



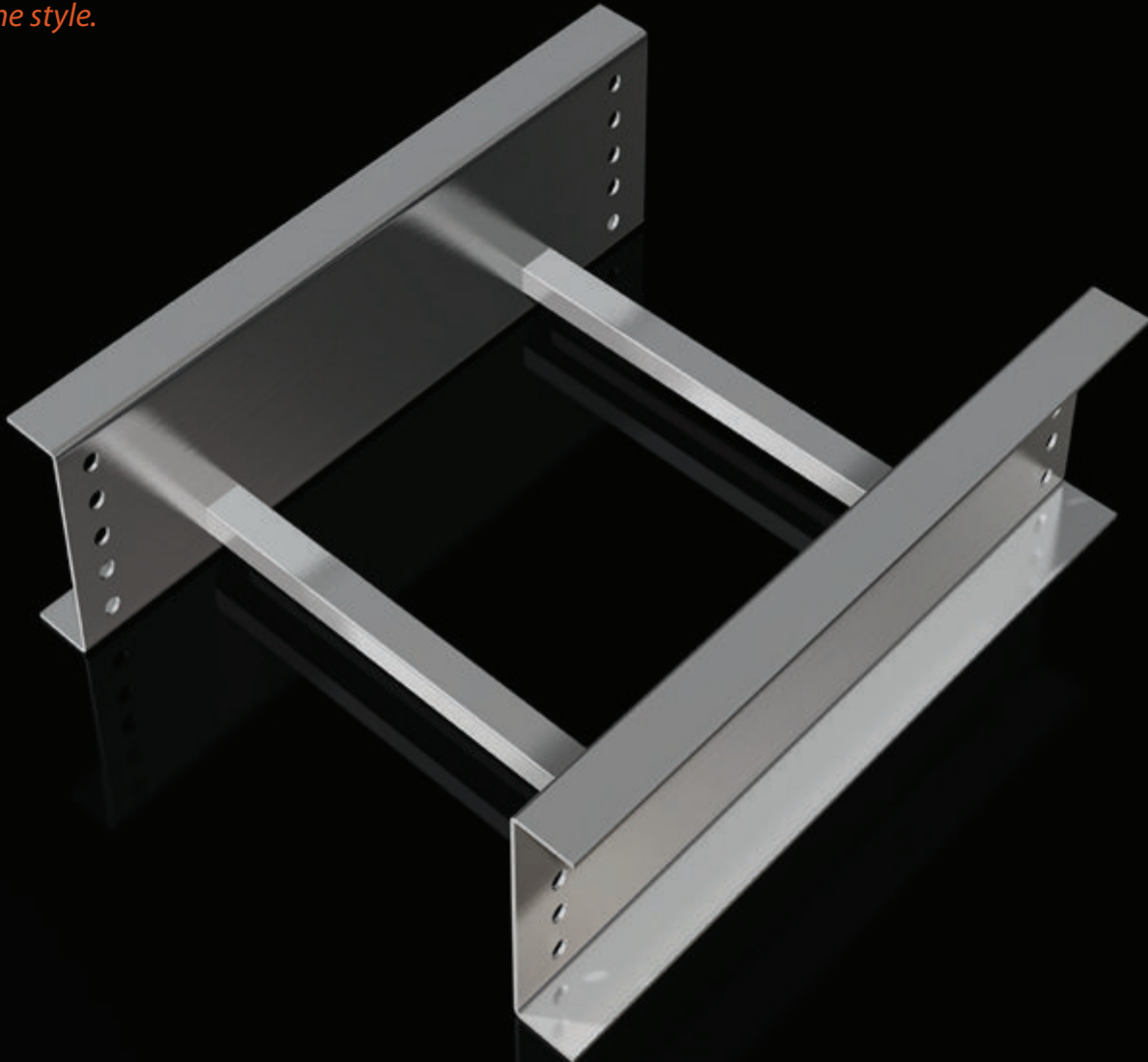
MP HUSKY[™]
CABLE TRAY & CABLE BUS

Husky Ladder Flange-Out

In Aluminum, Steel

Selection Tables	Pg. 29
Numbering System.....	Pg. 30
Loading Tables.....	Pgs. 31-35

The upper flange may have an extruded lip, a bent lip, or no lip at all depending on the style.



