load at mid-span (Kg/ft)

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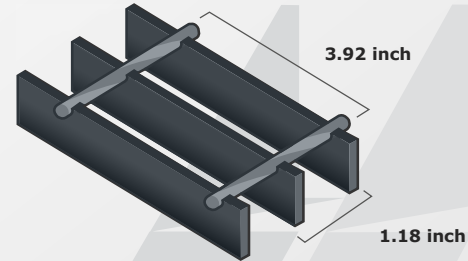
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ELECTROFORGED LIGHT TRAFFIC GRATING

TYPE
BEARING BAR
CROSS BAR
SURFACE
FINISHED
MANUFACTURING STANDARD
STEEL STANDARD
GALVANIZED STANDARD
WEIGHT KG/SQFT

W19 - 4
3/16" X 1 3/4"
0.28
Plain
Mill, painted, galvanized
NAAMM MBG 531 - 17
ASTM 1011/A36
ASTM A - 123
5.55



Loads calculated on the basis of nominal specifications of the materials, calculated distance based on truck load type H-20, another load consult engineering.

DEPHT inch	THICKNESS inch	SPAN inch										
		18	30	42	48	60	66	72	84	90	96	
1.75	0.18	U	2495	898	458	351	225	186	156	115	100	88
		Du	0.046	0.129	0.253	0.33	0.517	0.626	0.743	1.105	1.163	1.325
		C	1871	1123	802	702	561	510	468	401	374	351
		Dc	0.037	0.103	0.202	0.264	0.413	0.499	0.595	0.809	0.928	1.057

For serrated grating, the depth of grating required for a specified load is 1/4" greater than in the table.

- U: Uniform load (Kg/Sqft)
- DU: Uniform load deflection (ft)
- C: Concentrated load at mid-span (Kg/ft)
- DC: Concentrated load at mid-span (Kg/ft)

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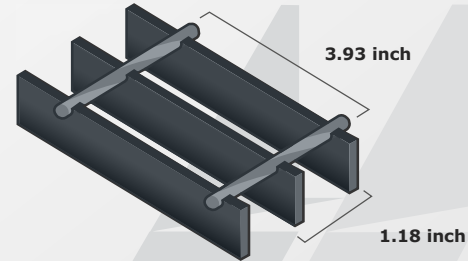
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ELECTROFORGED LIGHT TRAFFIC GRATING

TYPE
BEARING BAR
CROSS BAR
SURFACE
FINISHED
MANUFACTURING STANDARD
STEEL STANDARD
GALVANIZED STANDARD
WEIGHT KG/SQFT

W19 - 4
 3/16" X 1"
 0.263
 Plain, Serrated
 Mill, painted, galvanized
 NAAMM MBG 531 - 17
 ASTM 1011/A36
 ASTM A -123
 3.24



Loads calculated on the basis of nominal specifications of the materials, calculated distance based on truck load type H-20, another load consult engineering.

DEPHT inch	THICKNESS inch		SPAN inch						
			18	30	42	48	60		66
0.75	0.18	U	2495	898	458	351	225	186	In toothed grid consider a 1/4" cant greater than required to support the indicated load.
		Du	0.046	0.129	0.253	0.33	0.517	0.626	
		C	1871	1123	802	702	561	510	
		Dc	0.037	0.103	0.202	0.264	0.413	0.499	

- U: Uniform load (Kg/Sqft)
- C: Concentrated load at mid-span (Kg/ft)
- Du: Uniform load deflection (ft)
- DC: Concentrated load at mid-span (Kg/ft)

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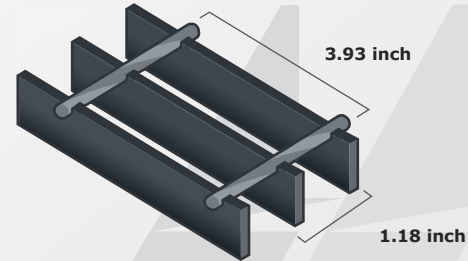
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ELECTROFORGED LIGHT TRAFFIC GRATING

TYPE
BEARING BAR
CROSS BAR
SURFACE
FINISHED
MANUFACTURING STANDARD
STEEL STANDARD
GALVANIZED STANDARD
WEIGHT KG/SQFT

W19 - 4
 3/16" X 2 1/2"
 0.28
 Plain, Serrated
 Mill, painted, galvanized
 NAAMM MBG 531 - 17
 ASTM 1011/A36
 ASTM A - 123
 7.79



Loads calculated on the basis of nominal specifications of the materials, calculated distance based on truck load type H-20, another load consult engineering.

DEPTH inch	THICKNESS inch	SPAN inch										
		18	30	42	48	60	66	72	84	90	96	
2.5	0.18	U	2495	898	458	351	225	186	156	115	100	88
		Du	0.046	0.129	0.253	0.33	0.517	0.626	0.743	1.015	1.163	1.325
		C	1871	1123	802	702	561	510	468	401	374	351
		Dc	0.037	0.103	0.202	0.264	0.413	0.499	0.595	0.809	0.928	1.057

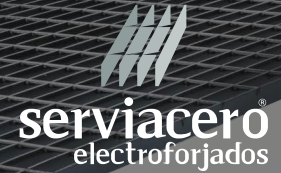
For serrated grating, the depth of grating required for a specified load is 1/4" greater than in the table.

