

Industrial

In the industrial sector, our enclosures provide maximum protection against the elements, contaminants, and harsh conditions.

Their design, focused on accessibility, makes identification and servicing easier. This helps your teams speed up diagnostics and reduce downtime, while ensuring compliance with the strictest standards.

Essentials for your installations

- Single-door enclosures
- Double-door enclosures
- Free-standing cabinets
- Consoles
- Push-button enclosures
- Sealed wireways
- Pedestals and bases

Application examples

- Indoor control stations (Type 1): protection of pneumatic, hydraulic, or electrical control instruments.
- Demanding indoor/outdoor environments (Type 4/4X/12, IP-65): general-purpose enclosures designed to protect instruments in the field.
- High-corrosion areas (stainless steel): indoor or outdoor use where corrosion resistance is critical for instrument protection.
- Applications requiring tight sealing and secure access: gasketed covers, $\frac{1}{4}$ latches.



K Series

NEMA 1 - Single Door Enclosures



Type 1 general purpose enclosure designed to house electrical, pneumatic or hydraulic instruments.

Technical specifications:

- 16 or 14 gauge steel
- Slip hinges enabling door removal for easier access and mounting
- 1/4 turn latch
- 14 or 12 gauge galvanized steel panel on collar studs natural finish (unpainted)
- Grounding stud on inner cover surface
- Grounding hole on mounting panel with grounding screw
- ANSI/ASA61 grey polyester

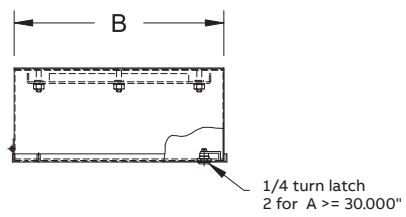


Cat. No.	Dimensions			D	Panel E	Mounting holes		1/4 turn Qty.	Weight lbs.
	A	B	C			F	G		
K161208	16	12	8	15	11	16.5	9.5	1	26
K201608	20	16	8	18	14	21.5	10	1	38
K202008	20	20	8	18	18	21.5	14	1	45
K242008	24	20	8	22	18	25.5	14	1	53
K242010-Z	24	20	10	22	22	25.5	14	1	57
K242410	24	24	10	22	18	25.5	18	1	66
K302008	30	20	8	28	22	31.5	14	2	65
K302408	30	24	8	28	22	31.5	18	2	77
K302410	30	24	10	28	22	31.5	18	2	83
K302412	30	24	12	28	22	31.5	18	2	92
K302416	30	24	16	28	22	31.5	18	2	100
K362408	36	24	8	34	22	37.5	18	2	90
K362410	36	24	10	34	22	37.5	18	2	95
K363010	36	30	10	34	28	37.5	24	2	115
K363012	36	30	12	34	28	37.5	24	2	127
K363016	36	30	16	34	28	37.5	24	2	140
K422410	42	24	10	40	22	43.5	18	2	106
K423012	42	30	12	40	28	43.5	24	2	131
K423612	42	36	12	40	34	43.5	30	2	156
K483612	48	36	12	46	34	49.5	30	2	173

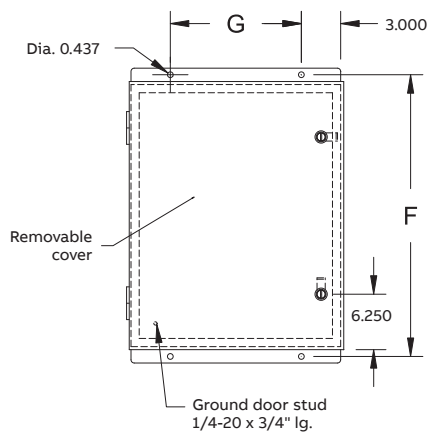
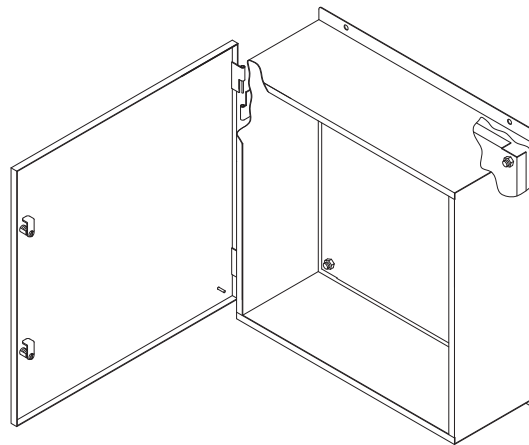
K Series

NEMA 1 - Single Door Enclosures

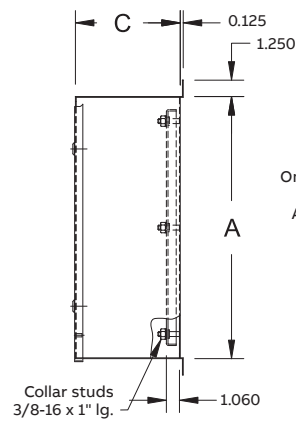
Diagrams



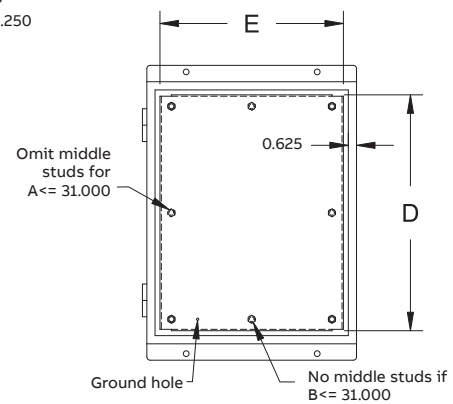
Top view



Front view



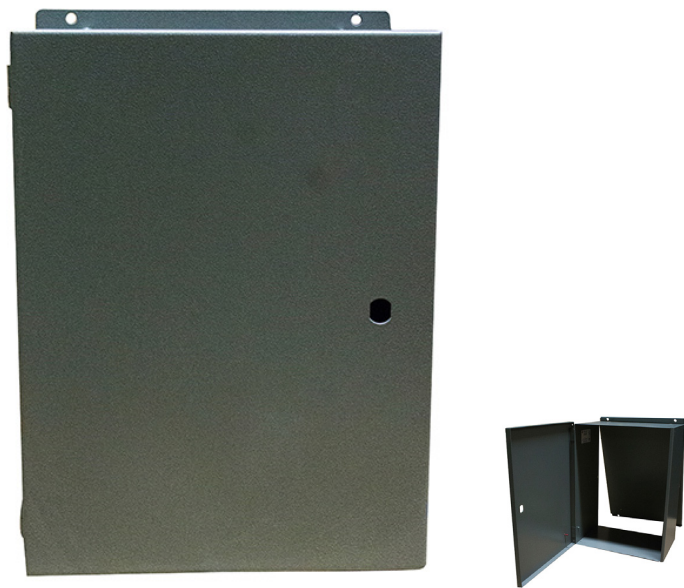
Side view



Front view
(without door)

L Series

NEMA 1 - Single Door Enclosures



Type 1 general purpose enclosure designed to house electrical, pneumatic or hydraulic instruments.