Selection Tables

(For actual loading capacity see Load Tables in this section)

2-FLANGE OUT LADDER

NEMA Class	Load (lbs.) / Span (ft.)	Aluminum				Steel			
		Siderail Height (in.)	Load Depth	Top Flange Width	Prefix	Siderail Height (in.)	Load Depth	Top Flange Width	Prefix
8A	50/8	4.50 6.00	3.50 5.00	.75 1.00	A()BB A()PB1	4.00 6.00	3.00 5.00	1.25 1.00	S()B2 S()P61
8B	75/8	4.50 6.00	3.50 5.00	.75 1.00	A()BB A()PB1	4.00 6.00	3.00 5.00	1.25 1.00	S()B2 S()P61
8C	100/8	4.50 6.00	3.50 5.00	.75 1.00	A()BB A()PB1	4.00 6.00	3.00 5.00	1.25 1.00	S()B2 S()P61
12A	50/12	4.50 6.00	3.50 5.00	.75 1.00	A()BB A()PB1	4.00 6.00	3.00 5.00	1.25 1.00	S()B2 S()P61
12B	75/12	4.50 6.00	3.50 5.00	.75 1.00	A()BB A()PB1	4.00 6.00	3.00 5.00	1.25 1.00	S()B2 S()P61
12C	100/12	4.50 6.00	3.50 5.00	1.50 1.00	A()CA2 A()PB1	4.50 6.00 7.00	3.50 5.00 6.00	1.25 1.00 .75	S()FC S()P61 S()PD7
12C+	100+/12	6.00	5.00	1.25	A()PC	4.50 6.00 7.00	3.50 5.00 6.00	1.25 1.00 0.75	S()FC S()P61 S()PD74
16A	50/16	4.50 6.00	3.50 5.00	1.50 1.75	A()CA2 A()EA	4.50 6.25	3.50 5.25	1.75 1.75	S()CD S()EB
16B	75/16	4.50 6.00	3.50 5.00	1.50 1.75	A()CA2 A()EA	4.50 6.25	3.50 5.25	1.75 1.75	S()CD S()EB
16C	100/16	6.00 7.00	5.00 6.00	1.75 1.75	A()E A()E7	6.25 7.00	5.25 6.00	1.75 1.75	S()EB S()EB7
20A	50/20	4.50 6.00 7.00	3.50 5.00 6.00	1.50 1.75 1.75	A()CA2 A()EA A()E7	4.50 6.25 7.00	3.50 5.25 6.00	1.75 1.75 1.75	S()CD S()EB S()EB7
20B	75/20	6.00 7.00	5.00 6.00	1.75 1.75	A()E A()E7	6.25 7.00	5.25 6.00	1.75 1.75	S()EB S()EB7
20C	100/20	6.00 7.00	5.00 6.00	1.75 1.75	A()E1 A()E71	6.25 7.00	5.25 6.00	1.75 1.75	S()ED S()EB7
20C+	100+/20	6.00 7.00	5.00 6.00	1.75 1.75	A()E1 A()E71	6.25 7.00	5.25 6.00	1.75 1.75	S()ED S()EB7
24B+	75/24					6.25 7.00	5.25 6.00	1.75 1.75	S()ED S()EB7

Husky Flange-Out Ladder has the exclusive Thru-Weld construction—this completely welds rungs to the outside of the rails for optimum structural integrity and reduced side rail rotation.



