



MP HUSKY™
CABLE TRAY & CABLE BUS

Husky Trough Flange-In

In Steel & Aluminum

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Husky Trough matches Husky Flange-In Ladder in most respects, except it has a continuous bottom or 4" rung spacing.



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

5-TROUGH

NEMA Class	NEMA Load (lbs./Span ft.)	Aluminum					Steel				
		Tray Height	Load Depth	Top Flange Width	Prefix Vent Bottom	Prefix Solid Bottom	Tray Height	Load Depth	Top Flange Width	Prefix Vent Bottom	Prefix Solid Bottom
8A	50/8	4.50 6.00	3.50 5.00	.75 1.00	AJA AMB1	ASJA ASMB1	3.375 4.00 6.00	2.94 3.00 5.00	1.25 1.25 1.00	SHA,PHA SJ2,PJ2 SM61,PM61	SSHA,PSHA SSJ2,PSJ2 SSM61,PSM61
8B	75/8	4.50 6.00	3.50 5.00	.75 1.00	AJA AMB1	ASJA ASMB1	3.375 4.00 6.00	2.94 3.00 5.00	1.25 1.25 1.00	SHA,PHA SJ2,PJ2 SM61,PM61	SSHA,PSHA SSJ2,PSJ2 SSM61,PSM61
8C	100/8	4.50 6.00	3.50 5.00	.75 1.00	AJA AMB1	ASJA ASMB1	3.375 4.00 6.00	2.94 3.00 5.00	1.25 1.25 1.00	SHA,PHA SJ2,PJ2 SM61,PM61	SSHA,PSHA SSJ2,PSJ2 SSM61,PSM61
12A	50/12	4.50 6.00	3.50 5.00	.75 1.00	AJA AMB1	ASJA ASMB1	3.375 4.00 6.00	2.94 3.00 5.00	1.25 1.25 1.00	SHA,PHA SJ2,PJ2 SM61,PM61	SSHA,PSHA SSJ2,PSJ2 SSM61,PSM61
12B	75/12	4.50 6.00	3.50 5.00	.75 1.00	AJB AMB1	ASJB ASMB1	3.75 4.00 6.00	2.94 3.00 5.00	1.25 1.25 1.00	SHA,PHA SJ2,PJ2 SM61,PM61	SSHA,PSHA SSJ2,PSJ2 SSM61,PSM61
12C	100/12	4.50 6.00	3.50 5.00	1.50 1.00	AYA2 AMB1	ASYA2 ASMB1	4.50 6.00 6.00 7.00	3.50 5.00 5.00 6.00	1.25 1.00 .75 .75	SKC,PKC SM61,PM61 SMD4,PMD4 SMD7,PMD7	SSKC,PSKC SSM61,PSM61 SSMD4,PSMD4 SSMD7,PSMD7
12C+	100+/12	4.50 6.00	3.50 5.00	1.50 1.25	AYA2 AMC	ASYA2 ASMC	6.00 7.00 7.00	5.00 6.00 6.00	.75 .75 .75	SMD4,PMD4 SMD7,PMD7 SMD74,PMD74	SSMD4,PSMD4 SSMD7,PSMD7 SSMD74,PSMD74
16A	50/16	4.50 6.00	3.50 5.25	1.50 1.75	AYA2 AXA	ASYA2 ASXA	4.50 6.25 7.00	3.50 5.25 6.00	1.75 1.75 1.75	SYD,PYD SXB,PXB SXB7,PXB7	SSYD,PSYD SSXB,PSXB SSXB7,PSXB7
16B	75/16	4.50 6.00	3.50 5.25	1.50 1.75	AYA2 AXA	ASYA2 ASXA	4.50 6.25 7.00	3.50 5.25 6.00	1.75 1.75 1.75	SYD,PYD SXB,PXB SXB7,PXB7	SSYD,PSYD SSXB,PSXB SSXB7,PSXB7
16C	100/16	6.00	5.00	1.75	AXA	ASXA	6.25 7.00	5.25 6.00	1.75 1.75	SXB,PXB SXB7,PXB7	SSXB,PSXB SSXB7,PSXB7
20A	50/20	4.50 6.00	3.50 5.00	1.50 1.75	AYA2 AXA	ASYA2 ASXA	4.50 6.25 7.00	3.50 5.25 6.00	1.75 1.75 1.75	SYD,PYD SXB,PXB SXB7,PXB7	SSYD,PSYD SSXB,PSXB SSXB7,PSXB7
20B	75/20	6.00 7.00	5.00 6.00	1.75 1.75	AX AX7	ASX ASX7	6.25 7.00	5.25 6.00	1.75 1.75	SXB,PXB SXB7,PXB7	SSXB,PSXB SSXB7,PSXB7
20C	100/20	6.00 7.00 8.00 10.00	5.00 6.00 7.00 9.00	1.75 1.75 1.75 1.75	AX1 AX71 AL1 AD1	ASX1 ASX71 ASL1 ASD1	6.25 7.00	5.25 6.00	1.75 1.75	SXC,PCX SXB7,PXB7	SSXC,PSXC SSXB7,PSXB7
20C+	100+/20						6.25 7.00	5.25 6.00	1.75 1.75	SXD,PXD SXB7,PXB7	SSXD,PSXD SSXB7,PSXB7
24A	50/24						6.25	5.25	1.75	SXD,PXD	SSXD,PSXD
24B	75/24						6.25 7.00	5.25 6.00	1.75 1.75	SXD,PXD SXB7,PXB7	SSXD,PSXD SSXB7,PSXB7



Aluminum Ventilated Trough Numbering System

AJA-24-144				
A	()	JA-	24-	144
Material	Bottom	Tray Type	Width in Inches	Length in Inches
Materials: A=Aluminum	Bottom Leave this space blank for 6"-24" Wide Ventilated Trough Insert "4" for 4" Rung Spacing 30" & 36" wide Ventilated Trough	Tray Types: Aluminum JA, JB, MB1, MC, YA2, XA, X, X1, X7, X71, L1, D1	Widths: 6" 9" 12" 18" 24" 30" 36"	Lengths: JA, JB, MB1, MC available in 10' (120") & 12' (144") only All others available in 10' (120"), 12' (144"), 20' (240") & 24' (288")

5-TROUGH

Other Technical Data


Depth:

4-1/2, 6, 7, 8, & 10 inches nominal

Fittings:

12, 24, or 36 inch standard radii (See the Fittings Section 10 of this catalog)

Trough Bottoms:

All troughs 6" - 24" wide have corrugated ventilated bottoms. 30" and 36" wide have 4" rung spacing.