- Technical specifications:**
- 16 gauge steel frame and door
 - 16 or 14 gauge steel detachable mounting back
 - Slip hinges enabling door removal for easier access and mounting
 - 1/4 turn latch
 - Grounding stud on inner door side
 - Grounding screw on detachable back
 - ANSI/ASA61 grey polyester textured powder coating inside out

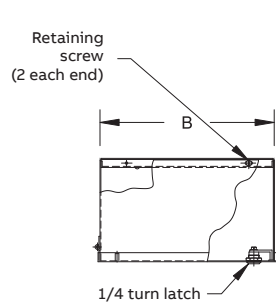


Cat. No.	Dimensions				Panel E	Mounting holes		Weight lbs.
	A	B	C	D		F	G	
L080606	8	6	6	7.849	5.849	8.875	3.5	6
L100804	10	8	4	9.849	7.849	10.875	5.5	12
L100806	10	8	6	9.849	7.849	10.875	5.5	8.5
L121007	12	10	7	11.849	9.849	12.875	7.5	16
L151206	15	12	6	14.849	11.849	15.875	9.5	25
L161207	16	12	7	15.849	11.849	16.875	9.5	21

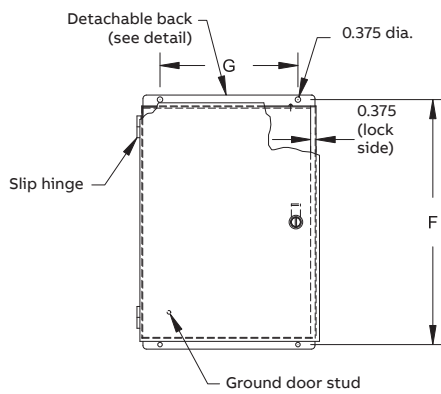
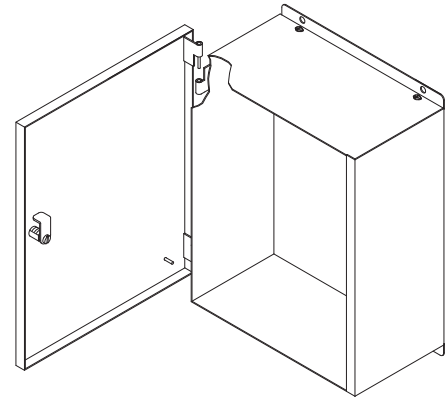
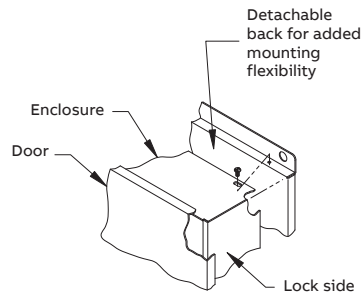
L Series

NEMA 1 - Single Door Enclosures

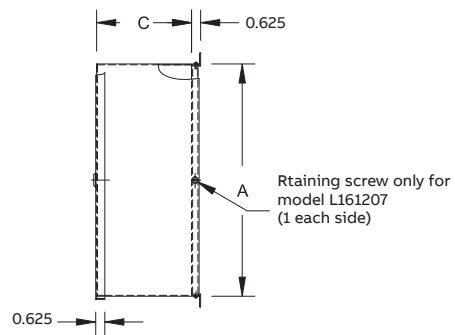
Diagrams



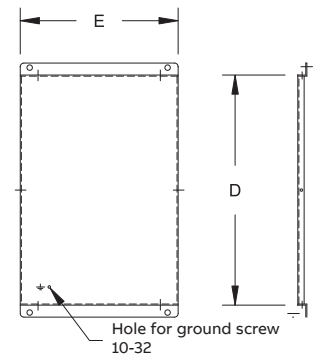
Top view



Front view



Side view



Detachable back panel

S Series

NEMA 4-4X-12 - Hinged Lift-Off Cover Enclosures

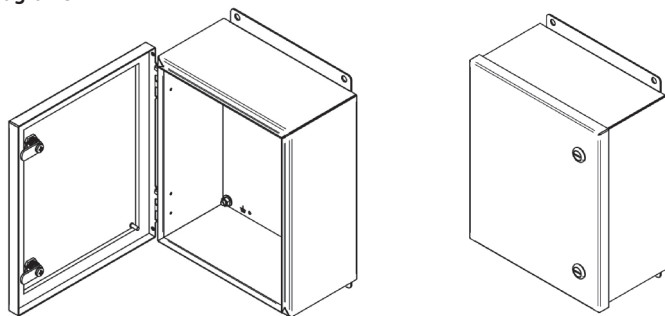


Type 4-4x-12 enclosure designed for indoor/outdoor housing of electrical, pneumatic or hydraulic instruments.

Technical specifications:

- 16 gauge steel
- Slip hinges enabling cover removal for easier access and mounting
- Seamless poured in place gasketed cover except, captive screw models with neoprene gasket
- Continuously welded and ground smooth seams
- 14 gauge galvanized steel panel natural finish (unpainted)
- 1/4 turn latch
- Grounding screw on mounting panel
- Grounding stud welded on inner cover surface
- ANSI/ASA61 grey polyester textured powder coating inside out

Diagrams



Cat. No.	Dimensions			Panel E x F	Weight lbs.
	A	B	C		
S040403*	4	4	3	pas de plaque	2
S040404*	4	4	4	pas de plaque	3.5
S060403*	6	4	3	4.875 x 2.875	3
S060404*	6	4	4	4.875 x 2.875	4
S060604	6	6	4	4.875 x 4.875	5
S080604	8	6	4	6.875 x 4.875	7
S080804	8	8	4	6.875 x 6.875	8
S100804	10	8	4	8.875 x 6.875	10
S121005	12	10	5	10.875 x 8.875	15
S100806	10	8	6	8.875 x 6.875	11
S101006	10	10	6	8.875 x 8.875	14
S121206	12	12	6	10.875 x 10.875	18
S141206-Z	14	12	6	12.875 x 10.875	21
S161406	16	14	6	14.875 x 12.875	26
S121008	12	10	8	10.875 x 8.875	18
S141208	14	12	8	12.875 x 10.875	22
S161408	16	14	8	14.875 x 12.875	24
S161410	16	14	10	14.875 x 12.875	28

* Captive crew

S Series Large Model

NEMA 4-4X-12 - Hinged Lift-Off Cover Enclosures

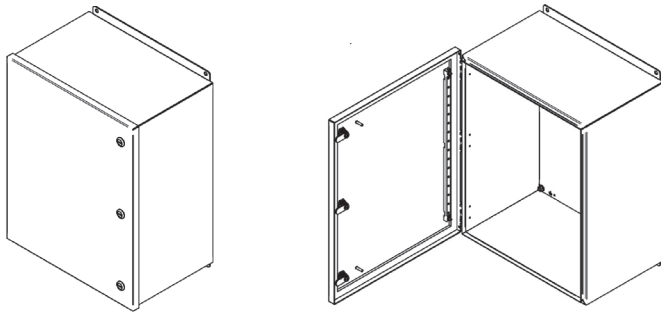


Type 4-4x-12 enclosure designed for indoor/outdoor housing of electrical, pneumatic or hydraulic instruments.

Technical specifications:

- 16 gauge steel
- Slip hinges enabling cover removal for easier access and mounting
- Seamless poured in place gasketed cover
- Continuously welded and ground smooth seams
- 1/4 turn latch
- 14 gauge galvanized steel panel natural finish (unpainted)
- Grounding screw on mounting panel
- Grounding stud welded on inner cover surface
- ANSI/ASA61 grey polyester textured powder coating inside out
- 4 studs 10-32 UNC x 3/4" inside door installed for mounting rail (one supplied)