Numbering System

A9BB-24-144				
A	9	BB-	24-	144
Material	Rung Spacing	Tray Type	Width in Inches	Length in Inches

2-FLANGE OUT LADDER

Materials:
A=Aluminum
S=HDGAF Steel

Rung Spacing:
 6"
 9"
 12"
 18"

Tray Types:
Aluminum
 BB,CA2,EA,PB1,PC,E,E1,E7,E71
Steel
 B2,FC,CD,EB,EC,ED,P61,PD4,PD7,PD74,EB7,

Widths:
 6"
 9"
 12"
 18"
 24"
 30"
 36"

Lengths:
 BB,PB1,PC,B2,FC,P61,PD4, PD7,PD74 are available in 10' (120") or 12' (144").
 All others available in 10' (120"), 12' (144"), 20'(240") & 24'(288")

Other Technical Data



Depth:

4, 6, and 7

Fittings:

12, 24, or 36 inch standard radii (See Section 10 for details)

Splice Plates:

Straight sections and fittings are supplied with splice plates and hardware. (See Section 11 for details)

Safety Factor:

1.5 NEMA Standard

Rung Options:

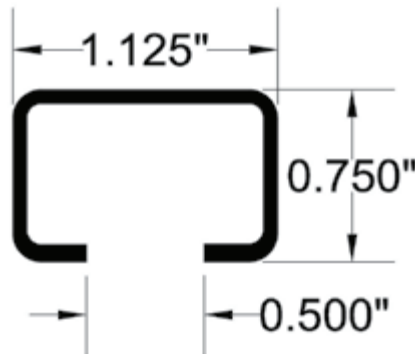
Flange-Out tray can be supplied with optional slotted rungs for ease of securing cables with tie wraps or accessories.

(For other tray sizes or specifications, please consult the factory)



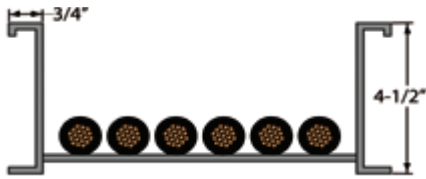
To ensure data available is most current, please visit www.MPHUSKY.com

Rung Dimensions



A () BB

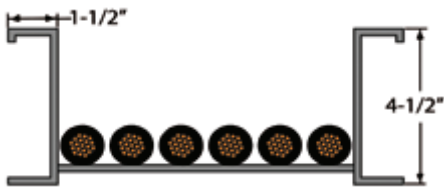
Use ALBB fittings

NEMA 12B/CSA C


Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	675	0.14	300	0.32	169	0.57	108	0.89	75	1.28
9	662*	0.14	300	0.32	169	0.57	108	0.89	75	1.28
12	497*	0.10	300	0.32	169	0.57	108	0.89	75	1.28
18	331*	0.07	300	0.32	169	0.57	108	0.89	75	1.28
24	248*	0.05	248*	0.27	169	0.57	108	0.89	75	1.28
30	199*	0.04	199*	0.21	169	0.57	108	0.89	75	1.28
36	166*	0.03	166*	0.18	166*	0.56	108	0.89	75	1.28

A () CA2

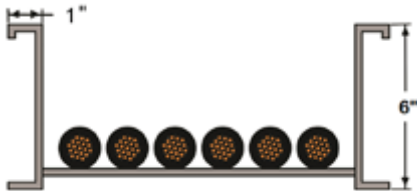
Use ALCA2 fittings

NEMA 20A, 16B, 12C+


Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	139	1.63	102	2.22	78	2.90	62	3.67	50	4.53
9	139	1.63	102	2.22	78	2.90	62	3.67	50	4.53
12	139	1.63	102	2.22	78	2.90	62	3.67	50	4.53
18	139	1.63	102	2.22	78	2.90	62	3.67	50	4.53
24	139	1.63	102	2.22	78	2.90	62	3.67	50	4.53
30	139	1.63	102	2.22	78	2.90	62	3.67	50	4.53
36	139	1.63	102	2.22	78	2.90	62	3.67	50	4.53

