



MP HUSKY[™]
CABLE TRAY & CABLE BUS

Husky I-Beam Ventilated and Solid Bottom Trough

Aluminum

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Selection Tables

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

**6-I BEAM
TROUGH**

Aluminum I-Beam Tray						
NEMA Class	NEMA Load(lbs.)/ Span (ft.)	Tray Height	Load Depth	Top Flange Width	Prefix Vent Bottom	Prefix Solid Bottom
12A	50/12	4-1/2" 6"	3-1/2" 5"	1-1/4" 2"	AIJA AIMB	ASIJA ASIMB
12B	75/12	4-1/2" 6"	3-1/2" 5"	1-1/4" 2"	AIJB AIMB	ASIJB ASIMB
12C	100/12	4-1/2" 6"	3-1/2" 5"	1-1/4" 2"	AIJC AIMC	ASIJC ASIMC
12C+	100+/12	6"	5"	2"	AIMD	ASIMD
16C	100/16	4-1/2" 6"	3-1/2" 5"	2" 2"	AIYA AIXA	ASIYA ASIXA
20A	50/20	4-1/2" 6"	3-1/2" 5"	2" 2"	AIYA AIXA	ASIYA ASIXA
20B	75/20	4-1/2" 6"	3-1/2" 5"	2" 2"	AIYB AIXB	ASIYB ASIXB
20B+	75+/20	7"	6"	2"	AIXD7	ASIXD7
20C	100/20	4-1/2" 6" 7"	3-1/2" 5" 6"	2" 2" 2"	AIYC AIXC AIXD7	ASIYC ASIXC ASIXD7
20C+	100+/20	6" 6" 7"	5" 5" 6"	2" 3-1/2" 2"	AIXD AI6 AIXD7	ASIXD ASI6 ASIXD7
24B	75/24	7"	6"	2"	AIXD7	ASIXD7
24C+	100+/24	6"	5"	3-1/2"	AI6	ASI6
30C+	100+/30	8"	7"	3"	AI8	ASI8
20B+	75+/20	4-1/2" 6" 7"	3-1/2" 5" 6"	2" 2" 2"	AIYC AIXC AIXD7	ASIYC ASIXC ASIXD7

With a corrugated bottom that is 3 times stronger and 21 times stiffer than 14 GA. flat sheet bottoms.

Husky I-Beam Trough is the tray of choice for instrumentation, data transmission, and control cables.



Numbering System

Aluminum Ventilated Trough Numbering System

A4I8-36-288				
A	()	I8-	36-	288
Material	Bottom	Tray Type	Width in Inches	Length in Inches
Materials: A=Aluminum	Bottom 4 (4" Rung Spacing) Leave blank for 6-24" wide ventilated trough Insert "4" for 4" rung spacing	Tray Types: IJA,IJB,IJC IMB,IMC,IMD IYC,IYB IXA,IXB,IXC IXD,IXD7 I6 I8	Widths: 6 9 12 18 24 30 36	Lengths: IJA,IJB,IJC,IMB,IMC and IMD available in 10' (120") & 12' (144") only All others available in 10' (120"), 12' (144"), 20' (240") & 24' (288") I8 only available 30' (360")

G-I BEAM TROUGH

Other Technical Data



Depth:

4-1/2, 6, 7 & 8

Fittings:

12, 24 & 36 inch radius (See the Fittings Section 10 of this catalog)

Trough Bottoms:

Corrugation on 6-24 inch wide, 4 inch rung spacing on 30 & 36 inch wide

Splice Plates:

Bolted Splice Plates (See Section 11 for details)

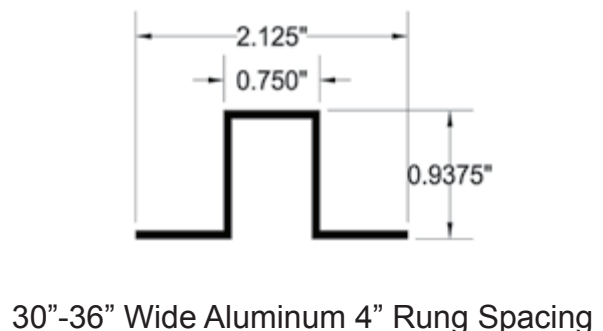
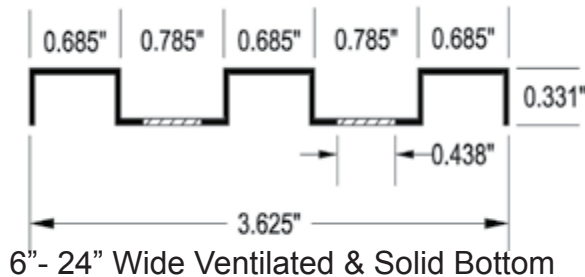
Safety Factor: 1.5