Diagrams



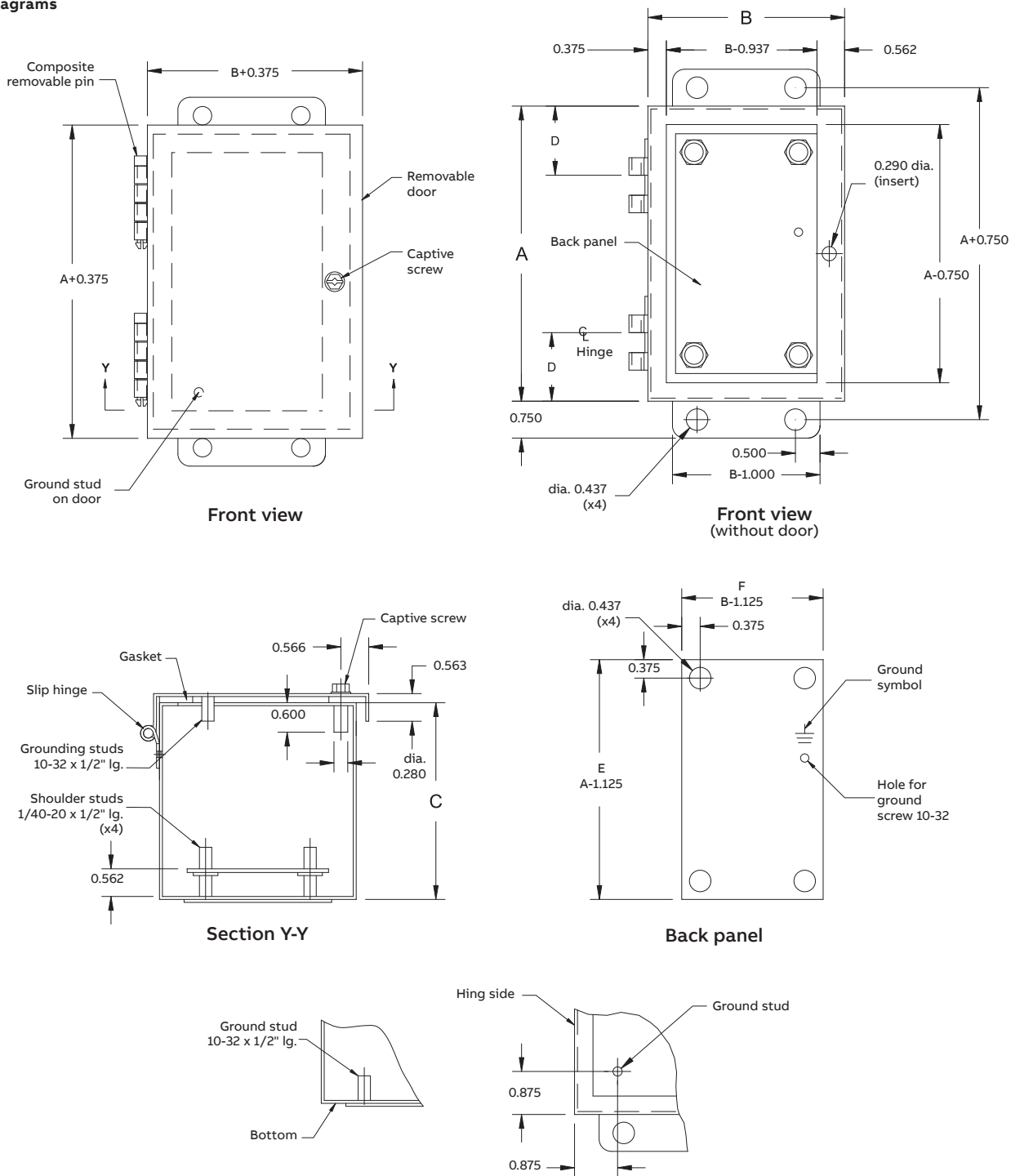
Cat. No.	Dimensions			Panel E x F	Weight lbs.
	A	B	C		
S201206	20	12	6	18.875 x 10.875	21
S201606	20	16	6	18.875 x 14.875	26
S241206	24	12	6	22.875 x 10.875	24
S241606	24	16	6	22.875 x 14.875	30
S242006	24	20	6	22.875 x 18.875	36
S201208	20	12	8	18.875 x 10.875	23
S201608	20	16	8	18.875 x 14.875	28
S241208	24	12	8	22.875 x 10.875	26
S241608	24	16	8	22.875 x 14.875	33
S242008	24	20	8	22.875 x 18.875	39
S201610	20	16	10	18.875 x 14.875	31
S241210	24	12	10	22.875 x 10.875	29
S241610	24	16	10	22.875 x 14.875	35
S242010	24	20	10	22.875 x 18.875	42

