

Husky Ladder Flange Out

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In Aluminum, Steel and Stainless Steel



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

NEMA Class	Load	Support Span	Aluminum				Steel			
			Siderail Height (in.)	Load Depth	Top Flange Width	Prefix	Siderail Height (in.)	Load Depth	Top Flange Width	Prefix
8A	50lbs/ft	8ft	4.50	3.50	.75	A()BA	4.00	3.00	.75	S()B
			6.00	5.00	.75	A()PB	6.00	5.00	.75	S()P
8B	75lbs/ft	8ft	4.50	3.50	.75	A()BA	4.00	3.00	.75	S()B
			6.00	5.00	.75	A()PB	6.00	5.00	.75	S()P
8C	100lbs/ft	8ft	4.50	3.50	.75	A()BA	4.00	3.00	.75	S()B
			6.00	5.00	.75	A()PB	6.00	5.00	.75	S()P
12A	50lbs/ft	12ft	4.50	3.50	.75	A()BA	4.00	3.00	.75	S()B
			6.00	5.00	.75	A()PB	6.00	5.00	.75	S()P
12B	75lbs/ft	12ft	4.50	3.50	.75	A()BB	4.00	3.00	.75	S()B
			6.00	5.00	.75	A()PB	6.00	5.00	.75	S()P
12C	100lbs/ft	12ft	4.50	3.50	1.50	A()CA	4.50	3.50	.75	S()BC
			6.00	5.00	1.75	A()EA	6.00	5.00	.75	S()PD
16A	50lbs/ft	16ft	4.50	3.50	1.50	A()CA	4.50	3.50	1.75	S()CD
			6.00	5.00	1.75	A()EA	6.25	5.25	1.75	S()EB
16B	75lbs/ft	16ft	4.50	3.50	1.50	A()CA	4.50	3.50	1.75	S()CD
			6.00	5.00	1.75	A()EA	6.25	5.25	1.75	S()EB
16C	100lbs/ft	16ft	6.00	5.00	1.75	A()E	6.25	5.25	1.75	S()EB
20A	50lbs/ft	20ft	4.50	3.50	1.50	A()CA	4.50	3.50	1.75	S()CD
			6.00	5.00	1.75	A()EA	6.25	5.25	1.75	S()EB
20B	75lbs/ft	20ft	6.00	5.00	1.75	A()E	6.25	5.25	1.75	S()EB
			7.00	6.00	1.75	A()E7				
20C	100lbs/ft	20ft	6.00	5.00	1.75	A()E1	6.25	5.25	1.75	S()EC
			7.00	6.00	1.75	A()E71	6.25	5.25	1.75	S()EC
20C+	100+lbs/ft	20ft					6.25	5.25	1.75	S()ED
24C	100lbs/ft	24ft					6.25	5.25	1.75	S()ED

Husky 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

A9BA-24-144				
A	9	BA-	24-	144
Material	Rung Spacing	Tray Type	Width in Inches	Length in Inches
Materials: A=Aluminum S=HDGAF Steel	Rung Spacing: 6" 9" 12" 18"	Tray Types: Aluminum BA, BB, CA, EA, PB, E, E1, E7, E71 Steel B, BC, CD, EB, EC, ED, P, PD	Widths: 6" 9" 12" 18" 24" 30" 36"	Lengths: 12' (144") 24' (288") Optional—10' (120"), 20' (240")

ACCESSORIES

Other Technical Data



Depth:

4, 6, and 7

Fittings:

12, 24, or 36 inch standard radii (See Section 9 for details)

Splice Plates:

Straight sections and fittings are supplied with splice plates and hardware. (See Section 10 for details)

Safety Factor:

1.5 NEMA Standard

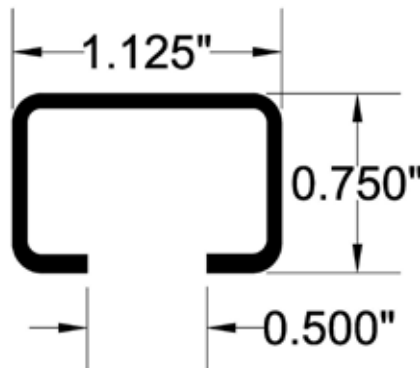
Rung Options:

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

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

Rung Dimensions

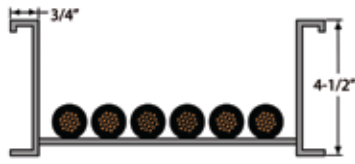
Flange Out tray can be supplied with optional slotted or strut type rungs for ease of securing cables with tie wraps, strut clamps or accessories. Details available online at mphusky.com.