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

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



Bottom Dimensions

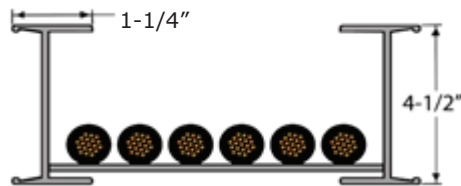


A IJA

 6-24 in only
Use AIJA fittings

A 4 IJA

 30 & 36 in only
Use A4IJA fittings

NEMA 12A


Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	513	0.09	228	0.19	128	0.34	82	0.53	57	0.77
9	513	0.09	228	0.19	128	0.34	82	0.53	57	0.77
12	457*	0.08	228	0.19	128	0.34	82	0.53	57	0.77
18	305*	0.05	228	0.19	128	0.34	82	0.53	57	0.77
24	229*	0.04	228	0.19	128	0.34	82	0.53	57	0.77
30	513	0.09	228	0.19	128	0.34	82	0.53	57	0.77
36	513	0.09	228	0.19	128	0.34	82	0.53	57	0.77

Blue = Corrugated Bottom

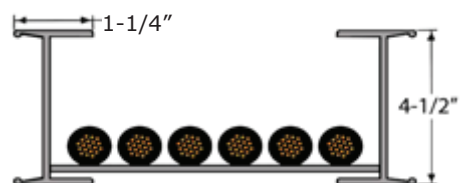
Red = 4" Rung Spacing

A IJB

 6-24 in only
Use AIJB fittings

A 4 IJB

 30 & 36 in only
Use A4IJB fittings

NEMA 12B+


Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	837	0.14	372	0.32	209	0.56	134	0.87	93	1.26
9	610*	0.10	372	0.32	209	0.56	134	0.87	93	1.26
12	457*	0.08	372	0.32	209	0.56	134	0.87	93	1.26
18	305*	0.05	305*	0.26	209	0.56	134	0.87	93	1.26
24	229*	0.04	229*	0.20	209	0.56	134	0.87	93	1.26
30	837	0.14	372	0.32	209	0.56	134	0.87	93	1.26
36	837	0.14	372	0.32	209	0.56	134	0.87	93	1.26

Blue = Corrugated Bottom

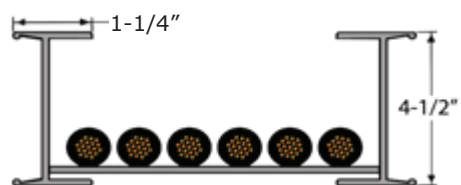
Red = 4" Rung Spacing

A IJC

 6-24 in only
Use AIJC fittings

A 4 IJC

 30 & 36 in only
Use A4IJC fittings

NEMA 12C


Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	900	0.13	400	0.29	225	0.52	144	0.82	100	1.18
9	610*	0.09	400	0.29	225	0.52	144	0.82	100	1.18
12	457*	0.08	400	0.29	225	0.52	144	0.82	100	1.18
18	305*	0.05	305*	0.22	225	0.52	144	0.82	100	1.18
24	229*	0.03	229*	0.17	225	0.52	144	0.82	100	1.18
30	900	0.13	400	0.29	225	0.52	144	0.82	100	1.18
36	900	0.13	400	0.29	225	0.52	144	0.82	100	1.18

Blue = Corrugated Bottom

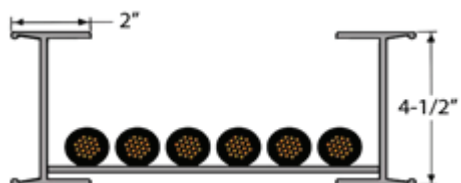
Red = 4" Rung Spacing

A IYA

 6-24 in only
Use AIYA fittings

A 4 IYA

 30 & 36 in only
Use A4IYA fittings

NEMA 20A+


Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	194	1.53	143	2.09	109	2.72	86	3.45	70	4.26
9	194	1.53	143	2.09	109	2.72	86	3.45	70	4.26
12	194	1.53	143	2.09	109	2.72	86	3.45	70	4.26
18	194	1.53	143	2.09	109	2.72	86	3.45	70	4.26
24	194	1.53	143	2.09	109	2.72	86	3.45	70	4.26
30	194	1.53	143	2.09	109	2.72	86	3.45	70	4.26
36	194	1.53	143	2.09	109	2.72	86	3.45	70	4.26

Blue = Corrugated Bottom

Red = 4" Rung Spacing

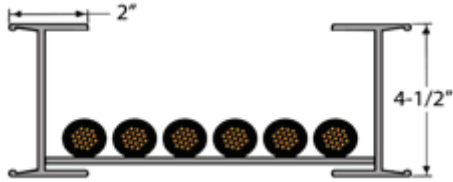
A IYB

6-24 in only
Use AIYB fittings

A 4 IYB

30 & 36 in only
Use A4IYB fittings

NEMA 20B



Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	208	1.64	153	2.23	117	2.92	93	3.69	75	4.56
9	208	1.64	153	2.23	117	2.92	93	3.69	75	4.56
12	208	1.64	153	2.23	117	2.92	93	3.69	75	4.56
18	208	1.64	153	2.23	117	2.92	93	3.69	75	4.56
24	208	1.64	153	2.23	117	2.92	93	3.69	75	4.56
30	208	1.64	153	2.23	117	2.92	93	3.69	75	4.56
36	208	1.64	153	2.23	117	2.92	93	3.69	75	4.56