A () PB1

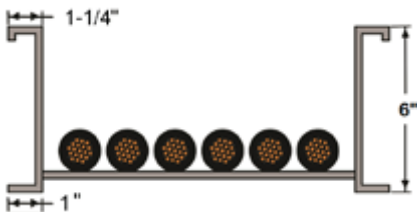
Use ALPB1 fittings

NEMA 12C


Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	981	0.09	436	0.20	245	0.36	157	0.56	109	0.80
9	662*	0.06	436	0.20	245	0.36	157	0.56	109	0.80
12	497*	0.05	436	0.20	245	0.36	157	0.56	109	0.80
18	331*	0.04	331*	0.15	245	0.36	157	0.56	109	0.80
24	248*	0.03	248*	0.11	245	0.36	157	0.56	109	0.80
30	199*	0.02	199*	0.09	199*	0.27	157	0.56	109	0.80
36	166*	0.02	166*	0.07	166*	0.55	157	0.56	109	0.80

A () PC

Use ALPC fittings

NEMA 12C+


Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	1143	0.10	508	0.22	286	0.39	183	0.61	127	0.87
9	662*	0.06	508	0.22	286	0.39	183	0.61	127	0.87
12	497*	0.04	508	0.22	286	0.39	183	0.61	127	0.87
18	331*	0.03	331*	0.14	286	0.39	183	0.61	127	0.87
24	248*	0.02	248*	0.11	286	0.39	183	0.61	127	0.87
30	199*	0.02	199*	0.09	199*	0.27	183	0.61	127	0.87
36	166*	0.02	166*	0.07	166*	0.55	166*	0.56	127	0.87

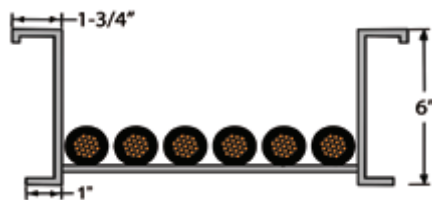
NOTE: Span length is indicated in feet. All other dimensions are in inches.

* Indicates that the load is limited by the load carrying capacity of the transverse member (rung).

A () EA

Use ALE fittings

NEMA 20A+, 16C, 12C+/CSA D

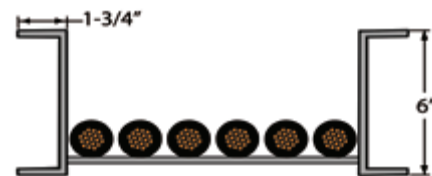


Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	167	0.72	122	0.97	94	1.28	74	1.62	60	1.99
9	167	0.72	122	0.97	94	1.28	74	1.62	60	1.99
12	167	0.72	122	0.97	94	1.28	74	1.62	60	1.99
18	167	0.72	122	0.97	94	1.28	74	1.62	60	1.99
24	167	0.72	122	0.97	94	1.28	74	1.62	60	1.99
30	167	0.72	122	0.97	94	1.28	74	1.62	60	1.99
36	166*	0.72	122	0.97	94	1.28	74	1.62	60	1.99

A () E

Use ALE fittings

NEMA 20B+, 16C+/CSA E

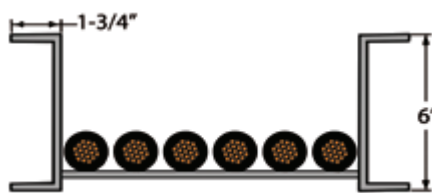


Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	236	1.05	174	1.42	132	1.87	105	2.35	85	2.90
9	236	1.05	174	1.42	132	1.87	105	2.35	85	2.90
12	236	1.05	174	1.42	132	1.87	105	2.35	85	2.90
18	236	1.05	174	1.42	132	1.87	105	2.35	85	2.90
24	236	1.05	174	1.42	132	1.87	105	2.35	85	2.90
30	199*	0.89	174	1.42	132	1.87	105	2.35	85	2.90
36	166*	0.74	166*	1.36	132	1.87	105	2.35	85	2.90