S Series

NEMA 4-4X-12 - Hinged Lift-Off Cover Enclosures

For models : S040403, S040404, S060403 and S060404

Diagrams

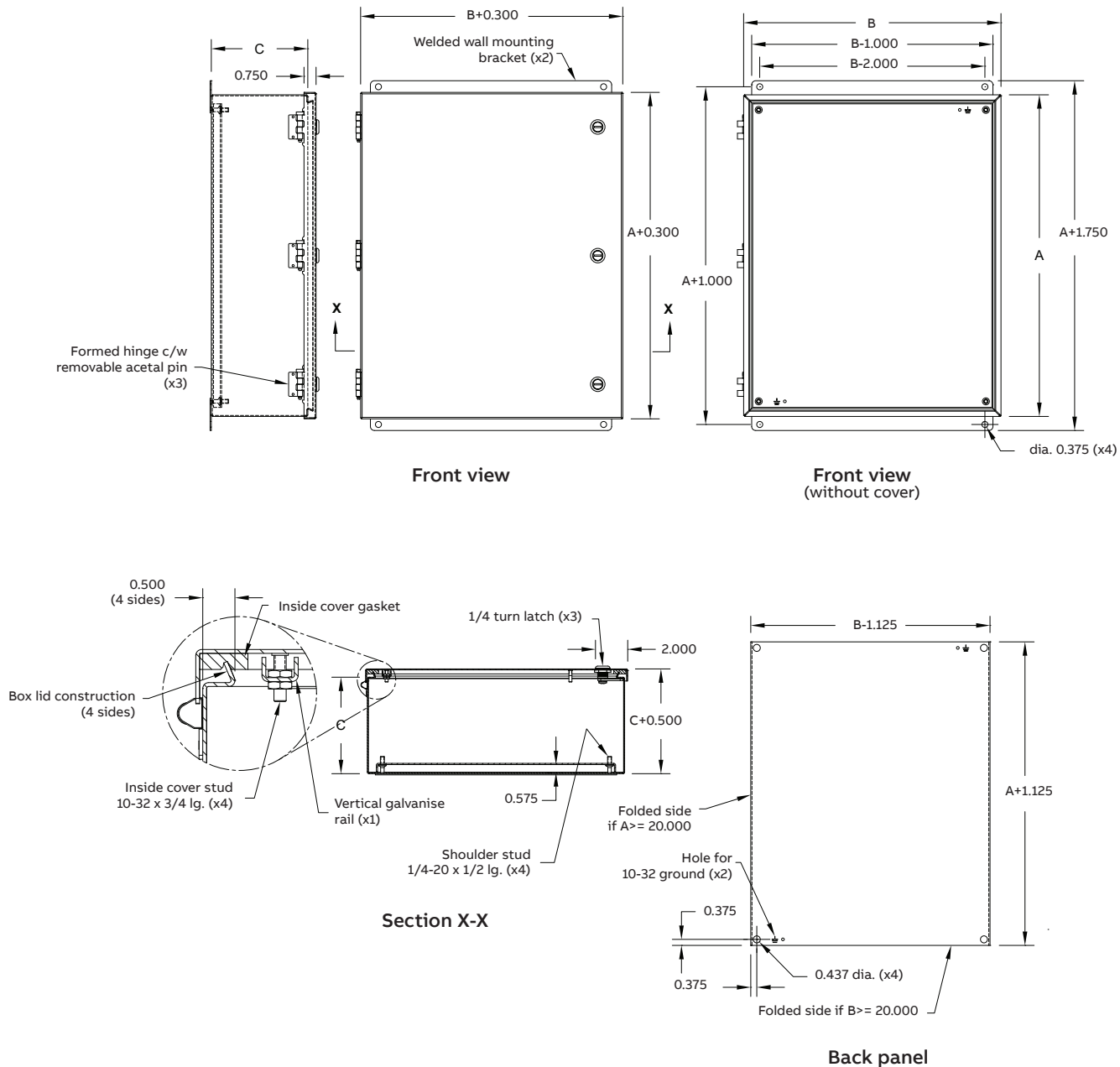


No mounting panel for S040403 & S040404
grounding stud only

S Series

NEMA 4-4X-12 - Hinged Lift-Off Cover Enclosures

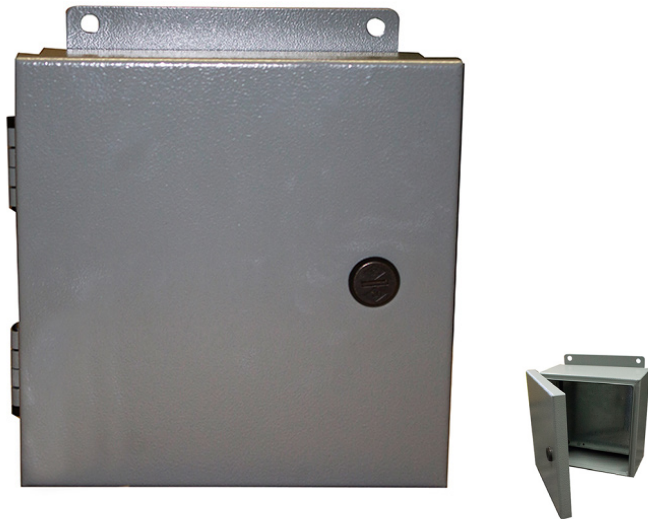
Diagrams



A	Hinge Qty.	1/4 turn Latch or captive screw Qty.		A	Hinge positions B
0" @ 5"	1	1	Captive screw if B < 6.000 1/4 turn for other	0" @ 5"	C/L
6" @ 9"	2	1		6" @ 9"	1.375
10" @ 16"	2	2		10" @ 16"	2.000
20" @ 24"	3	3		20" @ 24"	2.000

S..AL Series

NEMA 4-4X-12 - Hinged Lift-Off Cover Enclosures



Type 4-4x-12 aluminium enclosure designed for indoor/outdoor housing of electrical, pneumatic or hydraulic instruments where corrosion is a determining factor.

Technical specifications:

- Quality utility grade aluminium
- Seamless poured in place gasketed cover
- Continuously welded and ground smooth seams
- 1/4 turn latches
- Galvanized steel panel natural finish (unpainted)
- Grounding screw on mounting panel
- Grounding stud welded on inner cover surface
- ANSI/ASA61 grey polyester textured powder coating inside out



Cat. No.	Dimensions			Panel E x F	Weight lbs.
	A	B	C		
S040403AL	4	4	3	no panel	1
S060403AL	6	4	3	4.875 x 2.875	1.5
S060604AL	6	6	4	4.875 x 4.875	2.5
S080604AL	8	6	4	6.875 x 4.875	3.5
S100804AL	10	8	4	8.875 x 6.875	4.5
S121005AL	12	10	5	10.875 x 8.875	7
S141206AL	14	12	6	12.875 x 10.875	10
S161406AL	16	14	6	14.875 x 12.875	13
S141208AL	14	12	8	12.875 x 10.875	12
S161410AL	16	14	10	14.875 x 12.875	15

S..SS Series

NEMA 4-4X-12 - Hinged Lift-Off Cover Enclosures



Type 4-4x-12 stainless steel enclosure designed for indoor/outdoor housing of electrical, pneumatic or hydraulic instruments where corrosion is a determining factor.

Technical specifications:

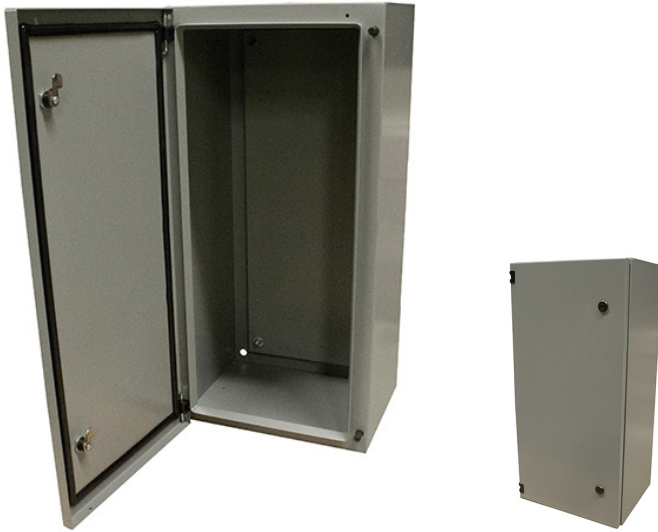
- 16 gauge 304-4 stainless steel natural finish
- 14 gauge galvanized steel panel natural finish
- Seamless poured in place gasketed cover
- Continuously welded and ground smooth seams
- Hinges and 1/4 turn latches made of stainless steel
- Grounding screw on mounting panel
- Grounding stud welded on inner cover surface



Cat. No.	Dimensions			Panel E x F	Weight lbs.
	A	B	C		
S060404SS	6	4	4	4.875 x 2.875	4
S060604SS	6	6	4	4.875 x 4.875	5
S080604SS	8	6	4	6.875 x 4.875	6
S100804SS	10	8	4	8.875 x 6.875	10
S121005SS	12	10	5	10.875 x 8.875	15
S100806SS	10	8	6	8.875 x 6.875	12
S121206SS	12	12	6	10.875 x 10.875	17
S080806SS	8	8	6	6.875 x 6.875	12
S141206SS	14	12	6	12.875 x 10.875	21
S161406SS	16	14	6	14.875 x 12.875	26
S141208SS	14	12	8	12.875 x 10.875	22
S161410SS	16	14	10	14.875 x 12.875	28

R Series

NEMA 4-4X-12 - Single Door Enclosures



Type 4-4x-12 enclosure designed for indoor/outdoor housing of electrical, pneumatic or hydraulic instruments.

Technical specifications:

- 16 or 14 gauge steel
- Removable cover with seamless poured in place gasket
- Continuously welded and ground smooth seams
- Padlock hasp supplied
- Interchangeable left/right side cover opening
- Cover stabilizing bumpers
- 1/4 turn latches
- Grounding studs welded on inner cover surface
- Galvanized mounting rail
- Galvanized steel mounting panel (unpainted)
- Four (4) wall mounting brackets offering multiple installation positioning
- Self-adhesive polymer BEL data pocket
- ANSI/ASA61 grey polyester textured powder

R Series

NEMA 4-4X-12 - Single Door Enclosures



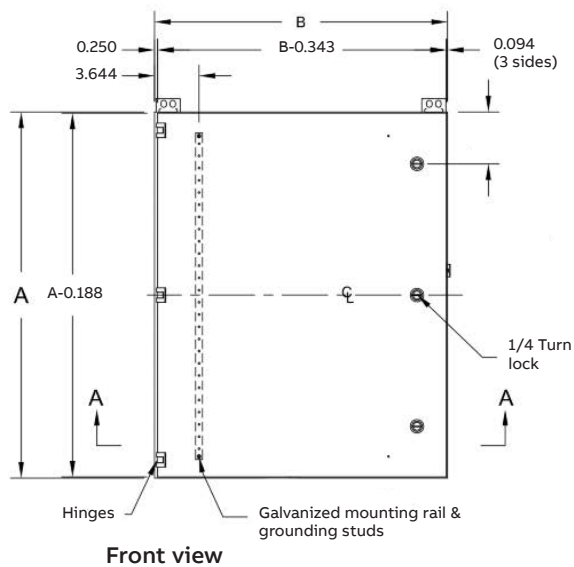
Cat. No.	Dimensions			Panel E x F	Weight lbs.
	A	B	C		
R122406	12	24	6	9 x 21	36
R161206	16	12	6	13 x 9	26
R161606	16	16	6	13 x 13	32
R162006	16	20	6	13 x 17	38
R201206	20	12	6	17 x 9	31
R201606	20	16	6	17 x 13	38
R202006	20	20	6	17 x 17	43
R202406	20	24	6	17 x 21	55
R241206	24	12	6	21 x 9	36
R241606	24	16	6	21 x 13	46
R242006	24	20	6	21 x 17	55
R242406	24	24	6	21 x 21	60
R301606	30	16	6	27 x 13	53
R302006	30	20	6	27 x 17	65
R302406	30	24	6	27 x 21	75
R362406	36	24	6	33 x 21	88
R363006	36	30	6	33 x 27	114
R122408	12	24	8	9 x 21	40
R161208	16	12	8	13 x 9	30
R161608	16	16	8	13 x 13	34
R162008	16	20	8	13 x 17	43
R201208	20	12	8	17 x 9	33
R201608	20	16	8	17 x 13	43
R202008	20	20	8	17 x 17	47
R202408	20	24	8	17 x 21	59
R241208	24	12	8	21 x 9	40
R241608	24	16	8	21 x 13	49
R242008	24	20	8	21 x 17	59
R242408-Z	24	24	8	21 x 21	68
R243008	24	30	8	21 x 27	85
R301208	30	12	8	27 x 9	42
R301608	30	16	8	27 x 13	54
R302008	30	20	8	27 x 17	70
R302408	30	24	8	27 x 21	82
R303008	30	30	8	27 x 27	102
R303608	30	36	8	27 x 33	121
R362408	36	24	8	33 x 21	94
R363008	36	30	8	33 x 27	121
R363608	36	36	8	33 x 33	139
R422408	42	24	8	39 x 21	107
R423008	42	30	8	39 x 27	132
R423608	42	36	8	39 x 33	162
R482408	48	24	8	45 x 21	117
R483008	48	30	8	45 x 27	153
R483608	48	36	8	45 x 33	182
R603608	60	36	8	57 x 33	208