Splice Plates:

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

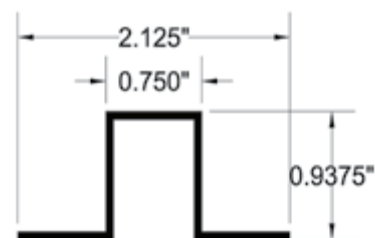
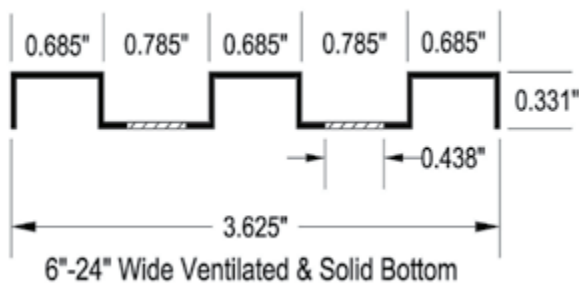
Safety Factor:

1.5 NEMA Standard

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

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

Bottom Dimensions



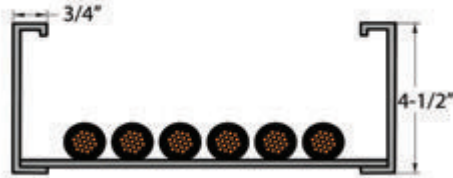
4" Rung Spacing in Steel & Aluminum

A JA

 6"-24" only
Use AJA fitting

A 4 JA

 30" & 36" only
Use A4JA fittings

NEMA 12A/CSA C


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	457*	0.13	240	0.34	135	0.61	86	0.96	60	1.38
18	305*	0.09	240	0.34	135	0.61	86	0.96	60	1.38
24	229*	0.07	229*	0.32	135	0.61	86	0.96	60	1.38
30	540	0.15	240	0.34	135	0.61	86	0.96	60	1.38
36	540	0.15	240	0.34	135	0.61	86	0.96	60	1.38

Blue = Corrugated Bottom

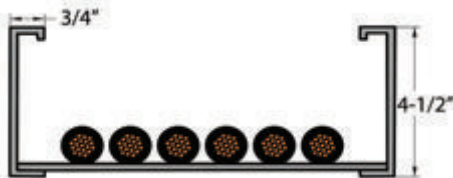
Red = 4" Rung Spacing

A JB

 6"-24" only
Use AJB fitting

A 4 JB

 30" & 36" only
Use A4JB 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	610*	0.13	300	0.32	169	0.57	108	0.89	75	1.28
12	457*	0.10	300	0.32	169	0.57	108	0.89	75	1.28
18	305*	0.06	300	0.32	169	0.57	108	0.89	75	1.28
24	229*	0.05	229*	0.24	169	0.57	108	0.89	75	1.28
30	675	0.14	300	0.32	169	0.57	108	0.89	75	1.28
36	675	0.14	300	0.32	169	0.57	108	0.89	75	1.28

Blue = Corrugated Bottom

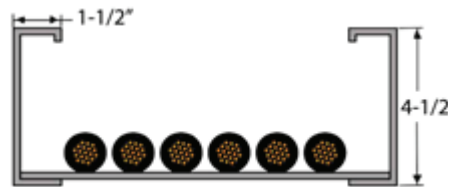
Red = 4" Rung Spacing

A YA2

 6"-24" only
Use AYA2 fitting

A 4 YA2

 30" & 36" only
Use A4YA2 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

Blue = Corrugated Bottom

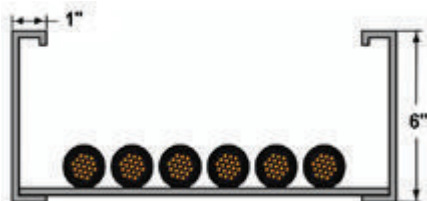
Red = 4" Rung Spacing

A MB1

 6"-24" only
Use AMB1 fitting

A 4 MB1

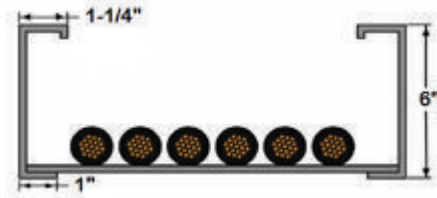
 30" & 36" only
Use A4MB1 fittings

NEMA 12C, 12B


Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	916*	0.10	436	0.20	245	0.36	157	0.56	109	0.80
9	610*	0.07	436	0.20	245	0.36	157	0.56	109	0.80
12	457*	0.05	436	0.20	245	0.36	157	0.56	109	0.80
18	305*	0.03	305*	0.14	245	0.36	157	0.56	109	0.80
24	229*	0.03	229*	0.11	229*	0.34	157	0.56	109	0.80
30	981	0.09	436	0.20	245	0.36	157	0.56	109	0.80
36	940*	0.09	436	0.20	245	0.36	157	0.56	109	0.80

Blue = Corrugated Bottom

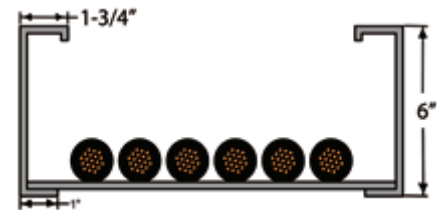
Red = 4" Rung Spacing

**A MC**6"-24" only
Use AMC fitting**A 4 MC**30" & 36" only
Use A4MC fittings**NEMA 12C+**

Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	916*	0.08	508	0.22	286	0.39	183	0.61	127	0.87
9	610*	0.05	508	0.22	286	0.39	183	0.61	127	0.87
12	457*	0.04	457*	0.20	286	0.39	183	0.61	127	0.87
18	305*	0.03	305*	0.13	286	0.39	183	0.61	127	0.87
24	229*	0.02	229*	0.10	229*	0.10	183	0.61	127	0.87
30	1128*	0.06	508	0.22	286	0.39	183	0.61	127	0.87
36	940*	0.06	508	0.22	286	0.39	183	0.61	127	0.87

Blue = Corrugated Bottom

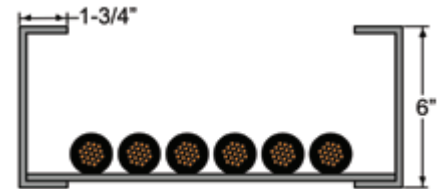
Red = 4" Rung Spacing

A XA6"-24" only
Use AXA fitting**A 4 XA**30" & 36" only
Use A4XA fittings**NEMA 20A, 16C, 12C**

Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	192	0.83	141	1.12	108	1.47	85	1.86	69	2.29
9	192	0.83	141	1.12	108	1.47	85	1.86	69	2.29
12	192	0.83	141	1.12	108	1.47	85	1.86	69	2.29
18	192	0.83	141	1.12	108	1.47	85	1.86	69	2.29
24	192	0.83	141	1.12	108	1.47	85	1.86	69	2.29
30	192	0.83	141	1.12	108	1.47	85	1.86	69	2.29
36	192	0.83	141	1.12	108	1.47	85	1.86	69	2.29

Blue = Corrugated Bottom

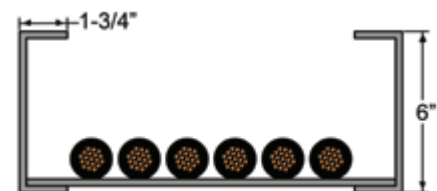
Red = 4" Rung Spacing

A X6"-24" only
Use AX fitting**A 4 X**30" & 36" only
Use A4X 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	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	208	0.92	153	1.26	117	1.64	93	2.08	75	2.56
36	208	0.92	153	1.26	117	1.64	93	2.08	75	2.56

Blue = Corrugated Bottom

Red = 4" Rung Spacing

A X16"-24" only
Use AX fitting**A 4 X1**30" & 36" only
Use A4X1 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	278	1.13	204	1.53	156	2.00	123	2.53	100	3.13
9	278	1.13	204	1.53	156	2.00	123	2.53	100	3.13
12	278	1.13	204	1.53	156	2.00	123	2.53	100	3.13
18	278	1.13	204	1.53	156	2.00	123	2.53	100	3.13
24	229*	0.93	204	1.53	156	2.00	123	2.53	100	3.13
30	278	1.13	204	1.53	156	2.00	123	2.53	100	3.13
36	278	1.13	204	1.53	156	2.00	123	2.53	100	3.13