Blue = Corrugated Bottom

Red = 4" Rung Spacing

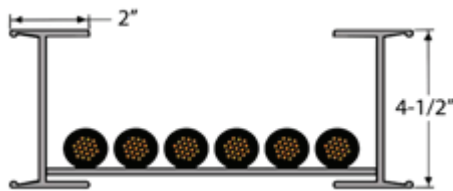
A IYC

6-24 in only
Use AIYC fittings

A 4 IYC

30 & 36 in only
Use A4IYC fittings

NEMA 20C, 20B+, 16C+



Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	278	1.99	204	2.70	156	3.53	123	4.47	100	5.52
9	278	1.99	204	2.70	156	3.53	123	4.47	100	5.52
12	278	1.99	204	2.70	156	3.53	123	4.47	100	5.52
18	278	1.99	204	2.70	156	3.53	123	4.47	100	5.52
24	229*	1.64	204	2.70	156	3.53	123	4.47	100	5.52
30	278	1.99	204	2.70	156	3.53	123	4.47	100	5.52
36	278	1.99	204	2.70	156	3.53	123	4.47	100	5.52

Blue = Corrugated Bottom

Red = 4" Rung Spacing

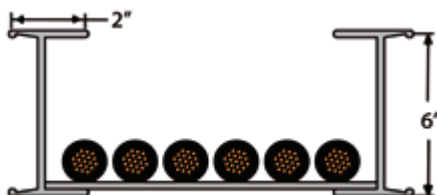
A IMB

6-24 in only
Use AIMB fittings

A 4 IMB

30 & 36 in only
Use A4IMB fittings

NEMA 12B+



Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	747	0.05	332	0.12	187	0.21	120	0.33	83	0.47
9	610*	0.04	332	0.12	187	0.21	120	0.33	83	0.47
12	457*	0.03	332	0.12	187	0.21	120	0.33	83	0.47
18	305*	0.02	305*	0.11	187	0.21	120	0.33	83	0.47
24	229*	0.02	229*	0.08	187	0.21	120	0.33	83	0.47
30	747	0.05	332	0.12	187	0.21	120	0.33	83	0.47
36	747	0.05	332	0.12	187	0.21	120	0.33	83	0.47

Blue = Corrugated Bottom

Red = 4" Rung Spacing

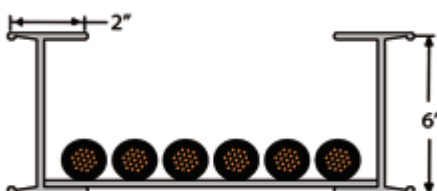
A IMC

6-24 in only
Use AIMC fittings

A 4 IMC

30 & 36 in only
Use A4IMC fittings

NEMA 12C



Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	916*	0.07	424	0.15	239	0.27	153	0.42	106	0.60
9	610*	0.05	424	0.15	239	0.27	153	0.42	106	0.60
12	457*	0.04	424	0.15	239	0.27	153	0.42	106	0.60
18	305*	0.02	305*	0.11	239	0.27	153	0.42	106	0.60
24	229*	0.02	229*	0.08	229*	0.26	153	0.42	106	0.60
30	954	0.07	424	0.15	239	0.27	153	0.42	106	0.60
36	940*	0.07	424	0.15	239	0.27	153	0.42	106	0.60

Blue = Corrugated Bottom

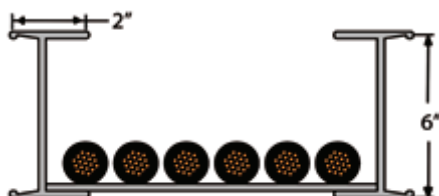
Red = 4" Rung Spacing

6-I BEAM TROUGH

A IMD

 6-24 in only
Use AIMD fittings

A 4 IMD
NEMA 12C+

 30 & 36 in only
Use A4IMD fittings


Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	916*	0.07	540	0.19	304	0.34	194	0.53	135	0.76
9	610*	0.05	540	0.19	304	0.34	194	0.53	135	0.76
12	457*	0.04	457*	0.16	304	0.34	194	0.53	135	0.76
18	305*	0.02	305*	0.11	304	0.34	194	0.53	135	0.76
24	229*	0.02	229*	0.08	229*	0.26	194	0.53	135	0.76
30	1128*	0.08	540	0.19	304	0.34	194	0.53	135	0.76
36	940*	0.07	540	0.19	304	0.34	194	0.53	135	0.76

Blue = Corrugated Bottom

Red = 4" Rung Spacing

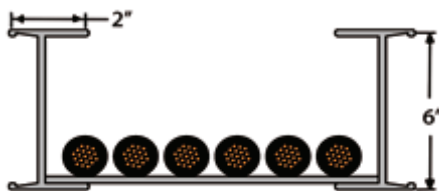
A IXA

 6-24 in only
Use AIXA fittings

A 4 IXA

 30 & 36 in only
Use A4IXA fittings

NEMA 20B, 20A+, 16C+



Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	211	0.96	155	1.31	119	1.72	94	2.17	76	2.68
9	211	0.96	155	1.31	119	1.72	94	2.17	76	2.68
12	211	0.96	155	1.31	119	1.72	94	2.17	76	2.68
18	211	0.96	155	1.31	119	1.72	94	2.17	76	2.68
24	211	0.96	155	1.31	119	1.72	94	2.17	76	2.68
30	211	0.96	155	1.31	119	1.72	94	2.17	76	2.68
36	211	0.96	155	1.31	119	1.72	94	2.17	76	2.68