A () E1

Use ALE fittings

NEMA 20C+, 16C, 12C

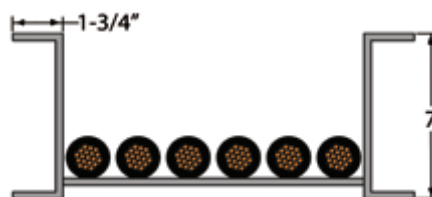


Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	314	1.27	231	1.73	177	2.26	140	2.86	113	3.53
9	314	1.27	231	1.73	177	2.26	140	2.86	113	3.53
12	314	1.27	231	1.73	177	2.26	140	2.86	113	3.53
18	314	1.27	231	1.73	177	2.26	140	2.86	113	3.53
24	248*	1.00	231	1.73	177	2.26	140	2.86	113	3.53
30	199*	0.81	199*	1.49	177	2.26	140	2.86	113	3.53
36	166*	0.67	166*	1.24	166*	2.12	140	2.86	113	3.53

A () E7

Use ALE7 fittings

NEMA 20B+, 16C+, 12C+

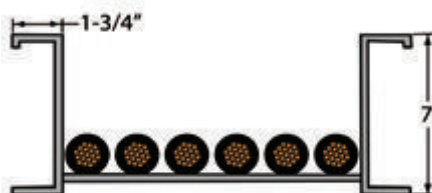


Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	261	0.74	192	1.00	147	1.30	116	1.65	94	2.04
9	261	0.74	192	1.00	147	1.30	116	1.65	94	2.04
12	261	0.74	192	1.00	147	1.30	116	1.65	94	2.04
18	261	0.74	192	1.00	147	1.30	116	1.65	94	2.04
24	248*	0.56	192	1.00	147	1.30	116	1.65	94	2.04
30	199*	0.56	192	1.00	147	1.30	116	1.65	94	2.04
36	166*	0.47	166*	0.87	147	1.30	116	1.65	94	2.04

A () E71

Use ALE7 fittings

NEMA 20C+, 16C+, 12C+



Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	317	0.79	233	1.07	178	1.40	141	1.77	114	2.19
9	317	0.79	233	1.07	178	1.40	141	1.77	114	2.19
12	317	0.79	233	1.07	178	1.40	141	1.77	114	2.19
18	317	0.79	233	1.07	178	1.40	141	1.77	114	2.19
24	248*	0.62	233	1.07	178	1.40	141	1.77	114	2.19
30	199*	0.50	199*	0.91	178	1.40	141	1.77	114	2.19
36	166*	0.41	166*	0.76	166*	1.20	141	1.77	114	2.19

NOTE: Span length is indicated in feet. All other dimensions are in inches.

* Indicates that the load is limited by the load carrying capacity of the transverse member (rung).

2-FLANGE OUT LADDER

S () B2

Use SLB2 fittings

NEMA 12B+

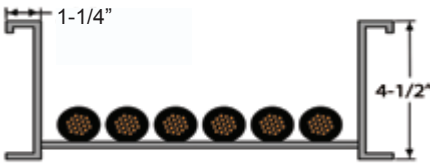


Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	810	0.09	360	0.20	203	0.35	130	0.55	90	0.71
9	749*	0.08	360	0.20	203	0.35	130	0.55	90	0.71
12	562*	0.06	360	0.20	203	0.35	130	0.55	90	0.71
18	375*	0.04	360	0.20	203	0.35	130	0.55	90	0.71
24	281*	0.03	281*	0.16	203	0.35	130	0.55	90	0.71
30	225*	0.03	225*	0.13	203	0.35	130	0.65	90	0.71
36	187*	0.02	187*	0.10	187*	0.32	130	0.65	90	0.71

S () FC

Use SLFC fittings

NEMA 12C+

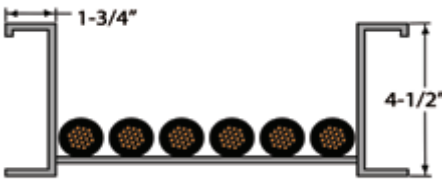


Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	1124*	0.09	580	0.23	326	0.40	209	0.63	145	0.90
9	749*	0.06	580	0.23	326	0.40	209	0.63	145	0.90
12	562*	0.05	562*	0.22	326	0.40	209	0.63	145	0.90
18	375*	0.03	375*	0.15	326	0.40	209	0.63	145	0.90
24	281*	0.02	281*	0.11	248	0.42	209	0.63	145	0.90
30	225*	0.02	225*	0.09	225*	0.29	209	0.63	145	0.90
36	187*	0.02	187*	0.07	187*	0.23	187*	0.56	145	0.90