Cat. No.	Dimensions			Panel E x F	Weight lbs.
	A	B	C		
R161210	16	12	10	13 x 9	34
R201610	20	16	10	17 x 13	48
R202010	20	20	10	17 x 17	52
R241210	24	12	10	21 x 9	43
R242010	24	20	10	21 x 17	63
R242410	24	24	10	21 x 21	73
R302010-Z	30	20	10	27 x 17	76
R302410	30	24	10	27 x 21	87
R362410-Z	36	24	10	33 x 21	102
R363010	36	30	10	33 x 27	127
R423010	42	30	10	39 x 27	137
R423610	42	36	10	39 x 33	184
R483010-Z	48	30	10	45 x 27	159
R483610	48	36	10	45 x 33	190
R603610	60	36	10	57 x 33	230
R201612	20	16	12	17 x 13	54
R242012	24	20	12	21 x 17	67
R242412	24	24	12	21 x 21	78
R302412	30	24	12	27 x 21	90
R303012	30	30	12	27 x 27	113
R362412	36	24	12	33 x 21	106
R363012	36	30	12	33 x 27	130
R363612	36	36	12	33 x 33	137
R423012	42	30	12	39 x 27	150
R423612	42	36	12	39 x 33	175
R483612	48	36	12	45 x 33	197
R603612-Z	60	36	12	57 x 33	239
R723012	72	30	12	69 x 27	260
R723612	72	36	12	69 x 33	320
R242016	24	20	16	21 x 17	81
R242416	24	24	16	21 x 21	86
R302416	30	24	16	27 x 21	100
R363016	36	30	16	33 x 27	137
R423616	42	36	16	39 x 33	147
R483616	48	36	16	45 x 33	213
R603616	60	36	16	57 x 33	256
R723016	72	30	16	69 x 27	260
R723616	72	36	16	69 x 33	272
R302420	30	24	20	27 x 21	111
R363020	36	30	20	33 x 27	155
R483620	48	36	20	45 x 33	227
R603620	60	36	20	57 x 33	272
R723020	72	30	20	69 x 27	287
R302424	30	24	24	27 x 21	129
R723024	72	30	24	69 x 27	300
R603608	60	36	8	57 x 33	208

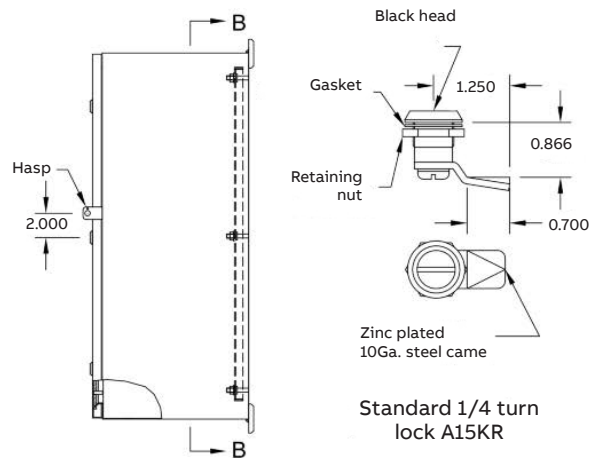
R Series

NEMA 4-4X-12 - Single Door Enclosures

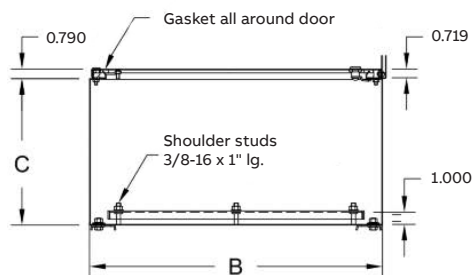
Diagrams



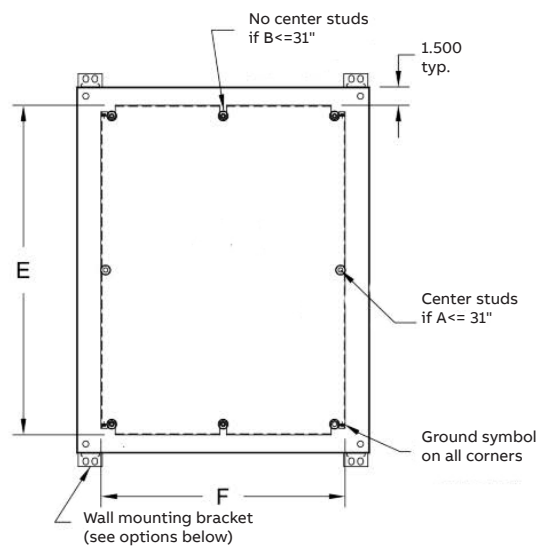
Front view



Side view

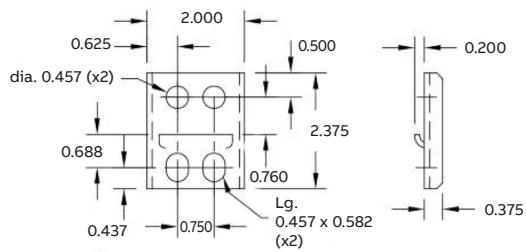


Section A-A

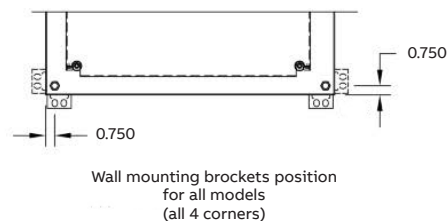


Section B-B

A	Hinges	Locks
0	2	1
24	2	2
36	3	2
42	3	3
48	3	3
60	4	3
72	4	3

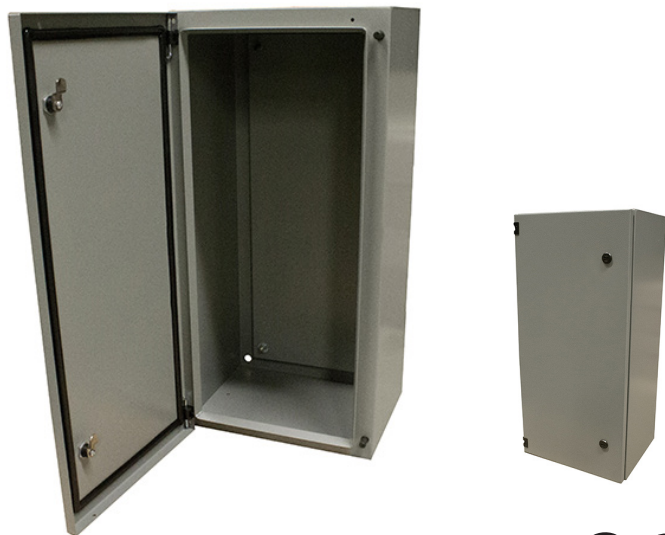


AMFRS standard wall mounting brackets.