A () BA

Use ALBA fittings

NEMA 12A

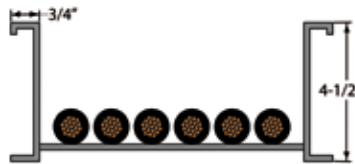


Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	540	0.15	240	0.34	135	0.61	86	0.96	60	1.38
9	540	0.15	240	0.34	135	0.61	86	0.96	60	1.38
12	497*	0.14	240	0.34	135	0.61	86	0.96	60	1.38
18	331*	0.09	240	0.34	135	0.61	86	0.96	60	1.38
24	248*	0.07	240	0.34	135	0.61	86	0.96	60	1.38
30	199*	0.06	199*	0.28	135	0.61	86	0.96	60	1.38
36	166*	0.05	166*	0.24	135	0.61	86	0.96	60	1.38

A () BB

Use ALBB fittings

NEMA 12B/CSA C

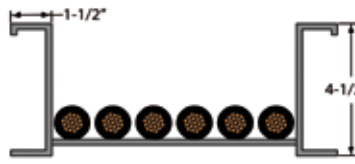


Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	675	0.14	300	0.32	169	0.57	108	0.89	75	1.28
9	662*	0.14	300	0.32	169	0.57	108	0.89	75	1.28
12	497*	0.10	300	0.32	169	0.57	108	0.89	75	1.28
18	331*	0.07	300	0.32	169	0.57	108	0.89	75	1.28
24	248*	0.05	248*	0.27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

A () CA

Use ALCA fittings

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

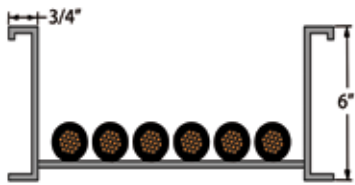


Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	139	1.63	102	2.22	78	2.90	62	3.67	50	4.53
9	139	1.63	102	2.22	78	2.90	62	3.67	50	4.53
12	139	1.63	102	2.22	78	2.90	62	3.67	50	4.53
18	139	1.63	102	2.22	78	2.90	62	3.67	50	4.53
24	139	1.63	102	2.22	78	2.90	62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

Use ALPB fittings

NEMA 12B

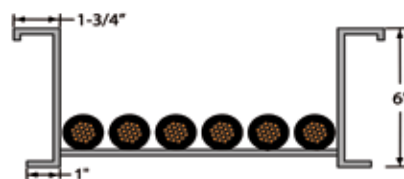


Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	675	0.06	300	0.15	169	0.27	108	0.43	75	0.62
9	662*	0.06	300	0.15	169	0.27	108	0.43	75	0.62
12	497*	0.04	300	0.15	169	0.27	108	0.43	75	0.62
18	331*	0.03	300	0.15	169	0.27	108	0.43	75	0.62
24	248*	0.02	248*	0.12	169	0.27	108	0.43	75	0.62
30	199*	0.02	199*	0.10	169	0.27	108	0.43	75	0.62
36	166*	0.02	166*	0.08	166*	0.27	108	0.43	75	0.62

A () EA

Use ALE fittings

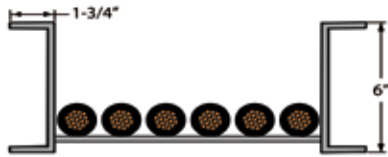
NEMA 20A, 16B, 12C/CSA D



Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	144	0.87	106	1.19	81	1.56	64	1.97	52	2.43
9	144	0.87	106	1.19	81	1.56	64	1.97	52	2.43
12	144	0.87	106	1.19	81	1.56	64	1.97	52	2.43
18	144	0.87	106	1.19	81	1.56	64	1.97	52	2.43
24	144	0.87	106	1.19	81	1.56	64	1.97	52	2.43
30	144	0.87	106	1.19	81	1.56	64	1.97	52	2.43
36	144	0.87	106	1.19	81	1.56	64	1.97	52	2.43

A () E Use ALE fittings

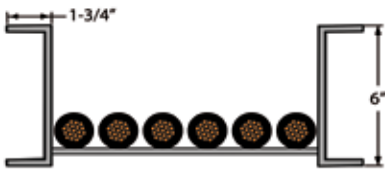
NEMA 20B, 16C/CSA E



Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	208	0.92	153	1.26	117	1.64	93	2.08	75	2.56
9	208	0.92	153	1.26	117	1.64	93	2.08	75	2.56
12	208	0.92	153	1.26	117	1.64	93	2.08	75	2.56
18	208	0.92	153	1.26	117	1.64	93	2.08	75	2.56
24	208	0.92	153	1.26	117	1.64	93	2.08	75	2.56
30	199*	0.88	153	1.26	117	1.64	93	2.08	75	2.56
36	166*	0.73	153	1.26	117	1.64	93	2.08	75	2.56