S () CD

Use SLCD fittings

NEMA 20A, 16B, 12C+

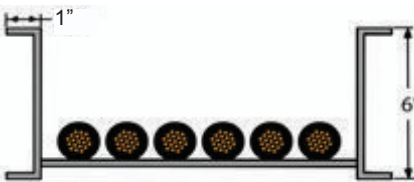


Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	147	0.77	108	1.05	83	1.37	65	1.74	53	2.15
9	147	0.77	108	1.05	83	1.37	65	1.74	53	2.15
12	147	0.77	108	1.05	83	1.37	65	1.74	53	2.15
18	147	0.77	108	1.05	83	1.37	65	1.74	53	2.15
24	147	0.77	108	1.05	83	1.37	65	1.74	53	2.15
30	147	0.77	108	1.05	83	1.37	65	1.74	53	2.15
36	147	0.77	108	1.05	83	1.37	65	1.74	53	2.15

S () P61

Use SLP61 fittings

NEMA 12C+

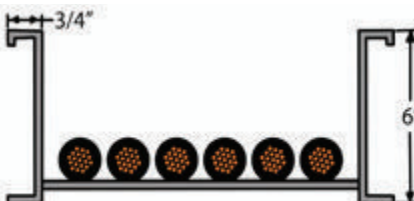


Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	1124*	0.05	520	0.12	293	0.21	187	0.33	130	0.48
9	749*	0.03	520	0.12	293	0.21	187	0.33	130	0.48
12	562*	0.03	520	0.12	293	0.21	187	0.33	130	0.48
18	375*	0.02	375*	0.09	293	0.21	187	0.33	130	0.48
24	281*	0.01	281*	0.07	196	0.17	187	0.33	130	0.48
30	225*	0.01	225*	0.05	196	0.17	187	0.33	130	0.48
36	187*	0.01	187*	0.04	187*	0.13	187	0.33	130	0.48

S () PD4

Use SLPD4 fittings

NEMA 12C+



Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	1124*	0.04	800	0.17	450	0.30	288	0.47	200	0.67
9	749*	0.03	749*	0.16	450	0.30	288	0.47	200	0.67
12	562*	0.02	562*	0.12	450	0.30	288	0.47	200	0.67
18	375*	0.01	375*	0.08	375*	0.25	288	0.47	200	0.67
24	281*	0.01	281*	0.06	281*	0.19	281*	0.46	200	0.67
30	225*	0.01	225*	0.05	225*	0.15	225*	0.37	200	0.67
36	187*	0.01	187*	0.04	187*	0.13	187*	0.31	187*	0.31

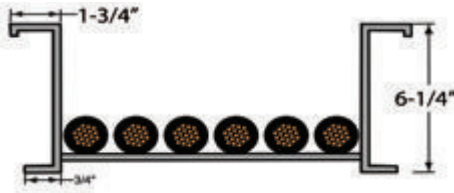
NOTE: Span length is indicated in feet. All other dimensions are in inches.

* Indicates that the load is limited by the load carrying capacity of the transverse member (rung).

S () EB

Use SLEB fittings

NEMA 20B+, 16C+, 12C+/CSA D

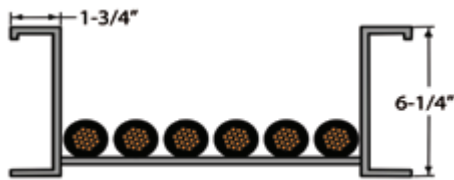


Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	236	0.71	173	0.97	133	1.27	105	1.61	85	1.99
9	236	0.71	173	0.97	133	1.27	105	1.61	85	1.99
12	236	0.71	173	0.97	133	1.27	105	1.61	85	1.99
18	236	0.71	173	0.97	133	1.27	105	1.61	85	1.99
24	236	0.71	173	0.97	133	1.27	105	1.61	85	1.99
30	225*	0.68	173	0.97	133	1.27	105	1.61	85	1.99
36	187*	0.56	173	0.97	133	1.27	105	1.61	85	1.99