R...AL Series

NEMA 4-4X-12 - Single Door Aluminium Enclosures



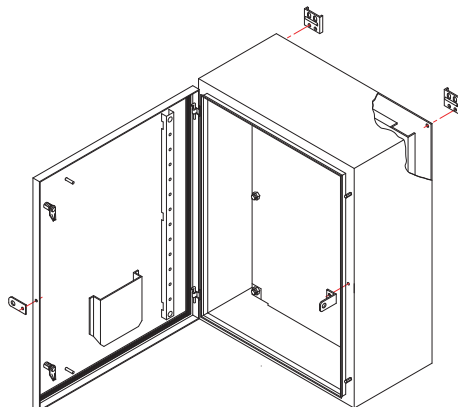
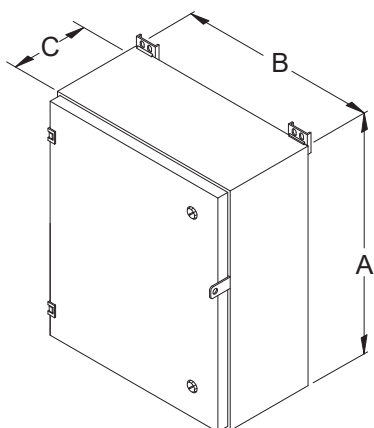
Type 4-4x-12 aluminium enclosure designed for indoor/outdoor housing of electrical, pneumatic or hydraulic instruments where corrosion is determining factor.

Technical specifications:

- Quality utility grade aluminium
- Removable cover with seamless poured in place gasket, secured by 1/4 turn latches
- Continuously welded and ground smooth seams
- Padlock hasp supplied
- Interchangeable left/right side cover opening
- Cover stabilizing bumpers
- Grounding studs welded on inner cover surface
- Galvanized mounting rail
- Galvanized steel mounting panel (unpainted)
- Four (4) stainless wall mounting brackets offering multiple installation positioning
- Self-adhesive polymer BEL data pocket
- ANSI/ASA61 grey polyester textured powder coating inside out

Cat. No.	Dimensions			H	Panel W	Weight lbs.
	A	B	C			
R161206AL	16	12	6	13	9	14
R201606AL	20	16	6	17	13	21
R242006AL	24	20	6	21	17	24
R242408AL	24	24	8	21	21	33
R302408AL	30	24	8	27	21	46
R363008AL	36	30	8	33	27	49
R483608AL	48	36	8	45	33	99
R201610AL	20	16	10	17	13	26
R242010AL	24	20	10	21	17	38
R302412AL	30	24	12	27	21	46
R363012AL	36	30	12	33	27	55
R603612AL	60	36	12	57	33	118

Diagrams



R...SS Series

NEMA 4-4X-12 - Single Door Stainless Steel Enclosures



Type 4-4x-12 stainless enclosure designed for indoor/outdoor housing of electrical, pneumatic or hydraulic instruments where corrosion is a determining factor and where severe watering conditions prevail (dairies & breweries).

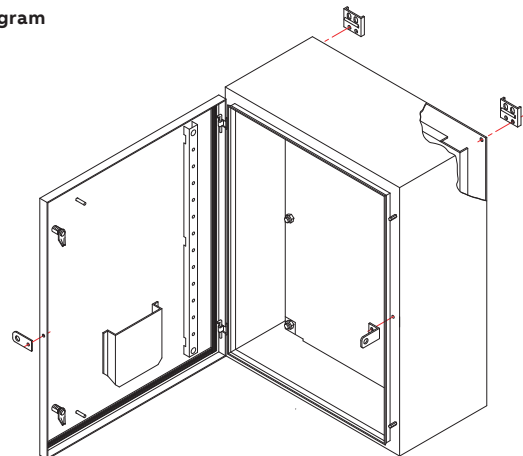
Technical specifications:

- 16 or 14 gauge 304-4 stainless steel
- Removable cover with seamless poured in place gasket
- Continuously welded and ground smooth seams
- Adlock hasp supplied
- Interchangeable left/right side cover opening
- Cover stabilizing bumpers
- Hinges and 1/4 turn latches made of stainless steel
- Grounding studs welded on inner cover surface
- Galvanized mounting rail
- Galvanized steel mounting panel (unpainted)
- Four (4) stainless wall mounting brackets offering multiple installation positioning
- Self-adhesive polymer BEL data pocket



Cat. No.	Dimensions			Panel		Weight lbs
	A	B	C	E	F	
R161206SS	16	12	6	13	9	26
R161606SS	16	16	6	13	13	32
R201606SS	20	16	6	17	13	38
R202006SS	20	20	6	17	17	43
R242006SS	24	20	6	21	17	55
R161208SS	16	12	8	13	9	30
R201608SS	20	16	8	17	13	43
R202008SS	20	20	8	17	17	47
R241608SS	24	16	8	21	13	49
R242008SS	24	20	8	21	17	59
R242408SS	24	24	8	21	21	68
R243008SS	24	30	8	21	27	85
R302008SS	30	20	8	27	17	70
R302408SS	30	24	8	27	21	82
R303008SS	30	30	8	27	27	102
R362408SS	36	24	8	33	21	94
R363008SS	36	30	8	33	27	121
R423608SS	42	36	8	39	33	162
R483608SS	48	36	8	45	33	182
R201610SS	20	16	10	17	13	48
R242010SS	24	20	10	21	17	63
R362410SS	36	24	10	33	21	102
R363010SS	36	30	10	33	27	127
R423010SS	42	30	10	39	27	137
R242412SS	24	24	12	21	21	78
R302412SS	30	24	12	27	21	90
R363012SS	36	30	12	33	27	130
R363612SS	36	36	12	33	33	137
R483612SS	48	36	12	45	33	197
R603612SS	60	36	12	57	33	239
R363016SS	36	30	16	33	27	137
R483616SS	48	36	16	45	33	213

Diagram



HD/HDM Series

NEMA 12 - Double Door Enclosures



Type 12 enclosure designed to house and protect pneumatic, hydraulic or electrical equipment.

Technical specifications:

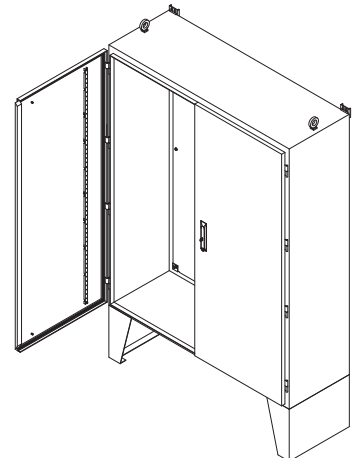
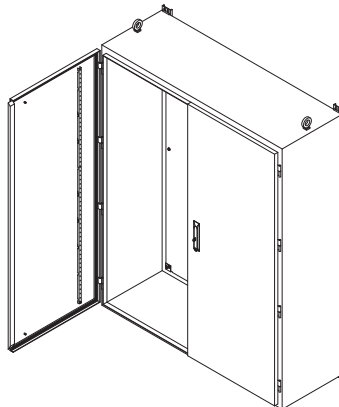
- 14 or 12 steel gauge
- Slip hinges enabling door removal for easier access and mounting
- Seamless poured in place gasketed doors
- Continuously welded and ground smooth seams
- Three point lock flush handle
- Grounding stud on inner door surface and hole on back panel
- 2 or 4 lifting eye bolts
- 12 gauge galvanized back panel (HD7272 will be steel painted smooth white)
- Galvanized mounting rail
- Self-adhesive polymer BEL data pocket
- 12" high mounting feet on HDM model
- ANSI/ASA61 grey polyester textured powder coating inside out