Blue = Corrugated Bottom

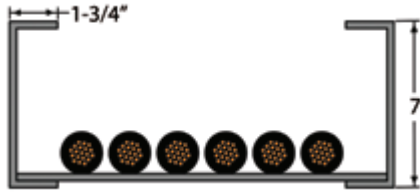
Red = 4" Rung Spacing

A X7

 6"-24" only
Use AX7 fitting

A 4 X7

 30" & 36" only
Use A4X7 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	229*	0.64	182	0.94	139	1.22	110	1.55	89	1.93
30	247	0.69	182	0.94	139	1.22	110	1.55	89	1.93
36	247	0.69	182	0.94	139	1.22	110	1.55	89	1.93

Blue = Corrugated Bottom

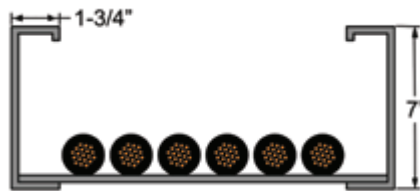
Red = 4" Rung Spacing

A X71

 6"-24" only
Use AX7 fitting

A 4 X71

 30" & 36" only
Use A4X7 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	229*	0.57	204	0.94	156	1.23	123	1.56	100	1.92
30	278	0.69	204	0.94	156	1.23	123	1.56	100	1.92
36	278	0.69	204	0.94	156	1.23	123	1.56	100	1.92

Blue = Corrugated Bottom

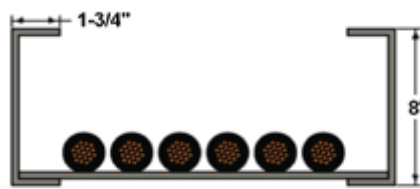
Red = 4" Rung Spacing

A L1

 6"-24" only
Use AL1 fitting

A 4 L1

 30" & 36" only
Use A4L1 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	367	0.75	269	1.02	206	1.33	163	1.68	132	2.07
9	367	0.75	269	1.02	206	1.33	163	1.68	132	2.07
12	367	0.75	269	1.02	206	1.33	163	1.68	132	2.07
18	305*	0.62	269	1.02	206	1.33	163	1.68	132	2.07
24	229*	0.47	229*	0.87	206	1.33	163	1.68	132	2.07
30	367	0.75	269	1.02	206	1.33	163	1.68	132	2.07
36	367	0.75	269	1.02	206	1.33	163	1.68	132	2.07

Blue = Corrugated Bottom

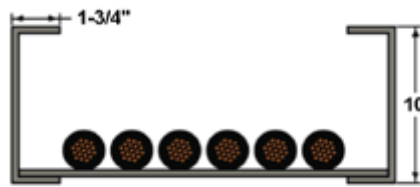
Red = 4" Rung Spacing

A D1

 6"-24" only
Use AD1 fitting

A 4 D1

 30" & 36" only
Use A4D1 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	397	0.46	292	0.62	223	0.81	177	1.03	143	1.27
9	397	0.46	292	0.62	223	0.81	177	1.03	143	1.27
12	397	0.46	292	0.62	223	0.81	177	1.03	143	1.27
18	305*	0.35	292	0.62	223	0.81	177	1.03	143	1.27
24	229*	0.27	229*	0.49	223	0.81	177	1.03	143	1.27
30	397	0.46	292	0.62	223	0.81	177	1.03	143	1.27
36	397	0.46	292	0.62	223	0.81	177	1.03	143	1.27

Blue = Corrugated Bottom

Red = 4" Rung Spacing



Aluminum Solid Bottom Trough Numbering System

ASJA-30-144				
A	S	JA-	30-	144
Material	Bottom Type	Tray Type	Width in Inches	Length in Inches
Materials: A=Aluminum	Bottom S= Solid Bottom	Tray Types: Aluminum JA, JB, MB1, MC, YA2, XA, X, X1, X7, X71, L1, D1	Widths: 6" 9" 12" 18" 24" 30" 36"	Lengths: JA, JB, MB1, MC available in 10' (120") & 12' (144") only All others available in 10' (120"), 12' (144"), 20' (240") & 24' (288")

S-TROUGH

Other Technical Data


Depth:

4-1/2, 6, 7, 8, & 10 inches nominal

Fittings:

12, 24, or 36 inch standard radii

(See the Fittings Section 10 of this catalog)

Trough Bottoms:

All troughs 6" - 24" wide have solid corrugated bottoms. 30" and 36" wide have (-06C) solid bottom.

Splice Plates:

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

Safety Factor:

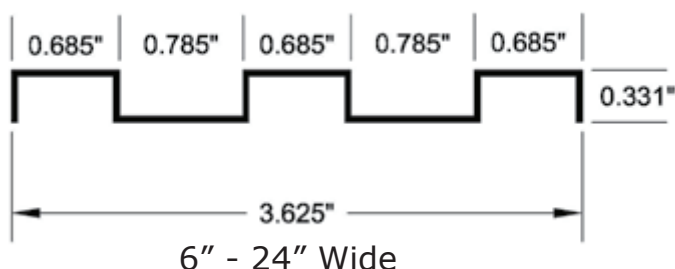
1.5 NEMA Standard



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

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

Bottom Dimensions

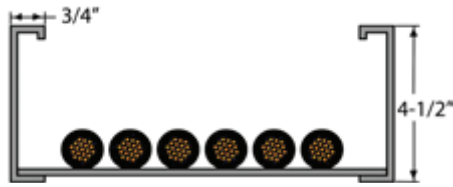


30" & 36" Wide (-06C) Corrugated Bottom

A S JA

Use ASJA fittings

NEMA 12A/CSA C



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	540	0.15	240	0.34	135	0.61	86	0.96	60	1.38
18	464*	0.13	240	0.34	135	0.61	86	0.96	60	1.38
24	348*	0.10	240	0.34	135	0.61	86	0.96	60	1.38
**30	540	0.15	240	0.34	135	0.61	86	0.96	60	1.38
**36	540	0.15	240	0.34	135	0.61	86	0.96	60	1.38

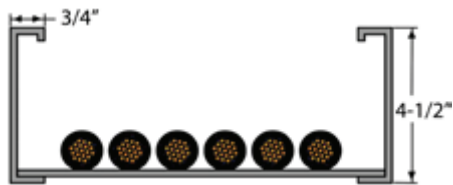
Blue = Corrugated Bottom

Red = -06C Corrugated Bottom

A S JB

Use ASJB 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	675	0.14	300	0.32	169	0.57	108	0.89	75	1.28
12	675	0.14	300	0.32	169	0.57	108	0.89	75	1.28
18	464*	0.10	300	0.32	169	0.57	108	0.89	75	1.28
24	348*	0.07	300	0.32	169	0.57	108	0.89	75	1.28
**30	675	0.14	300	0.32	169	0.57	108	0.89	75	1.28
**36	675	0.14	300	0.32	169	0.57	108	0.89	75	1.28

Blue = Corrugated Bottom

Red = -06C Corrugated Bottom

A S YA2

Use ASYA2 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

Blue = Corrugated Bottom

Red = -06C Corrugated Bottom

A S MB1

Use ASMB1 fittings

NEMA 12C, 12B+



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	929*	0.09	436	0.20	245	0.36	157	0.56	109	0.80
12	697*	0.06	436	0.20	245	0.36	157	0.56	109	0.80
18	464*	0.04	436	0.20	245	0.36	157	0.56	109	0.80
24	348*	0.03	348*	0.16	245	0.36	157	0.56	109	0.80
**30	835*	0.08	436	0.20	245	0.36	157	0.56	109	0.80
**36	696*	0.06	436	0.20	245	0.36	157	0.56	109	0.80