- U: Uniform load (Kg/Sqft)
- DU: Uniform load deflection (ft)
- C: Concentrated load at mid-span (Kg/ft)
- DC: Concentrated load at mid-span (Kg/ft)

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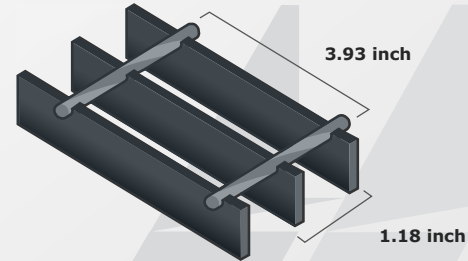
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ELECTROFORGED LIGHT TRAFFIC GRATING

TYPE
BEARING BAR
CROSS BAR
SURFACE
FINISHED
MANUFACTURING STANDARD
STEEL STANDARD
GALVANIZED STANDARD
WEIGHT KG/SQFT

W19 - 4
 3/16" X 2 1/4"
 0.28
 Plain, Serrated
 Mill, painted, galvanized
 NAAMM MBG 531 - 17
 ASTM 1011/A36
 ASTM A - 123
 7.04



Loads calculated on the basis of nominal specifications of the materials, calculated distance based on truck load type H-20, another load consult engineering.

DEPTH inch	THICKNESS inch	SPAN inch										
		18	30	42	48	60	66	72	84	90	96	
2.25	0.18	U	2496	898	458	351	225	186	156	115	100	88
		Du	0.046	0.129	0.253	0.33	0.517	0.626	0.743	1.015	1.163	1.325
		C	1871	1123	802	702	561	510	468	401	374	351
		Dc	0.037	0.103	0.202	0.264	0.413	0.499	0.595	0.809	0.928	1.057

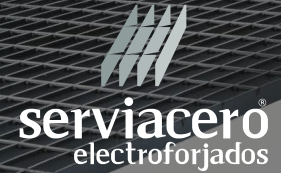
For serrated grating, the depth of grating required for a specified load is 1/4" greater than in the table.

- U: Uniform load (Kg/Sqft)
- DU: Uniform load deflection (ft)
- C: Concentrated load at mid-span (Kg/ft)
- DC: Concentrated load at mid-span (Kg/ft)

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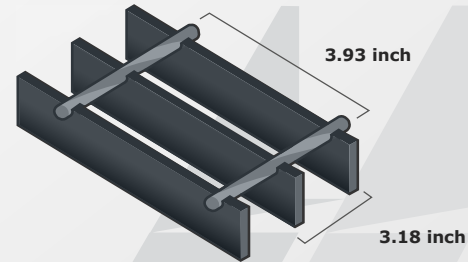
WE ARE MANUFACTURERS



ELECTROFORGED LIGHT TRAFFIC GRATING

TYPE
BEARING BAR
CROSS BAR
SURFACE
FINISHED
MANUFACTURING STANDARD
STEEL STANDARD
GALVANIZED STANDARD
WEIGHT KG/SQFT

W19 - 4
 3/16" X 2"
 0.28
 Plain, Serrated
 Mill, painted, galvanized
 NAAMM MBG 531 - 17
 ASTM 1011/A36
 ASTM A - 123
 6.29



Loads calculated on the basis of nominal specifications of the materials, calculated distance based on truck load type H-20, another load consult engineering.

DEPHT inch	THICKNESS inch	SPAN inch										
		18	30	42	48	60	66	72	84	90	96	
2	0.18	U	2495	898	458	351	225	186	156	115	100	88
		Du	0.046	0.129	0.253	0.33	0.517	0.626	0.743	1.015	1.163	1.325
		C	1871	1123	802	702	561	510	468	401	374	351
		Dc	0.037	0.103	0.202	0.264	0.413	0.499	0.595	0.809	0.928	1.057

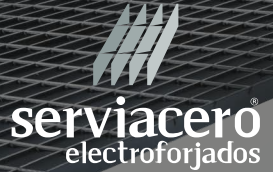
For serrated grating, the depth of grating required for a specified load is 1/4" greater than in the table.

- U: Uniform load (Kg/Sqft)
- C: Concentrated load at mid-span (Kg/ft)
- Du: Uniform load deflection (ft)
- DC: Concentrated load at mid-span (Kg/ft)

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 electroforjados@serviacero.com
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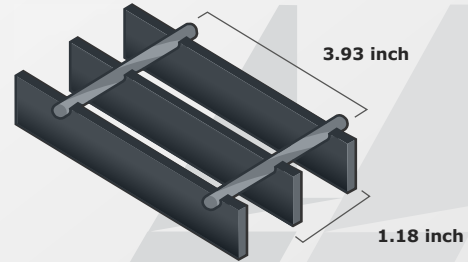
WE ARE MANUFACTURERS



ELECTROFORGED LIGHT TRAFFIC GRATING

TYPE
BEARING BAR
CROSS BAR
SURFACE
FINISHED
MANUFACTURING STANDARD
STEEL STANDARD
GALVANIZED STANDARD
WEIGHT KG/SQFT

W19 - 4
 3/16" X 3/4"
 0.26
 Plain
 Mill, painted, galvanized
 NAAMM MBG 531 - 17
 ASTM 1011/A36
 ASTM A -123
 2.49



Loads calculated on the basis of nominal specifications of the materials, calculated distance based on truck load type H-20, another load consult engineering.

DEPHT inch	THICKNESS inch	SPAN inch					
		18	30	42	48		
0.75	0.18	U	2495	898	458	351	In toothed grid consider a 1/4" cant greater than required to support the indicated load.
		Du	0.046	0.129	0.253	0.33	
		C	1871	1123	802	702	
		Dc	0.037	0.103	0.202	0.264	

- U: Uniform load (Kg/Sqft)
- C: Concentrated load at mid-span (Kg/ft)
- DU: Uniform load deflection (ft)
- DC: Concentrated load at mid-span (Kg/ft)

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