HD/HDM Series

NEMA 12 - Double Door Enclosures



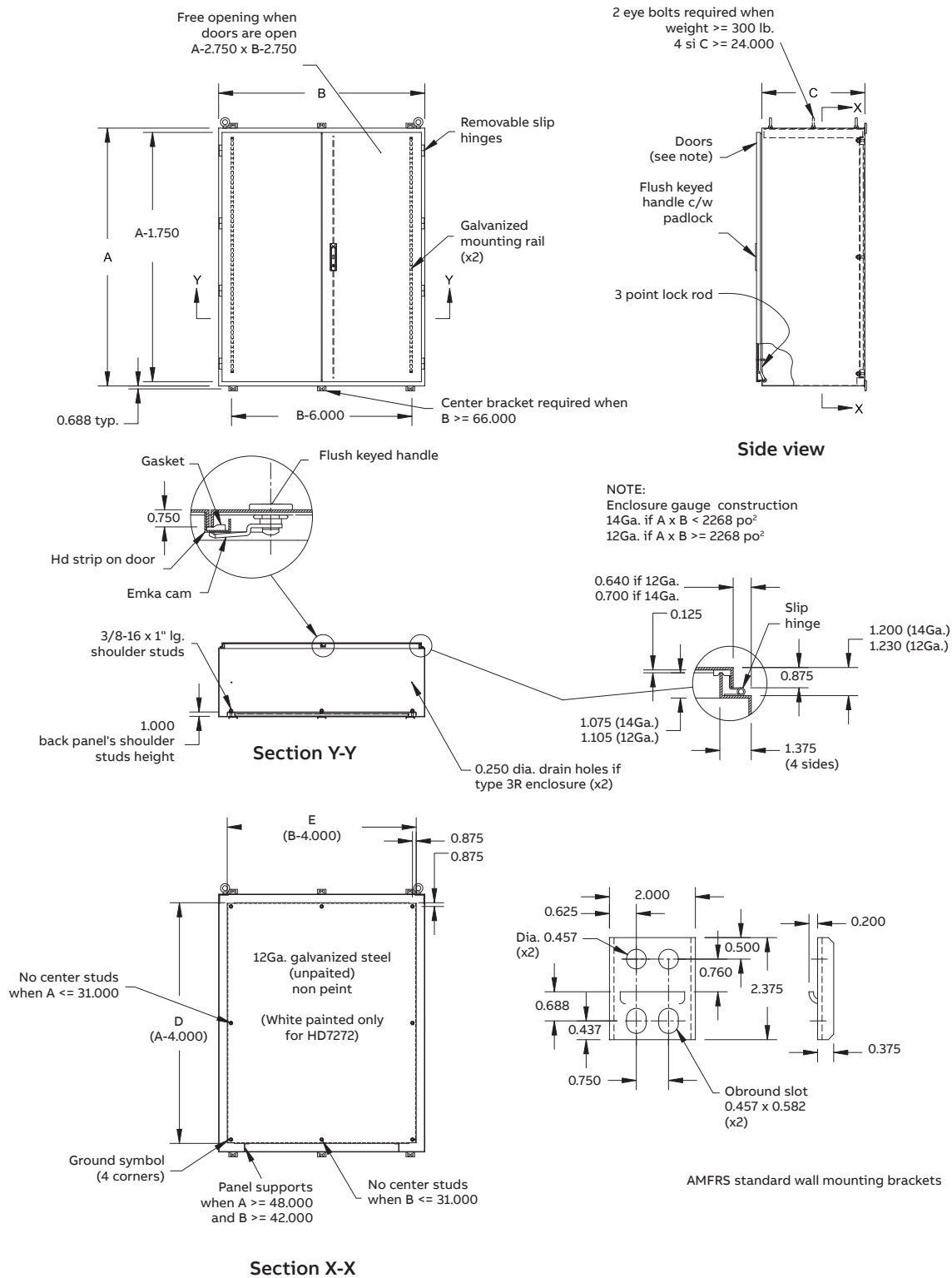
Cat. No.		Dimensions			Panel		Weight lbs.	
Without feet	With feet	A	B	C	D	E	Without feet	With feet
HD544208	HDM544208	54	42	8	50	38	260	275
HD604808	HDM604808	60	48	8	56	44	425	440
HD604810	HDM604810	60	48	10	56	44	430	447
HD606010	HDM606010	60	60	10	56	56	520	537
HD726010	HDM726010	72	60	10	68	56	595	612
HD727210	HDM727210	72	72	10	68	68	710	736
HD484812	HDM484812	48	48	12	44	44	396	416
HD604812	HDM604812	60	48	12	56	44	456	476
HD606012	HDM606012	60	60	12	56	56	532	552
HD726012	HDM726012	72	60	12	68	56	615	635
HD727212	HDM727212	72	72	12	68	68	710	730
HD604816	HDM604816	60	48	16	56	44	480	504
HD606016	HDM606016	60	60	16	56	56	500	524
HD726016	HDM726016	72	60	16	68	56	700	724
HD727216	HDM727216	72	72	16	68	68	745	769
HD604820	HDM604820	60	48	20	56	44	456	486
HD726020	HDM726020	72	60	20	68	56	700	730
HD727220	HDM727220	72	72	20	68	68	855	885
HD604824	HDM604824	60	48	24	56	44	500	538
HD606024	HDM606024	60	60	24	56	56	600	638
HD726024	HDM726024	72	60	24	68	56	760	790
HD727224	HDM727224	72	72	24	68	68	890	928
Wide Models								
HD244210	HDM244210	24	42	10	20	38	125	142
HD304210	HDM304210	30	42	10	26	38	150	167
HD364812	HDM364812	36	48	12	32	44	227	244



HD/HDM Series

NEMA 12 - Double Door Enclosures

Diagrams



HD..F/HDM..F Series

NEMA 4 - Double Door Enclosures



Type 4 enclosure designed to house and protect pneumatic, hydraulic or electrical equipment.

Technical specifications:

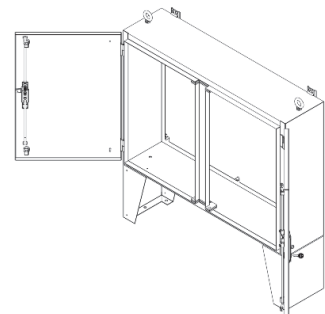
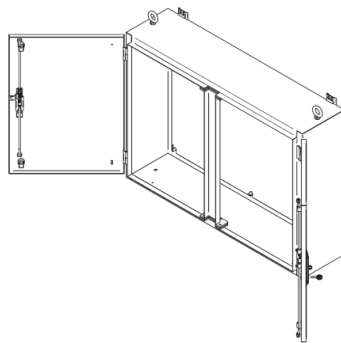
- 14 or 12 gauge satin coat steel
- Stainless steel slip hinges enabling door removal for easier access and mounting
- Seamless poured in place gasketed doors
- Continuously welded and ground smooth seams
- Three point lock flush handle on each door
- Grounding stud on inner door surface and hole on back panel
- 2 or 4 lifting eye bolts
- With removable center post
- 12 gauge galvanized panel (HD7272 will be steel painted smooth white)
- Galvanized mounting rail
- Self-adhesive polymer BEL data pocket
- 12" high mounting feet on HDM..F model
- Grounding holes and symbols
- ANSI/ASA61 grey polyester textured powder coating inside out