Blue = Corrugated Bottom

Red = -06C Corrugated Bottom

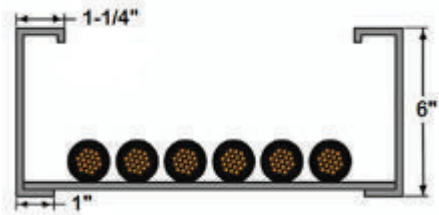
Example:

Part # ASMC-24-144				
A	S	MC-	24-	144
Material	Solid Bottom	Tray Type	Width in Inches	Length in Inches

USE COLOR CODING TO ASSEMBLE PART NUMBER

**A S MC**

Use ASMC fittings

NEMA 12C+

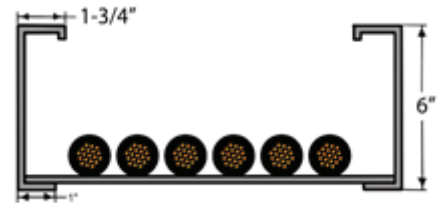
**Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	1143	0.10	508	0.22	286	0.39	183	0.61	127	0.87
9	929*	0.08	508	0.22	286	0.39	183	0.61	127	0.87
12	697*	0.06	508	0.22	286	0.39	183	0.61	127	0.87
18	464*	0.04	464*	0.20	286	0.39	183	0.61	127	0.87
24	348*	0.03	348*	0.15	286	0.39	183	0.61	127	0.87
**30	835*	0.07	508	0.22	286	0.39	183	0.61	127	0.87
**36	696*	0.06	508	0.22	286	0.39	183	0.61	127	0.87

Blue = Corrugated Bottom

Red = -06C Corrugated Bottom

A S XA

Use ASX fittings

NEMA 20A, 16C, 12C

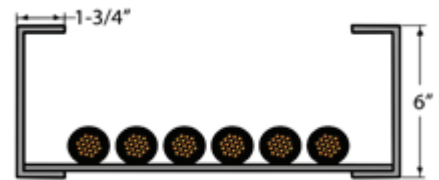
Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	192	0.83	141	1.12	108	1.47	85	1.86	69	2.29
9	192	0.83	141	1.12	108	1.47	85	1.86	69	2.29
12	192	0.83	141	1.12	108	1.47	85	1.86	69	2.29
18	192	0.83	141	1.12	108	1.47	85	1.86	69	2.29
24	192	0.83	141	1.12	108	1.47	85	1.86	69	2.29
**30	192	0.83	141	1.12	108	1.47	85	1.86	69	2.29
**36	192	0.83	141	1.12	108	1.47	85	1.86	69	2.29

Blue = Corrugated Bottom

Red = -06C Corrugated Bottom

A S X

Use ASX fittings

NEMA 20B, 16C, 12C

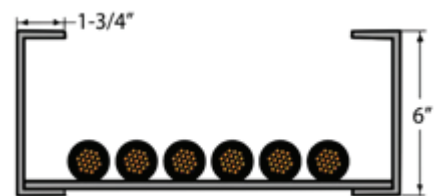
Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	208	0.92	153	1.26	117	1.64	93	2.08	75	2.56
9	208	0.92	153	1.26	117	1.64	93	2.08	75	2.56
12	208	0.92	153	1.26	117	1.64	93	2.08	75	2.56
18	208	0.92	153	1.26	117	1.64	93	2.08	75	2.56
24	208	0.92	153	1.26	117	1.64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

Blue = Corrugated Bottom

Red = -06C Corrugated Bottom

A S X1

Use ASX fittings

NEMA 20C, 16C, 12C

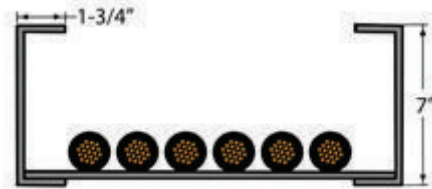
Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	278	1.13	204	1.53	156	2.00	123	2.53	100	3.13
9	278	1.13	204	1.53	156	2.00	123	2.53	100	3.13
12	278	1.13	204	1.53	156	2.00	123	2.53	100	3.13
18	278	1.13	204	1.53	156	2.00	123	2.53	100	3.13
24	278	1.13	204	1.53	156	2.00	123	2.53	100	3.13
**30	278	1.13	204	1.53	156	2.00	123	2.53	100	3.13
**36	278	1.13	204	1.53	156	2.00	123	2.53	100	3.13

Blue = Corrugated Bottom

Red = -06C Corrugated Bottom

A S X7

Use ASX7 fittings

NEMA 20B+, 16C+, 12C


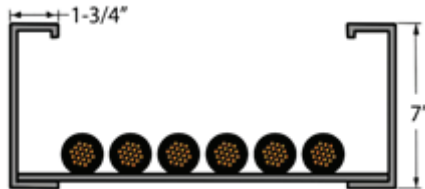
Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	247	0.69	182	0.94	139	1.22	110	1.55	89	1.93
9	247	0.69	182	0.94	139	1.22	110	1.55	89	1.93
12	247	0.69	182	0.94	139	1.22	110	1.55	89	1.93
18	247	0.69	182	0.94	139	1.22	110	1.55	89	1.93
24	247	0.69	182	0.94	139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

Blue = Corrugated Bottom

Red = -06C Corrugated Bottom

A S X71

Use ASX7 fittings

NEMA 20C 16C+, 12C


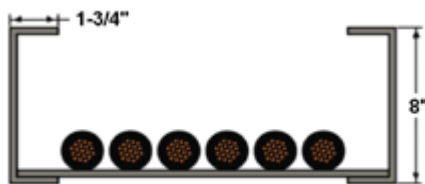
Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	278	0.69	204	0.94	156	1.23	123	1.56	100	1.92
9	278	0.69	204	0.94	156	1.23	123	1.56	100	1.92
12	278	0.69	204	0.94	156	1.23	123	1.56	100	1.92
18	278	0.69	204	0.94	156	1.23	123	1.56	100	1.92
24	278	0.69	204	0.94	156	1.23	123	1.56	100	1.92
**30	278	0.69	204	0.94	156	1.23	123	1.56	100	1.92
**36	278	0.69	204	0.94	156	1.23	123	1.56	100	1.92

Blue = Corrugated Bottom

Red = -06C Corrugated Bottom

A S L1

Use ASL1 fittings

NEMA 20C+, 16C+, 12C


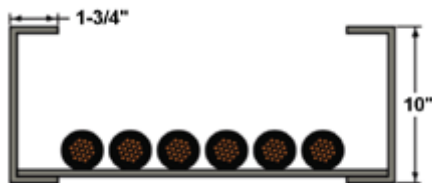
Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	367	0.75	269	1.02	206	1.33	163	1.68	132	2.07
9	367	0.75	269	1.02	206	1.33	163	1.68	132	2.07
12	367	0.75	269	1.02	206	1.33	163	1.68	132	2.07
18	367	0.75	269	1.02	206	1.33	163	1.68	132	2.07
24	367	0.75	269	1.02	206	1.33	163	1.68	132	2.07
**30	367	0.75	269	1.02	206	1.33	163	1.68	132	2.07
**36	367	0.75	269	1.02	206	1.33	163	1.68	132	2.07