Blue = Corrugated Bottom

Red = 4" Rung Spacing

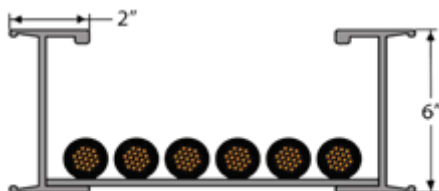
A IXB

 6-24 in only
Use AIXB fittings

A 4 IXB

 30 & 36 in only
Use A4IXB fittings

NEMA 20B+, 16C+



Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	264	1.11	194	1.51	148	1.97	117	2.50	95	3.08
9	264	1.11	194	1.51	148	1.97	117	2.50	95	3.08
12	264	1.11	194	1.51	148	1.97	117	2.50	95	3.08
18	264	1.11	194	1.51	148	1.97	117	2.50	95	3.08
24	264	1.11	194	1.51	148	1.97	117	2.50	95	3.08
30	264	1.11	194	1.51	148	1.97	117	2.50	95	3.08
36	264	1.11	194	1.51	148	1.97	117	2.50	95	3.08

Blue = Corrugated Bottom

Red = 4" Rung Spacing

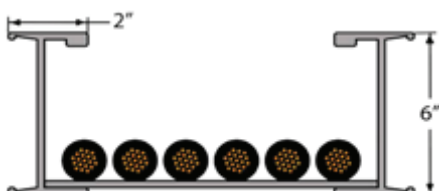
A IXC

 6-24 in only
Use AIXC fittings

A 4 IXC

 30 & 36 in only
Use A4IXC 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	289	1.11	212	1.51	163	1.97	128	2.49	104	3.08
9	289	1.11	212	1.51	163	1.97	128	2.49	104	3.08
12	289	1.11	212	1.51	163	1.97	128	2.49	104	3.08
18	289	1.11	212	1.51	163	1.97	128	2.49	104	3.08
24	229*	0.88	212	1.51	163	1.97	128	2.49	104	3.08
30	289	1.11	212	1.51	163	1.97	128	2.49	104	3.08
36	289	1.11	212	1.51	163	1.97	128	2.49	104	3.08

Blue = Corrugated Bottom

Red = 4" Rung Spacing

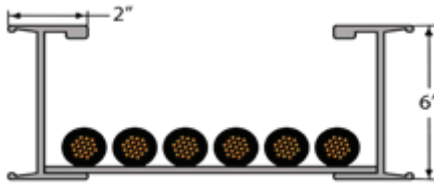
A IXD

6-24 in only
Use AIXD fittings

A 4 IXD

30 & 36 in only
Use A4IXD fittings

NEMA 20C+



Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	314	1.20	231	1.64	177	2.14	140	2.70	113	3.34
9	314	1.20	231	1.64	177	2.14	140	2.70	113	3.34
12	314	1.20	231	1.64	177	2.14	140	2.70	113	3.34
18	305*	1.17	231	1.64	177	2.14	140	2.70	113	3.34
24	229*	0.88	229*	1.63	177	2.14	140	2.70	113	3.34
30	314	1.20	231	1.64	177	2.14	140	2.70	113	3.34
36	314	1.20	231	1.64	177	2.14	140	2.70	113	3.34

Blue = Corrugated Bottom

Red = 4" Rung Spacing

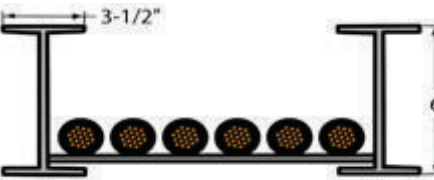
A I6

6-24 in only
Use AI6 fittings

A 4 I6

30 & 36 in only
Use A4I6 fittings

NEMA 24C+, 20C+



Span (ft.)	12		16		20		22		24	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
9	492	1.27	277	2.25	177	3.52	146	4.26	123	5.07
12	457*	1.18	277	2.25	177	3.52	146	4.26	123	5.07
18	305*	0.79	277	2.25	177	3.52	146	4.26	123	5.07
24	229*	0.59	229*	1.86	177	3.52	146	4.26	123	5.07
30	492	1.27	277	2.25	177	3.52	146	4.26	123	5.07
36	492	1.27	277	2.25	177	3.52	146	4.26	123	5.07

Blue = Corrugated Bottom

Red = 4" Rung Spacing

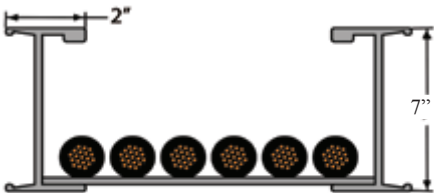
A IXD7

6-24 in only
Use AIXD7 fittings

A 4 IXD7

30 & 36 in only
Use A4IXD7 fittings

NEMA 20C



Span (ft.)	12		16		20		22		24	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	356	0.88	200	1.56	128	2.44	106	2.95	89	3.52
9	356	0.88	200	1.56	128	2.44	106	2.95	89	3.52
12	356	0.88	200	1.56	128	2.44	106	2.95	89	3.52
18	305*	0.75	200	1.56	128	2.44	106	2.95	89	3.52
24	229*	0.57	200	1.56	128	2.44	106	2.95	89	3.52
30	356	0.88	200	1.56	128	2.44	106	2.95	89	3.52
36	356	0.88	200	1.56	128	2.44	106	2.95	89	3.52