A () E1 Use ALE fittings

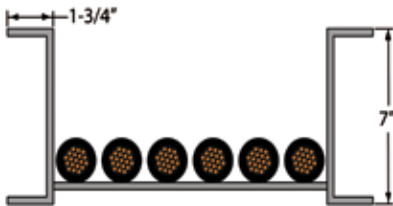
NEMA 20C, 16C, 12C



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

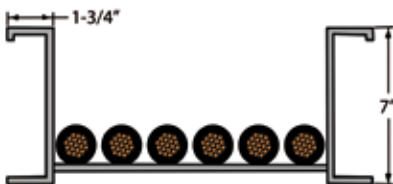
NEMA 20B, 16C, 12C



Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	247	0.69	182	0.94	139	1.22	110	1.55	89	1.93
9	247	0.69	182	0.94	139	1.22	110	1.55	89	1.93
12	247	0.69	182	0.94	139	1.22	110	1.55	89	1.93
18	247	0.69	182	0.94	139	1.22	110	1.55	89	1.93
24	247	0.69	182	0.94	139	1.22	110	1.55	89	1.93
30	199*	0.56	182	0.94	139	1.22	110	1.55	89	1.93
36	166*	0.46	166*	0.86	139	1.22	110	1.55	89	1.93

A () E71 Use ALE7 fittings

NEMA 20C, 16C



Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	278	0.69	204	0.94	156	1.23	123	1.56	100	1.92
9	278	0.69	204	0.94	156	1.23	123	1.56	100	1.92
12	278	0.69	204	0.94	156	1.23	123	1.56	100	1.92
18	278	0.69	204	0.94	156	1.23	123	1.56	100	1.92
24	248*	0.62	204	0.94	156	1.23	123	1.56	100	1.92
30	199*	0.49	199*	0.92	156	1.23	123	1.56	100	1.92
36	166*	0.39	166*	0.77	156	1.23	123	1.56	100	1.92

Example:

Part # A9BC-24-144				
A	9	BC-	24-	144
Material	Rung Spacing in Inches	Tray Type	Width in Inches	Length in Inches

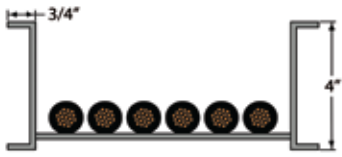
USE COLOR CODING TO ASSEMBLE PART NUMBER

ACCESSORIES

S () B

Use SLB fittings

NEMA 12B

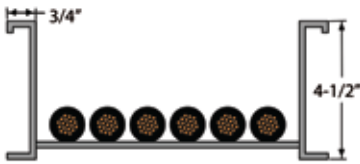


Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	675	0.10	300	0.24	169	0.42	108	0.65	75	0.94
9	675	0.10	300	0.24	169	0.42	108	0.65	75	0.94
12	562*	0.08	300	0.24	169	0.42	108	0.65	75	0.94
18	375*	0.06	300	0.24	169	0.42	108	0.65	75	0.94
24	281*	0.04	281*	0.23	169	0.42	108	0.65	75	0.94
30	225*	0.03	225*	0.18	169	0.42	108	0.65	75	0.94
36	187*	0.03	187*	0.15	169	0.42	108	0.65	75	0.94

S () BC

Use SLBC fittings

NEMA 12C

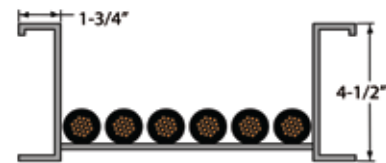


Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	990	0.11	440	0.24	248	0.42	158	0.66	110	0.94
9	749*	0.08	440	0.24	248	0.42	158	0.66	110	0.94
12	562*	0.06	440	0.24	248	0.42	158	0.66	110	0.94
18	375*	0.04	375*	0.21	248	0.42	158	0.66	110	0.94
24	281*	0.03	281*	0.15	248	0.42	158	0.66	110	0.94
30	225*	0.03	225*	0.12	225*	0.38	158	0.66	110	0.94
36	187*	0.02	187*	0.10	187*	0.32	158	0.66	110	0.94

S () CD

Use SLCD fittings

NEMA 20A, 16B, 12C

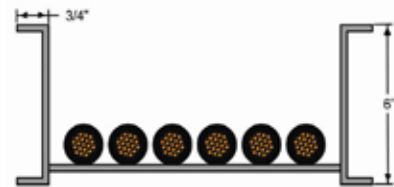


Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	147	0.77	108	1.05	83	1.37	65	1.74	53	2.15
9	147	0.77	108	1.05	83	1.37	65	1.74	53	2.15
12	147	0.77	108	1.05	83	1.37	65	1.74	53	2.15
18	147	0.77	108	1.05	83	1.37	65	1.74	53	2.15
24	147	0.77	108	1.05	83	1.37	65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