Blue = Corrugated Bottom

Red = -06C Corrugated Bottom

A S D1

Use ASD1 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	397	0.46	292	0.62	223	0.81	177	1.03	143	1.27
9	397	0.46	292	0.62	223	0.81	177	1.03	143	1.27
12	397	0.46	292	0.62	223	0.81	177	1.03	143	1.27
18	397	0.46	292	0.62	223	0.81	177	1.03	143	1.27
24	397	0.46	292	0.62	223	0.81	177	1.03	143	1.27
**30	397	0.46	292	0.62	223	0.81	177	1.03	143	1.27
**36	397	0.46	292	0.62	223	0.81	177	1.03	143	1.27

Blue = Corrugated Bottom

Red = -06C Corrugated Bottom



Steel Ventilated Trough Numbering System

SJ2-24-144				
S	()	J2-	24-	144
Material	Bottom	Tray Type	Width in Inches	Length in Inches
Materials: S =HDGAF Steel P =Mill Galv. Steel	Bottom Leave this space blank for 6"-24" Wide Ventilated Trough Insert "4" for 4" Rung Spacing 30" & 36" Wide Ventilated Trough	Tray Types: Steel HA, J2, KC, M61, MD4, YD, XB, XB7, XC, XD, MD7, MD74	Widths: 6" 9" 12" 18" 24" 30" 36"	Lengths: HA, J2, KC, M61, MD4, MD7, and MD74 available in 10' (120") & 12' (144") only All others available in 10' (120"), 12' (144"), 20' (240") & 24' (288")

S-TROUGH

Other Technical Data



Depth:

3-3/8, 4, 6 & 7 inches nominal

Fittings:

12, 24, or 36 inch standard radii (See the Fittings Section 10 of this catalog)

Trough Bottoms:

All troughs 6" - 24" wide have ventilated corrugated bottoms. 30" and 36" wide have 4" rung spacing.

Splice Plates:

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

Safety Factor:

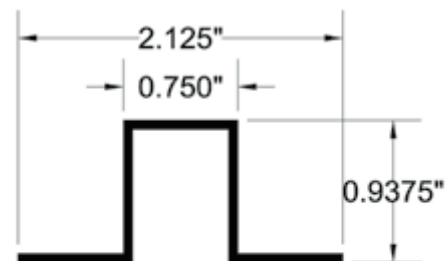
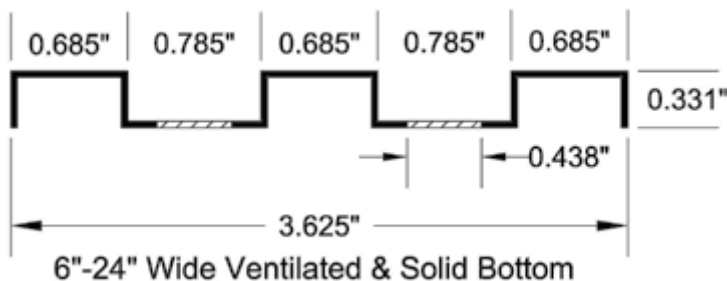
1.5 NEMA Standard

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



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

Bottom Dimensions



Hot Dip Galvanized After Fabrication
S HA

Use SHA fittings

S 4 HA

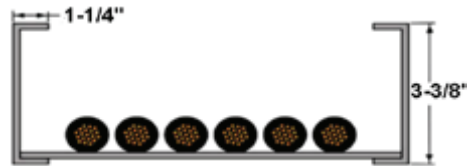
Use S4HA fittings

Mill-Galvanized
P HA

Use PHA fittings

P 4 HA

Use P4HA fittings

NEMA 12A+


Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	585	0.10	260	0.22	146	0.40	94	0.62	65	0.89
9	585	0.10	260	0.22	146	0.40	94	0.62	65	0.89
12	585	0.10	260	0.22	146	0.40	94	0.62	65	0.89
18	490*	0.08	260	0.22	146	0.40	94	0.62	65	0.89
24	367*	0.06	260	0.22	146	0.40	94	0.62	65	0.89
30	585	0.10	260	0.22	146	0.40	94	0.62	65	0.89
36	585	0.10	260	0.22	146	0.40	94	0.62	65	0.89

Blue = Corrugated Bottom

Red = 4" Rung Spacing

Hot Dip Galvanized After Fabrication
S J2

Use SJ2 fittings

S 4 J2

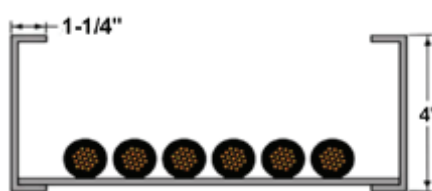
Use S4J2 fittings

Mill-Galvanized
P J2

Use PJ2 fittings

P 4 J2

Use P4J2 fittings

NEMA 12B+


Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	729	0.09	324	0.19	182	0.33	117	0.52	81	0.75
9	729	0.09	324	0.19	182	0.33	117	0.52	81	0.75
12	729	0.09	324	0.19	182	0.33	117	0.52	81	0.75
18	490*	0.07	324	0.19	182	0.33	117	0.52	81	0.75
24	367*	0.05	324	0.19	182	0.33	117	0.52	81	0.75
30	729	0.09	324	0.19	182	0.33	117	0.52	81	0.75
36	729	0.09	324	0.19	182	0.33	117	0.52	81	0.75

Blue = Corrugated Bottom

Red = 4" Rung Spacing

Hot Dip Galvanized After Fabrication
S KC

Use SKC fittings

S 4 KC

Use S4KC fittings

Mill-Galvanized
P KC

Use PKC fittings

P 4 KC

Use P4KC fittings

NEMA 12C+


Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	1098	0.09	488	0.20	275	0.35	176	0.55	122	0.80
9	980*	0.08	488	0.20	275	0.35	176	0.55	122	0.80
12	735*	0.06	488	0.20	275	0.35	176	0.55	122	0.80
18	490*	0.04	488	0.20	275	0.35	176	0.55	122	0.80
24	367*	0.03	367*	0.15	275	0.35	176	0.55	122	0.80
30	1098	0.09	488	0.20	275	0.35	176	0.55	122	0.80
36	1098	0.09	430*	0.18	275	0.35	176	0.55	122	0.80

Blue = Corrugated Bottom

Red = 4" Rung Spacing

Hot Dip Galvanized After Fabrication**S YD**

Use SYD fittings

S 4 YD

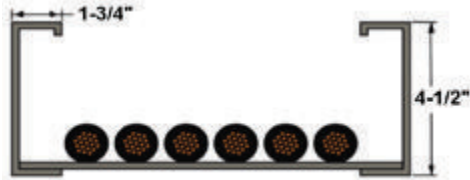
Use S4YD fittings

Mill-Galvanized**P YD**

Use PYD fittings

P 4 YD

Use P4YD 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

Blue = Corrugated Bottom

Red = 4" Rung Spacing

Hot Dip Galvanized After Fabrication**S M61**

Use SM61 fittings

S 4 M61

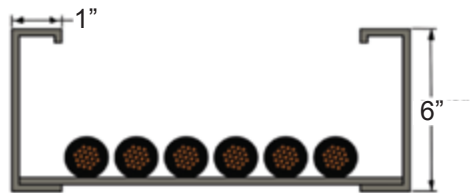
Use S4M61 fittings

Mill-Galvanized**P M61**

Use PM61 fittings

P 4 M61

Use P4M61 fittings

NEMA 12B+

Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	855	0.05	380	0.11	214	0.19	137	0.29	95	0.42
9	855	0.05	380	0.11	214	0.19	137	0.29	95	0.42
12	735*	0.04	380	0.11	214	0.19	137	0.29	95	0.42
18	490*	0.03	380	0.11	214	0.19	137	0.29	95	0.42
24	367*	0.02	367*	0.10	214	0.19	137	0.29	95	0.42
30	855	0.05	380	0.11	214	0.19	137	0.29	95	0.42
36	855	0.05	380	0.11	214	0.19	137	0.29	95	0.42