Blue = Corrugated Bottom

Red = 4" Rung Spacing

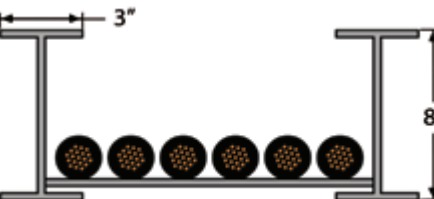
A I8

6-24 in only
Use AI8 fittings

A 4 I8

30 & 36 in only
Use A4I8 fittings

NEMA 30C+, 24C+



Span (ft.)	12		16		20		24		30	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
9	610*	0.55	411	1.17	263	1.82	183	2.62	117	4.10
12	457*	0.41	411	1.17	263	1.82	183	2.62	117	4.10
18	305*	0.28	305*	0.87	263	1.82	183	2.62	117	4.10
24	229*	0.21	229*	0.65	229*	1.59	183	2.62	117	4.10
30	732	0.66	411	1.17	263	1.82	183	2.62	117	4.10
36	732	0.66	411	1.17	263	1.82	183	2.62	117	4.10

Blue = Corrugated Bottom

Red = 4" Rung Spacing

6-I BEAM TROUGH

Aluminum Solid Bottom Trough Numbering System

ASIMC-18-144				
A	S	IMC-	18-	144
Material	Bottom	Tray Type	Width in Inches	Length in Inches
Materials: A=Aluminum	Bottom S= Solid Bottom	Tray Types: IJA, IJB, IJC, IMB, IMC, IMD, IYC, IYB IXA, IXB, IXC IXD, IXD7, I6, I8	Widths: 6 9 12 18 24 30 36	Lengths: IJA,IJB,IJC,IMB,IMC and IMD available in 10' (120") & 12' (144") only All others available in 10' (120"), 12' (144"), 20' (240") & 24' (288") I8 only available 30' (360")

6-I BEAM TROUGH

Other Technical Data



Depth:

4-1/2", 6", 7" & 8"

Fittings:

12", 24" & 36" Radius

(See the Fittings Section 10 of this catalog)

Trough Bottoms:

Corrugated Solid Bottom

Splice-Plates

Bolted Splice Connectors (See Section 11 for details)

Safety Factor: 1.5

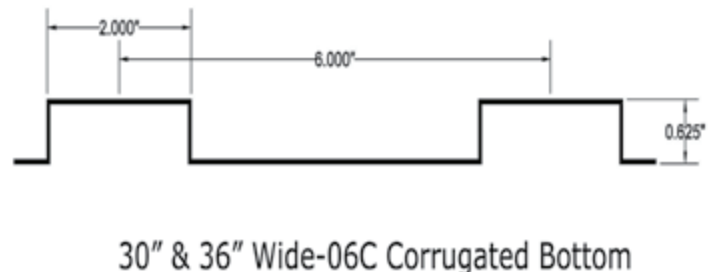
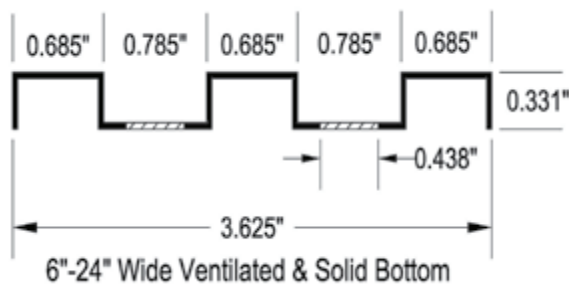


(For other tray sizes or specifications, please consult the factory)

Please see Section 7 (Husky Way) for our other solid bottom tray design.

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

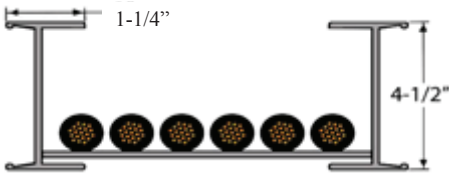
Bottom Dimensions



A S IJA

Use ASIJA fittings

NEMA 12A



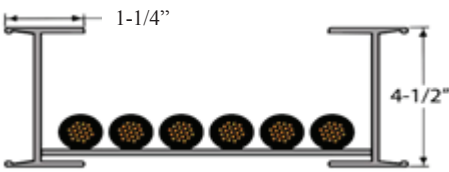
Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	513	0.09	228	0.19	128	0.34	82	0.53	57	0.77
9	513	0.09	228	0.19	128	0.34	82	0.53	57	0.77
12	513	0.09	228	0.19	128	0.34	82	0.53	57	0.77
18	464*	0.08	228	0.19	128	0.34	82	0.53	57	0.77
24	348*	0.06	228	0.19	128	0.34	82	0.53	57	0.77
30	513	0.09	228	0.19	128	0.34	82	0.53	57	0.77
36	513	0.09	228	0.19	128	0.34	82	0.53	57	0.77