Use SLP fittings

NEMA 12B



Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	791	0.04	351	0.09	196	0.17	125	0.27	87	0.39
9	749*	0.04	351	0.09	196	0.17	125	0.27	87	0.39
12	562*	0.03	351	0.09	196	0.17	125	0.27	87	0.39
18	375*	0.02	351	0.09	196	0.17	125	0.27	87	0.39
24	281*	0.01	281*	0.07	196	0.17	125	0.27	87	0.39
30	225*	0.01	225*	0.06	196	0.17	125	0.27	87	0.39
36	187*	0.01	187*	0.05	187*	0.16	125	0.27	87	0.39

S () PD

Use SLPD fittings

NEMA 12C

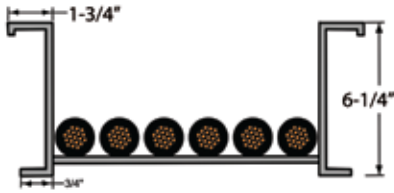


Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	1116	0.05	496	0.12	279	0.22	179	0.35	124	0.51
9	749*	0.03	496	0.12	279	0.22	179	0.35	124	0.51
12	562*	0.03	496	0.12	279	0.22	179	0.35	124	0.51
18	375*	0.02	375*	0.09	279	0.22	179	0.35	124	0.51
24	281*	0.01	281*	0.07	279	0.22	179	0.35	124	0.51
30	225*	0.01	225*	0.05	225*	0.18	179	0.35	124	0.51
36	187*	0.01	187*	0.05	187*	0.15	179	0.35	124	0.51

S () EB

Use SLEB fittings

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

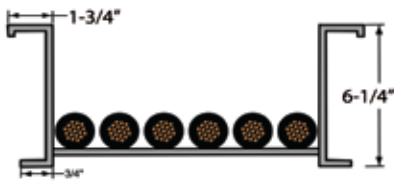


Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	236	0.71	173	0.97	133	1.27	105	1.61	85	1.99
9	236	0.71	173	0.97	133	1.27	105	1.61	85	1.99
12	236	0.71	173	0.97	133	1.27	105	1.61	85	1.99
18	236	0.71	173	0.97	133	1.27	105	1.61	85	1.99
24	236	0.71	173	0.97	133	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 () EC

Use SLEC fittings

NEMA 20C, CSA E

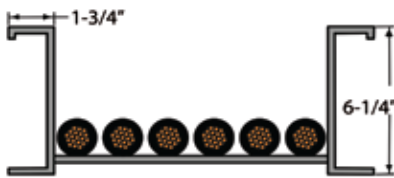


Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	328	0.80	241	1.09	184	1.43	146	1.81	118	2.24
9	328	0.80	241	1.09	184	1.43	146	1.81	118	2.24
12	328	0.80	241	1.09	184	1.43	146	1.81	118	2.24
18	328	0.80	241	1.09	184	1.43	146	1.81	118	2.24
24	281*	0.69	241	1.09	184	1.43	146	1.81	118	2.24
30	225*	0.55	225*	1.02	184	1.43	146	1.81	118	2.24
36	187*	0.46	187*	0.85	184	1.43	146	1.81	118	2.24

S () ED

Use SLED fittings

NEMA 24C, 20C+



Span (ft.)	12		16		20		22		24	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	425	0.83	239	1.48	153	2.31	126	2.79	106	3.32
9	425	0.83	239	1.48	153	2.31	126	2.79	106	3.32
12	425	0.83	239	1.48	153	2.31	126	2.79	106	3.32
18	375*	0.88	239	1.48	153	2.31	126	2.79	106	3.32
24	281*	0.55	239	1.48	153	2.31	126	2.79	106	3.32
30	225*	0.44	225*	1.39	153	2.31	126	2.79	106	3.32
36	187*	0.37	187*	1.16	153	2.31	126	2.79	106	3.32

Span length is indicated in feet. Load is in lbs. per ft. All other dimensions are in inches.
 *Indicates that the load is limited by the load carrying capacity of the transverse member (rung).
(Available Rung Spacing: 9", 12" and 18")

Example:

Part # A9BC-24-144				
S	9	BC-	24-	144
Material	Rung Spacing in Inches	Tray Type	Width in Inches	Length in Inches

USE COLOR CODING TO ASSEMBLE PART NUMBER