Blue = Corrugated Bottom

Red = 4" Rung Spacing

Hot Dip Galvanized After Fabrication**S MD4**

Use SMD4 fittings

S 4 MD4

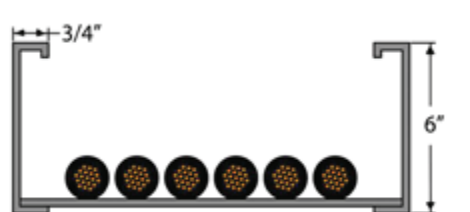
Use S4MD4 fittings

Mill-Galvanized**P MD4**

Use PMD4 fittings

P 4 MD4

Use P4MD4 fittings

NEMA 12C+

Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	1170	0.05	520	0.11	293	0.19	187	0.30	130	0.44
9	980*	0.04	520	0.11	293	0.19	187	0.30	130	0.44
12	735*	0.03	520	0.11	293	0.19	187	0.30	130	0.44
18	490*	0.02	490*	0.10	293	0.19	187	0.30	130	0.44
24	367*	0.02	367*	0.08	293	0.19	187	0.30	130	0.44
30	1170	0.05	520	0.11	293	0.19	187	0.30	130	0.44
36	1170	0.05	520	0.11	293	0.19	187	0.30	130	0.44

Blue = Corrugated Bottom

Red = 4" Rung Spacing

Hot Dip Galvanized After Fabrication
S XB

Use SXB fittings

S 4 XB

Use S4XB fittings

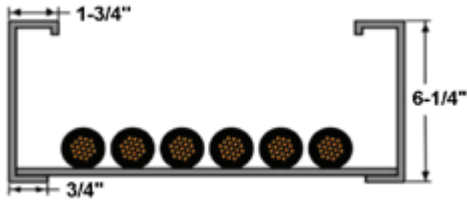
Mill-Galvanized

P XB

Use PXB fittings

P 4 XB

Use P4XB fittings

NEMA 20B, 16C+


Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	208	0.64	153	0.86	117	1.40	93	1.42	75	1.76
9	208	0.64	153	0.86	117	1.40	93	1.42	75	1.76
12	208	0.64	153	0.86	117	1.40	93	1.42	75	1.76
18	208	0.64	153	0.86	117	1.40	93	1.42	75	1.76
24	208	0.64	153	0.86	117	1.40	93	1.42	75	1.76
30	208	0.64	153	0.86	117	1.40	93	1.42	75	1.76
36	208	0.64	153	0.86	117	1.40	93	1.42	75	1.76

Blue = Corrugated Bottom

Red = 4" Rung Spacing

Hot Dip Galvanized After Fabrication
S XC

Use SXC fittings

S 4 XC

Use S4XC fittings

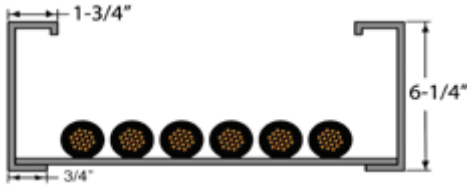
Mill-Galvanized

P XC

Use PXC fittings

P 4 XC

Use P4XC fittings

NEMA 20C+, 16C+


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	328	0.80	241	1.09	184	1.43	146	1.81	118	2.24
30	328	0.80	241	1.09	184	1.43	146	1.81	118	2.24
36	328	0.80	241	1.09	184	1.43	146	1.81	118	2.24

Blue = Corrugated Bottom

Red = 4" Rung Spacing

Hot Dip Galvanized After Fabrication
S XD

Use SXD fittings

S 4 XD

Use S4XD fittings

Mill-Galvanized

P XD

Use PXD fittings

P 4 XD

Use P4XD 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	119	2.32	94	2.94
9	376	0.74	212	1.30	135	2.05	119	2.32	94	2.94
12	376	0.74	212	1.30	135	2.05	119	2.32	94	2.94
18	376	0.74	212	1.30	135	2.05	119	2.32	94	2.94
24	367*	0.72	212	1.30	135	2.05	119	2.32	94	2.94
30	376	0.74	212	1.30	135	2.05	119	2.32	94	2.94
36	376	0.74	212	1.30	135	2.05	119	2.32	94	2.94

Blue = Corrugated Bottom

Red = 4" Rung Spacing

**Hot Dip Galvanized After Fabrication****S MD7**

Use SMD7 fittings

S 4 MD7

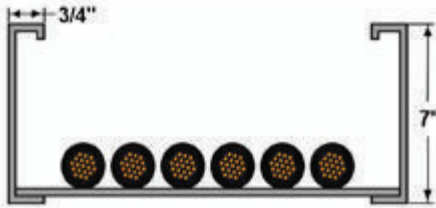
Use S4MD7 fittings

Mill-Galvanized**P MD7**

Use PMD7 fittings

P 4 MD7

Use P4MD7 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	900	0.03	400	0.07	225	0.12	144	0.19	100	0.28
12	735*	0.03	400	0.07	225	0.12	144	0.19	100	0.28
18	490*	0.02	400	0.07	225	0.12	144	0.19	100	0.28
24	367*	0.01	367*	0.06	225	0.12	144	0.19	100	0.28
30	900	0.03	400	0.07	225	0.12	144	0.19	100	0.28
36	900	0.03	400	0.07	225	0.12	144	0.19	100	0.28

Blue = Corrugated Bottom

Red = 4" Rung Spacing

5-TROUGH

Hot Dip Galvanized After Fabrication**S MD74**

Use SMD74 fittings

S 4 MD74

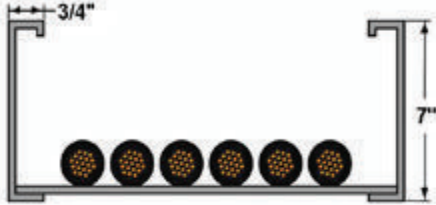
Use S4MD74 fittings

Mill-Galvanized**P MD74**

Use PMD74 fittings

P 4 MD74

Use P4MD74 fittings

NEMA 12C+

Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	1469*	0.07	840	0.12	473	0.21	302	0.33	210	0.47
9	980*	0.05	840	0.12	473	0.21	302	0.33	210	0.47
12	735*	0.04	735*	0.11	473	0.21	302	0.33	210	0.47
18	490*	0.02	490*	0.07	473	0.21	302	0.33	210	0.47
24	367*	0.02	367*	0.05	367*	0.16	302	0.33	210	0.47
30	1813*	0.09	840	0.12	473	0.21	302	0.33	210	0.47
36	1511*	0.07	840	0.12	473	0.21	302	0.33	210	0.47