Blue = Corrugated Bottom Red = (-06C) Corrugated Bottom

A S IJB

Use ASIJB fittings

NEMA 12B+



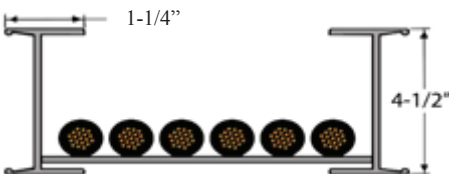
Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	837	0.14	372	0.32	209	0.56	134	0.87	93	1.26
9	837	0.14	372	0.32	209	0.56	134	0.87	93	1.26
12	697*	0.12	372	0.32	209	0.56	134	0.87	93	1.26
18	464*	0.08	372	0.32	209	0.56	134	0.87	93	1.26
24	348*	0.06	348*	0.25	209	0.56	134	0.87	93	1.26
30	835*	0.14	372	0.32	209	0.56	134	0.87	93	1.26
36	696*	0.12	372	0.32	209	0.56	134	0.87	93	1.26

Blue = Corrugated Bottom Red = (-06C) Corrugated Bottom

A S IJC

Use ASIJC fittings

NEMA 12C



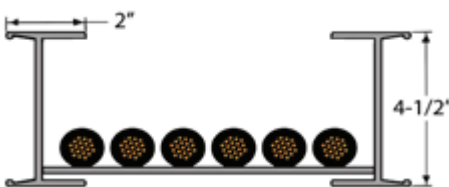
Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	900	0.13	400	0.29	225	0.52	144	0.82	100	1.18
9	900	0.13	400	0.29	225	0.52	144	0.82	100	1.18
12	697*	0.10	400	0.29	225	0.52	144	0.82	100	1.18
18	464*	0.07	400	0.29	225	0.52	144	0.82	100	1.18
24	348*	0.05	348*	0.25	225	0.52	144	0.82	100	1.18
30	835*	0.12	400	0.29	225	0.52	144	0.82	100	1.18
36	696*	0.10	400	0.29	225	0.52	144	0.82	100	1.18

Blue = Corrugated Bottom Red = (-06C) Corrugated Bottom

A S IYA

Use ASIYA fittings

NEMA 20A+



Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	194	1.53	143	2.09	109	2.72	86	3.45	70	4.26
9	194	1.53	143	2.09	109	2.72	86	3.45	70	4.26
12	194	1.53	143	2.09	109	2.72	86	3.45	70	4.26
18	194	1.53	143	2.09	109	2.72	86	3.45	70	4.26
24	194	1.53	143	2.09	109	2.72	86	3.45	70	4.26
30	194	1.53	143	2.09	109	2.72	86	3.45	70	4.26
36	194	1.53	143	2.09	109	2.72	86	3.45	70	4.26

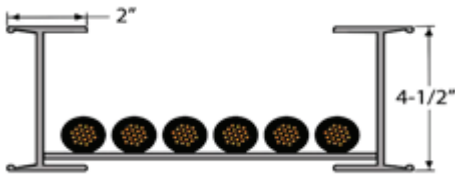
Blue = Corrugated Bottom Red = (-06C) Corrugated Bottom

6-I BEAM TROUGH

A S IYB

Use ASIYB fittings

NEMA 20B



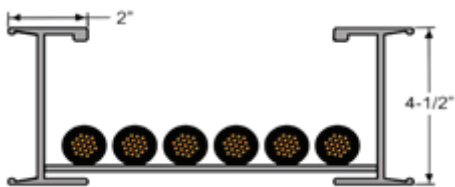
Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	208	1.64	153	2.23	117	2.92	93	3.69	75	4.56
9	208	1.64	153	2.23	117	2.92	93	3.69	75	4.56
12	208	1.64	153	2.23	117	2.92	93	3.69	75	4.56
18	208	1.64	153	2.23	117	2.92	93	3.69	75	4.56
24	208	1.64	153	2.23	117	2.92	93	3.69	75	4.56
30	208	1.64	153	2.23	117	2.92	93	3.69	75	4.56
36	208	1.64	153	2.23	117	2.92	93	3.69	75	4.56

Blue = Corrugated Bottom Red = (-06C) Corrugated Bottom

A S IYC

Use ASIYC fittings

NEMA 20C, 16C, 12C



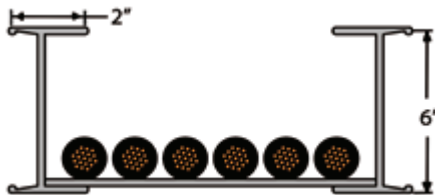
Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
9	278	1.99	204	2.70	156	3.53	123	4.47	100	5.52
12	278	1.99	204	2.70	156	3.53	123	4.47	100	5.52
18	278	1.99	204	2.70	156	3.53	123	4.47	100	5.52
24	278	1.99	204	2.70	156	3.53	123	4.47	100	5.52
30	278	1.99	204	2.70	156	3.53	123	4.47	100	5.52
36	278	1.99	204	2.70	156	3.53	123	4.47	100	5.52