S () ED

Use SLED fittings

NEMA 24B+, 20C

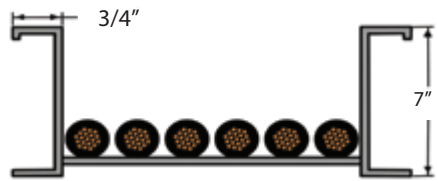


Span (ft.)	12		16		20		22		24	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	376	0.74	212	1.30	135	2.05	112	2.47	94	2.94
9	376	0.74	212	1.30	135	2.05	112	2.47	94	2.94
12	376	0.74	212	1.30	135	2.05	112	2.47	94	2.94
18	375*	0.74	212	1.30	135	2.05	112	2.47	94	2.94
24	281*	0.55	212	1.30	135	2.05	112	2.47	94	2.94
30	225*	0.44	212	1.30	135	2.05	112	2.47	94	2.94
36	187*	0.37	187*	1.15	135	2.05	112	2.47	94	2.94

S () PD7

Use SLPD7 fittings

NEMA 12C

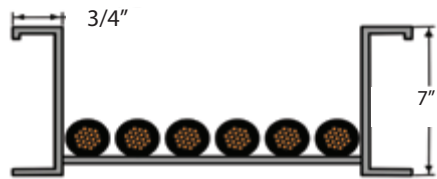


Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	900	0.03	400	0.07	225	0.12	144	0.19	100	0.28
9	749*	0.05	400	0.07	225	0.12	144	0.19	100	0.28
12	562*	0.02	400	0.07	225	0.12	144	0.19	100	0.28
18	375*	0.01	375*	0.07	225	0.12	144	0.19	100	0.28
24	281*	0.01	281*	0.07	225	0.12	144	0.19	100	0.28
30	225*	0.01	225*	0.05	225	0.12	144	0.19	100	0.28
36	187*	0.01	187*	0.05	187*	0.10	144	0.19	100	0.28

S () PD74

Use SLPD74 fittings

NEMA 12C+

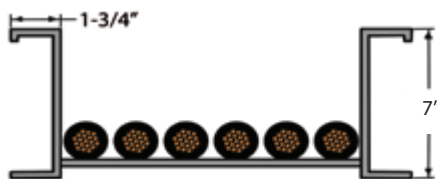


Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	1124*	0.04	840	0.12	473	0.21	302	0.33	210	0.47
9	749*	0.03	749*	0.11	473	0.21	302	0.33	210	0.47
12	562*	0.02	562*	0.08	473	0.21	302	0.33	210	0.47
18	375*	0.01	375*	0.05	375*	0.17	302	0.33	210	0.47
24	281*	0.01	281*	0.04	281*	0.13	281*	0.31	210	0.47
30	225*	0.01	225*	0.03	225*	0.10	225*	0.25	210	0.47
36	187*	0.01	187*	0.03	187*	0.08	187*	0.20	187*	0.42

S () EB7

Use SLEB7 fittings

NEMA 24B+, 20C+



Span (ft.)	12		16		20		22		24	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	380	0.67	214	1.19	137	1.86	103	2.05	86	2.44
9	380	0.67	214	1.19	137	1.86	103	2.05	86	2.44
12	380	0.67	214	1.19	137	1.86	103	2.05	86	2.44
18	375*	0.66	214	1.19	137	1.86	103	2.05	86	2.44
24	281*	0.50	214	1.19	137	1.86	103	2.05	86	2.44
30	225*	0.40	214	1.19	137	1.86	103	2.05	86	2.44
36	187*	0.33	187*	1.04	137	1.86	103	2.05	86	2.44

NOTE: Span length is indicated in feet. All other dimensions are in inches.
 * Indicates that the load is limited by the load carrying capacity of the transverse member (rung).



2-FLANGE OUT
LADDER