Blue = Corrugated Bottom

Red = 4" Rung Spacing

Hot Dip Galvanized After Fabrication**S XB7**

Use SXB7 fittings

S 4 XB7

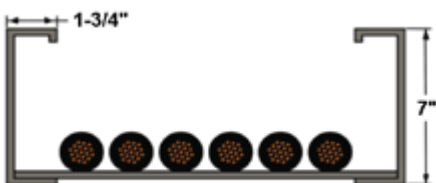
Use S4XB7 fittings

Mill-Galvanized**P XB7**

Use PXB7 fittings

P 4 XB7

Use P4XB7 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	380	0.67	214	1.19	137	1.86	103	2.05	86	2.44
24	367*	0.65	214	1.19	137	1.86	103	2.05	86	2.44
30	380	0.67	214	1.19	137	1.86	103	2.05	86	2.44
36	380	0.67	214	1.19	137	1.86	103	2.05	86	2.44

Blue = Corrugated Bottom

Red = 4" Rung Spacing



Steel Solid Bottom Trough Numbering System

SSJ2-24-144				
S	S	J2-	24-	144
Material	Bottom	Tray Type	Width in Inches	Length in Inches
Materials: S =HDGAF Steel P =Mill-Galv. Steel	Bottom S = Solid Bottom	Tray Types: Steel HA, J2, KC, M61, MD4, YD, XB, XB7, XC, XD, MD7, MD74	Widths: 6" 9" 12" 18" 24" 30" 36"	Lengths: HA, J2, KC, M61, MD4, and MD74 available in 10' (120") & 12' (144") only All others available in 10' (120"), 12' (144"), 20' (240") & 24' (288")

S-TROUGH

Other Technical Data


Depth:

3-3/8, 4, 6 and 7 inches nominal

Fittings:

12, 24, or 36 inch standard radii (See the Fittings Section 10 of this catalog)

Trough Bottoms:

All troughs 6" - 24" wide have solid corrugated bottoms. 30" and 36" wide have (-06C) solid bottom.

Splice Plates:

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

Safety Factor:

1.5 NEMA Standard

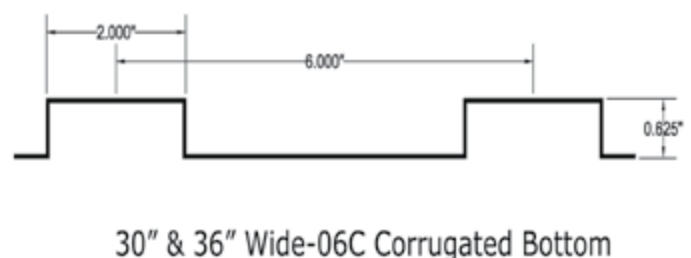
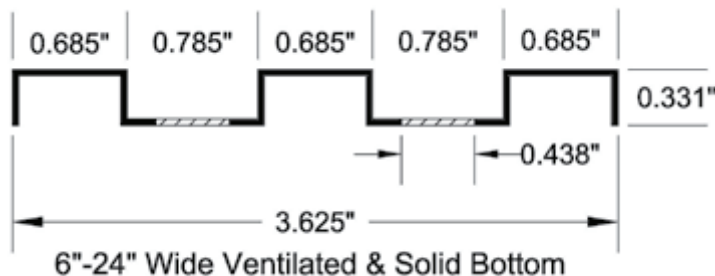


(For other tray sizes or specifications, please consult the factory)

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

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

Bottom Dimensions



Hot Dip Galvanized After Fabrication

S S HA

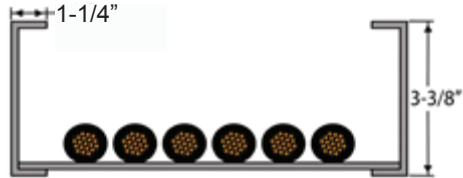
Use SSHA fittings

Mill-Galvanized

P S HA

Use PSHA fittings

NEMA 12A



Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	585	0.10	260	0.22	146	0.40	94	0.62	65	0.89
9	585	0.10	260	0.22	146	0.40	94	0.62	65	0.89
12	585	0.10	260	0.22	146	0.40	94	0.62	65	0.89
18	585	0.10	260	0.22	146	0.40	94	0.62	65	0.89
24	547*	0.09	260	0.22	146	0.40	94	0.62	65	0.89
30	585	0.10	260	0.22	146	0.40	94	0.62	65	0.89
36	585	0.10	260	0.22	146	0.40	94	0.62	65	0.89

Blue = Corrugated Bottom

Red = (-06C) Corrugated Bottom

Hot Dip Galvanized After Fabrication

S S J2

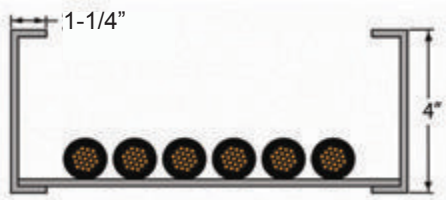
Use SSJ2 fittings

Mill-Galvanized

P S J2

Use PSJ2 fittings

NEMA 12B+



Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	729	0.09	324	0.19	182	0.33	117	0.52	81	0.75
9	729	0.09	324	0.19	182	0.33	117	0.52	81	0.75
12	729	0.09	324	0.19	182	0.33	117	0.52	81	0.75
18	729	0.09	324	0.19	182	0.33	117	0.52	81	0.75
24	547*	0.07	324	0.19	182	0.33	117	0.52	81	0.75
30	729	0.09	324	0.19	182	0.33	117	0.52	81	0.75
36	729	0.09	324	0.19	182	0.33	117	0.52	81	0.75

Blue = Corrugated Bottom

Red = (-06C) Corrugated Bottom

Hot Dip Galvanized After Fabrication

S S KC

Use SSKC fittings

Mill-Galvanized

P S KC

Use PSKC fittings

NEMA 12C+



Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	1098	0.09	488	0.20	275	0.35	176	0.55	122	0.80
9	1098	0.09	488	0.20	275	0.35	176	0.55	122	0.80
12	1094*	0.09	488	0.20	275	0.35	176	0.55	122	0.80
18	729*	0.06	488	0.20	275	0.35	176	0.55	122	0.80
24	547*	0.05	488	0.20	275	0.35	176	0.55	122	0.80
30	1098	0.09	488	0.20	275	0.35	176	0.55	122	0.80
36	1044*	0.09	488	0.20	275	0.35	176	0.55	122	0.80

Blue = Corrugated Bottom

Red = (-06C) Corrugated Bottom



Hot Dip Galvanized After Fabrication

SS YD

Use SSYD fittings

Mill-Galvanized

PS YD

Use PSYD 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

Blue = Corrugated Bottom

Red = (-06C) Corrugated Bottom

5-TROUGH

Hot Dip Galvanized After Fabrication

SS M61

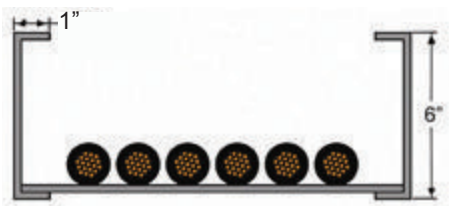
Use SSM61 fittings

Mill-Galvanized

PS M61

Use PSM61 fittings

NEMA 12B+



Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	855	0.05	380	0.11	214	0.19	137	0.29	95	0.42
9	855	0.05	380	0.11	214	0.19	137	0.29	95	0.42
12	855	0.05	380	0.11	214	0.19	137	0.29	95	0.42
18	729*	0.04	380	0.11	214	0.19	137	0.29	95	0.42
24	547*	0.03	380	0.11	214	0.19	137	0.29	95	0.42
30	855	0.05	380	0.11	214	0.19	137	0.29	95	0.42
36	855	0.05	380	0.11	214	0.19	137	0.29	95	0.42