Blue = Corrugated Bottom Red = (-06C) Corrugated Bottom

A S IMB

Use ASIMB fittings

NEMA 12B+



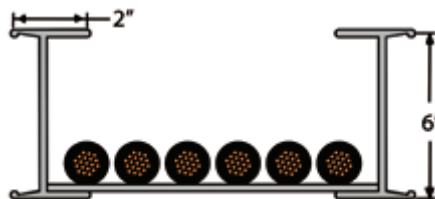
Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	747	0.05	332	0.12	187	0.21	120	0.33	83	0.47
9	747	0.05	332	0.12	187	0.21	120	0.33	83	0.47
12	697*	0.05	332	0.12	187	0.21	120	0.33	83	0.47
18	464*	0.03	332	0.12	187	0.21	120	0.33	83	0.47
24	348*	0.02	332	0.12	187	0.21	120	0.33	83	0.47
30	747	0.05	332	0.12	187	0.21	120	0.33	83	0.47
36	696*	0.05	332	0.12	187	0.21	120	0.33	83	0.47

Blue = Corrugated Bottom Red = (-06C) Corrugated Bottom

A S IMC

Use ASIMC fittings

NEMA 12C+



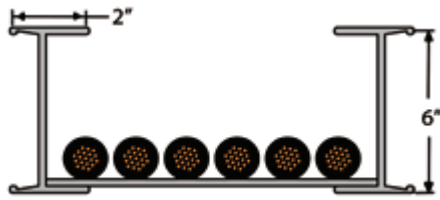
Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	954	0.07	424	0.15	239	0.27	153	0.42	106	0.06
9	929*	0.07	424	0.15	239	0.27	153	0.42	106	0.06
12	697*	0.05	424	0.15	239	0.27	153	0.42	106	0.06
18	464*	0.03	424	0.15	239	0.27	153	0.42	106	0.06
24	348*	0.03	348*	0.12	239	0.27	153	0.42	106	0.06
30	835*	0.06	424	0.15	239	0.27	153	0.42	106	0.06
36	696*	0.05	424	0.15	239	0.27	153	0.42	106	0.06

Blue = Corrugated Bottom Red = (-06C) Corrugated Bottom

A S IMD

Use ASIMD fittings

NEMA 12C+



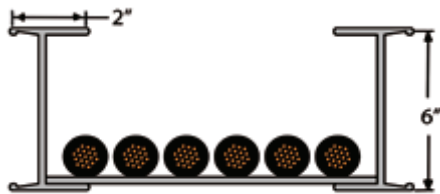
Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	1215	0.08	540	0.19	304	0.34	194	0.53	135	0.76
9	929*	0.06	540	0.19	304	0.34	194	0.53	135	0.76
12	697*	0.05	540	0.19	304	0.34	194	0.53	135	0.76
18	464*	0.03	464*	0.16	304	0.34	194	0.53	135	0.76
24	348*	0.02	348*	0.12	304	0.34	194	0.53	135	0.76
30	835*	0.06	540	0.19	304	0.34	194	0.53	135	0.76
36	696*	0.05	540	0.19	304	0.34	194	0.53	135	0.76

Blue = Corrugated Bottom Red = (-06C) Corrugated Bottom

A S IXA

Use ASIXA fittings

NEMA 20B, 20A, 16C



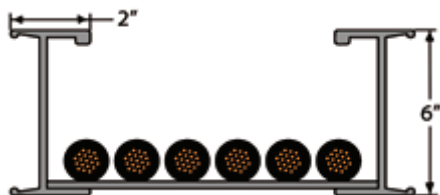
Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	211	0.96	155	1.31	119	1.72	94	2.17	76	2.68
9	211	0.96	155	1.31	119	1.72	94	2.17	76	2.68
12	211	0.96	155	1.31	119	1.72	94	2.17	76	2.68
18	211	0.96	155	1.31	119	1.72	94	2.17	76	2.68
24	211	0.96	155	1.31	119	1.72	94	2.17	76	2.68
30	211	0.96	155	1.31	119	1.72	94	2.17	76	2.68
36	211	0.96	155	1.31	119	1.72	94	2.17	76	2.68

Blue = Corrugated Bottom Red = (-06C) Corrugated Bottom

A S IXB

Use ASIXB fittings

NEMA 20B+



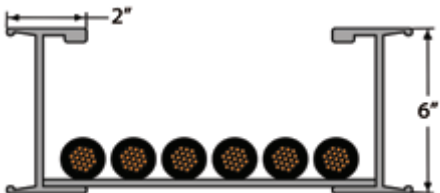
Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	264	1.11	194	1.51	148	1.97	117	2.50	95	3.08
9	264	1.11	194	1.51	148	1.97	117	2.50	95	3.08
12	264	1.11	194	1.51	148	1.97	117	2.50	95	3.08
18	264	1.11	194	1.51	148	1.97	117	2.50	95	3.08
24	264	1.11	194	1.51	148	1.97	117	2.50	95	3.08
30	264	1.11	194	1.51	148	1.97	117	2.50	95	3.08
36	264	1.11	194	1.51	148	1.97	117	2.50	95	3.08