Blue = Corrugated Bottom

Red = (-06C) Corrugated Bottom

Hot Dip Galvanized After Fabrication

SS MD4

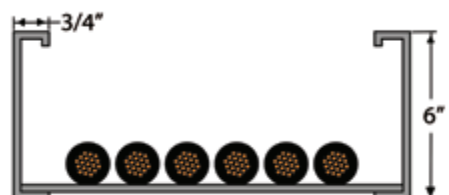
Use SSMD4 fittings

Mill-Galvanized

PS MD4

Use PSMD4 fittings

NEMA 12C+



Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	1170	0.05	520	0.11	293	0.19	187	0.30	130	0.44
9	1170	0.05	520	0.11	293	0.19	187	0.30	130	0.44
12	1094*	0.05	520	0.11	293	0.19	187	0.30	130	0.44
18	729*	0.03	520	0.11	293	0.19	187	0.30	130	0.44
24	547*	0.02	520	0.11	293	0.19	187	0.30	130	0.44
30	1170	0.05	520	0.11	293	0.19	187	0.30	130	0.44
36	1044*	0.05	520	0.11	293	0.19	187	0.30	130	0.44

Blue = Corrugated Bottom

Red = (-06C) Corrugated Bottom

Hot Dip Galvanized After Fabrication

S S XB

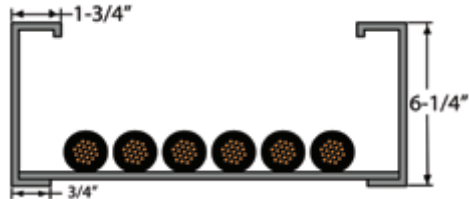
Use SSXB fittings

Mill-Galvanized

P S XB

Use PSXB fittings

NEMA 20B, 16C+



Span (ft.)	12		14		16		18		20	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	208	0.64	153	0.86	117	1.40	93	1.42	75	1.76
9	208	0.64	153	0.86	117	1.40	93	1.42	75	1.76
12	208	0.64	153	0.86	117	1.40	93	1.42	75	1.76
18	208	0.64	153	0.86	117	1.40	93	1.42	75	1.76
24	208	0.64	153	0.86	117	1.40	93	1.42	75	1.76
30	208	0.64	153	0.86	117	1.40	93	1.42	75	1.76
36	208	0.64	153	0.86	117	1.40	93	1.42	75	1.76

Blue = Corrugated Bottom

Red = (-06C) Corrugated Bottom

Hot Dip Galvanized After Fabrication

S S XC

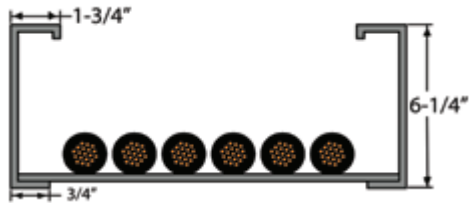
Use SSXC fittings

Mill-Galvanized

P S XC

Use PSXC fittings

NEMA 20C+, 16C+



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	328	0.80	241	1.09	184	1.43	146	1.81	118	2.24
30	328	0.80	241	1.09	184	1.43	146	1.81	118	2.24
36	328	0.80	241	1.09	184	1.43	146	1.81	118	2.24

Blue = Corrugated Bottom

Red = (-06C) Corrugated Bottom

Hot Dip Galvanized After Fabrication

S S XD

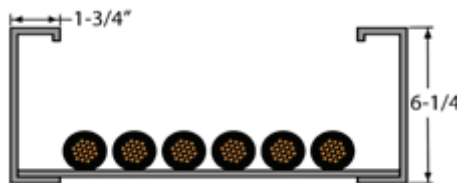
Use SSXD fittings

Mill-Galvanized

P S XD

Use PSXD 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	119	2.32	94	2.94
9	376	0.74	212	1.30	135	2.05	119	2.32	94	2.94
12	376	0.74	212	1.30	135	2.05	119	2.32	94	2.94
18	376	0.74	212	1.30	135	2.05	119	2.32	94	2.94
24	376	0.74	212	1.30	135	2.05	119	2.32	94	2.94
30	376	0.74	212	1.30	135	2.05	119	2.32	94	2.94
36	376	0.74	212	1.30	135	2.05	119	2.32	94	2.94

Blue = Corrugated Bottom

Red = (-06C) Corrugated Bottom



Hot Dip Galvanized After Fabrication

S S MD7

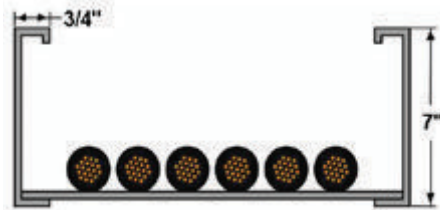
Use SSMD7 fittings

Mill-Galvanized

P S MD7

Use PSMD7 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	900	0.03	400	0.07	225	0.12	144	0.19	100	0.28
12	900	0.03	400	0.07	225	0.12	144	0.19	100	0.28
18	729*	0.02	400	0.07	225	0.12	144	0.19	100	0.28
24	547*	0.02	400	0.07	225	0.12	144	0.19	100	0.28
30	900	0.03	400	0.07	225	0.12	144	0.19	100	0.28
36	900	0.03	400	0.07	225	0.12	144	0.19	100	0.28

Blue = Corrugated Bottom

Red = (-06C) Corrugated Bottom

5-TROUGH

Hot Dip Galvanized After Fabrication

S S MD74

Use SSMD74 fittings

Mill-Galvanized

P S MD74

Use PSMD74 fittings

NEMA 12C+



Span (ft.)	4		6		8		10		12	
Width (in.)	Load	Defl	Load	Defl	Load	Defl	Load	Defl	Load	Defl
6	1890	0.02	840	0.12	473	0.21	302	0.33	210	0.47
9	1459*	0.02	840	0.12	473	0.21	302	0.33	210	0.47
12	1094*	0.01	840	0.12	473	0.21	302	0.33	210	0.47
18	729*	0.01	729*	0.10	473	0.21	302	0.33	210	0.47
24	547*	0.01	547*	0.08	473	0.21	302	0.33	210	0.47
30	1252*	0.01	840	0.12	473	0.21	302	0.33	210	0.47
36	1044*	0.01	840	0.12	473	0.21	302	0.33	210	0.47

Blue = Corrugated Bottom

Red = (-06C) Corrugated Bottom

Hot Dip Galvanized After Fabrication

S S XB7

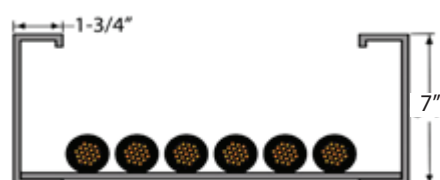
Use SSXB7 fittings

Mill-Galvanized

P S XB7

Use PSXB7 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	380	0.67	214	1.19	137	1.86	103	2.05	86	2.44
24	380	0.67	214	1.19	137	1.86	103	2.05	86	2.44
30	380	0.67	214	1.19	137	1.86	103	2.05	86	2.44
36	380	0.67	214	1.19	137	1.86	103	2.05	86	2.44

Blue = Corrugated Bottom

Red = (-06C) Corrugated Bottom