Blue = Corrugated Bottom Red = (-06C) Corrugated Bottom

A S IXC

Use ASIXC fittings

NEMA 20C



Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	289	1.11	212	1.51	163	1.97	128	2.49	104	3.08
9	289	1.11	212	1.51	163	1.97	128	2.49	104	3.08
12	289	1.11	212	1.51	163	1.97	128	2.49	104	3.08
18	289	1.11	212	1.51	163	1.97	128	2.49	104	3.08
24	289	1.11	212	1.51	163	1.97	128	2.49	104	3.08
30	289	1.11	212	1.51	163	1.97	128	2.49	104	3.08
36	289	1.11	212	1.51	163	1.97	128	2.49	104	3.08

Blue = Corrugated Bottom Red = (-06C) Corrugated Bottom

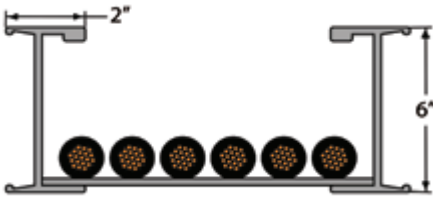
Example:

USE COLOR CODING TO ASSEMBLE PART NUMBER

Part # ASIXC-24-144				
A	S	IXC-	24-	144
Material	Bottom	Tray Type	Width in Inches	Length in Inches

A S IXD

Use ASIXD fittings

NEMA 20C+


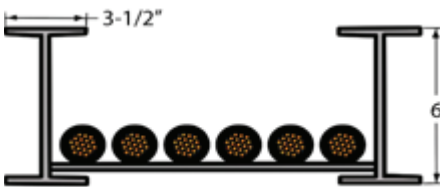
Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	314	1.20	231	1.64	177	2.14	140	2.70	113	3.34
9	314	1.20	231	1.64	177	2.14	140	2.70	113	3.34
12	314	1.20	231	1.64	177	2.14	140	2.70	113	3.34
18	314	1.20	231	1.64	177	2.14	140	2.70	113	3.34
24	314	1.20	231	1.64	177	2.14	140	2.70	113	3.34
30	314	1.20	231	1.64	177	2.14	140	2.70	113	3.34
36	314	1.20	231	1.64	177	2.14	140	2.70	113	3.34

Blue = Corrugated Bottom

Red = (-06C) Corrugated Bottom

A S I6

Use ASI6 fittings

NEMA 24C+, 20C+


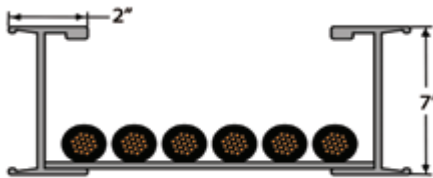
Span (ft.)	12		16		20		22		24	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
9	492	1.27	277	2.25	177	3.52	146	4.26	123	5.07
12	492	1.27	277	2.25	177	3.52	146	4.26	123	5.07
18	464*	1.20	277	2.25	177	3.52	146	4.26	123	5.07
24	348*	0.90	277	2.25	177	3.52	146	4.26	123	5.07
30	492	1.27	277	2.25	177	3.52	146	4.26	123	5.07
36	492	1.27	277	2.25	177	3.52	146	4.26	123	5.07

Blue = Corrugated Bottom

Red = (-06C) Corrugated Bottom

A S IXD7

Use ASIXD7 fittings

NEMA 24B+, 20C+


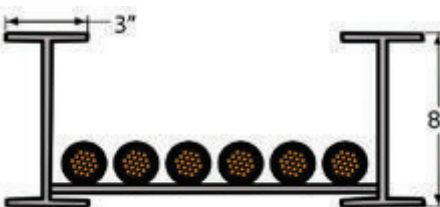
Span (ft.)	12		16		20		22		24	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	356	0.88	200	1.56	128	2.44	106	2.95	89	3.52
9	356	0.88	200	1.56	128	2.44	106	2.95	89	3.52
12	356	0.88	200	1.56	128	2.44	106	2.95	89	3.52
18	356	0.88	200	1.56	128	2.44	106	2.95	89	3.52
24	348*	0.86	200	1.56	128	2.44	106	2.95	89	3.52
30	356	0.88	200	1.56	128	2.44	106	2.95	89	3.52
36	356	0.88	200	1.56	128	2.44	106	2.95	89	3.52

Blue = Corrugated Bottom

Red = (-06C) Corrugated Bottom

A S I8

Use ASI8 fittings

NEMA 30C+, 24C+


Span (ft.)	12		16		20		24		30	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
9	731	0.66	411	1.17	263	1.82	183	2.62	117	4.10
12	697*	0.63	411	1.17	263	1.82	183	2.62	117	4.10
18	464*	0.42	411	1.17	263	1.82	183	2.62	117	4.10
24	348*	0.31	348*	0.99	263	1.82	183	2.62	117	4.10
30	731	0.66	411	1.17	263	1.82	183	2.62	117	4.10
36	731	0.66	411	1.17	263	1.82	183	2.62	117	4.10

Blue = Corrugated Bottom

Red = (-06C) Corrugated Bottom

6-I BEAM THROUGH