HD..F/HDM..F Series

NEMA 4 - Double Door Enclosures



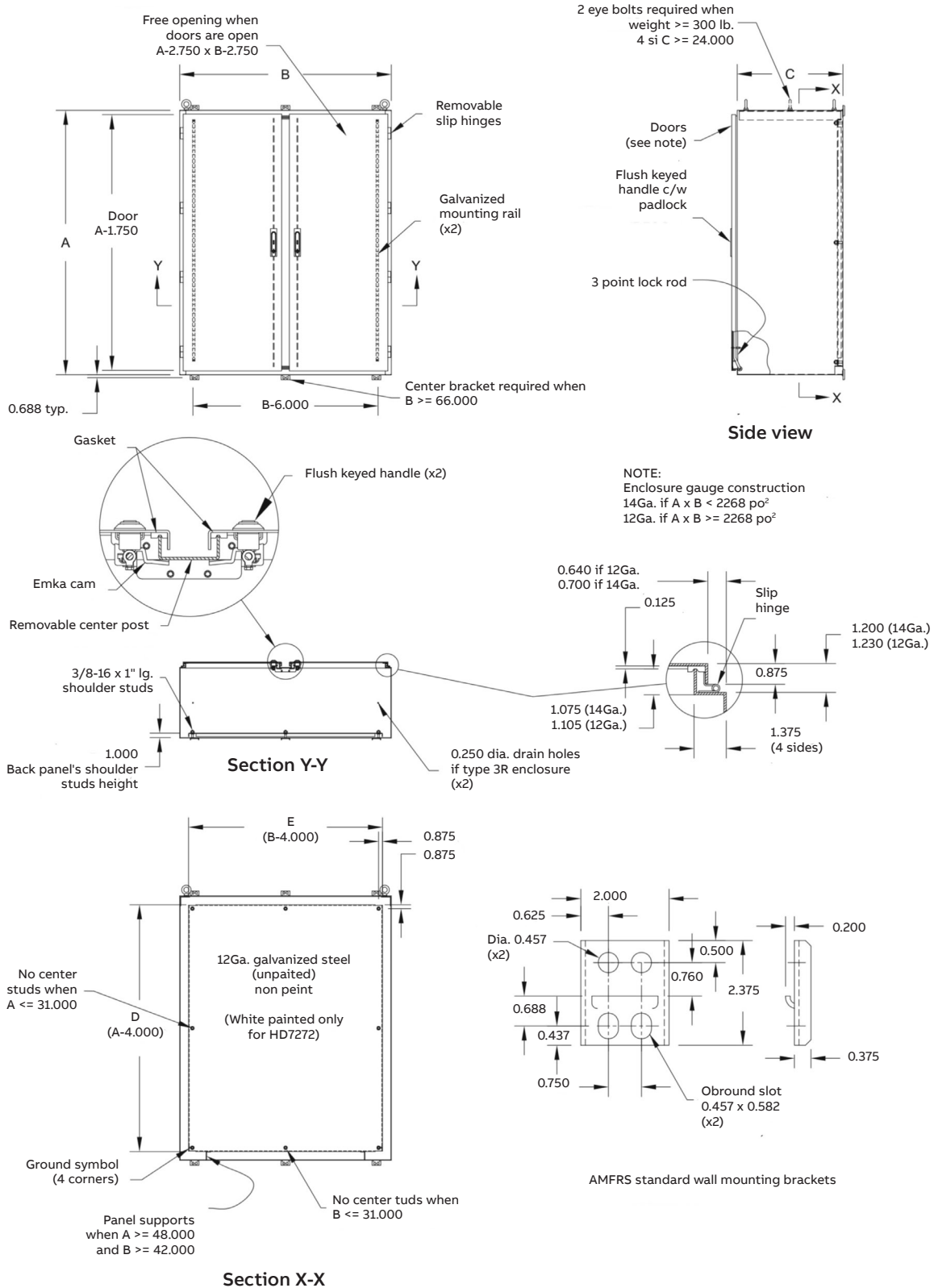
Cat. No.		Dimensions			Panel		Weight lbs.	
Without feet	With feet	A	B	C	D	E	Without feet	With feet
HD544208F	HDM544208F	54	42	8	50	38	260	275
HD604808F	HDM604808F	60	48	8	56	44	425	440
HD604810F	HDM604810F	60	48	10	56	44	430	447
HD606010F	HDM606010F	60	60	10	56	56	520	537
HD726010F	HDM726010F	72	60	10	68	56	595	612
HD727210F	HDM727210F	72	72	10	68	68	710	736
HD484812F	HDM484812F	48	48	12	44	44	396	416
HD604812F	HDM604812F	60	48	12	56	44	456	476
HD606012F	HDM606012F	60	60	12	56	56	532	552
HD726012F	HDM726012F	72	60	12	68	56	615	635
HD727212F	HDM727212F	72	72	12	68	68	710	730
HD604816F	HDM604816F	60	48	16	56	44	480	504
HD606016F	HDM606016F	60	60	16	56	56	500	524
HD726016F	HDM726016F	72	60	16	68	56	700	724
HD727216F	HDM727216F	72	72	16	68	68	745	769
HD604820F	HDM604820F	60	48	20	56	44	456	486
HD726020F	HDM726020F	72	60	20	68	56	700	730
HD727220F	HDM727220F	72	72	20	68	68	855	885
HD604824F	HDM604824F	60	48	24	56	44	500	538
HD606024F	HDM606024F	60	60	24	56	56	600	638
HD726024F	HDM726024F	72	60	24	68	56	760	790
HD727224F	HDM727224F	72	72	24	68	68	890	928
Wide Models								
HD244210F	HDM244210F	24	42	10	20	38	125	142
HD304210F	HDM304210F	30	42	10	26	38	150	167
HD364812F	HDM364812F	36	48	12	32	44	227	244



HD..F/HDM..F Series

NEMA 4 - Double Door Enclosures

Diagrams



FRS Series

NEMA 12 - Single Door Freestanding Enclosures, Single Access



Type 12 enclosure designed for indoor protection of electrical and electronic controls, instruments and components.

Technical specifications:

- 12 gauge steel
- Seamless poured in place gasketed door
- Continuously welded and ground smooth seams
- 2 or 4 lifting eye bolts
- Slip hinges enabling door removal for easier access and mounting
- Three point lock flush handle
- Galvanized mounting rail
- Grounding studs welded on inner cover surface and inside enclosure
- Horizontally welded channels on both sides for panel adjustment
- Possibility of half lenght (AFH model), full lenght (AFF model) or side mounting panel galvanized
- Self-adhesive polymer BEL data pocket
- ANSI/ASA61 grey polyester textured powder coating inside out

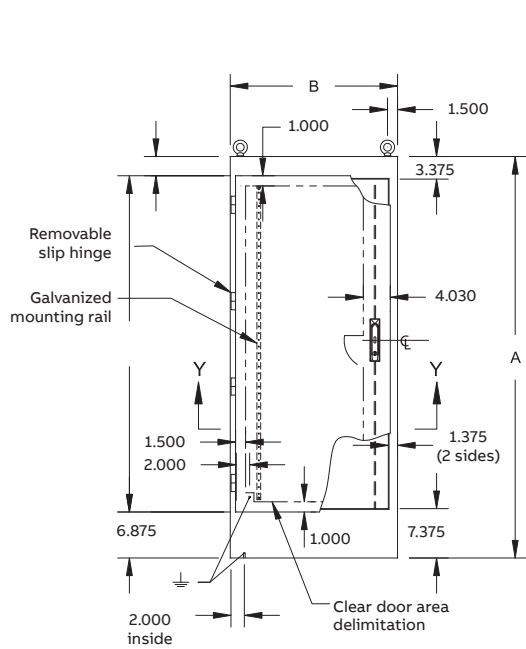


Cat. No.	Dimensions				Panel G	Weight lbs.
	A	B	C	E		
FRS602418	60	24	18	32.031	23.125	210
FRS722418	72	24	18	38.031	29.125	250
FRS723018	72	30	18	38.031	29.125	300
FRS723618	72	36	18	38.031	29.125	330
FRS902420	90	24	20	47.031	38.125	285
FRS903620	90	36	20	47.031	38.125	405
FRS603624	60	36	24	32.031	23.125	290
FRS722424	72	24	24	38.031	29.125	300
FRS723024	72	30	24	38.031	29.125	340
FRS723624	72	36	24	38.031	29.125	375
FRS903624	90	36	24	47.031	38.125	445
FRS722430	72	24	30	38.031	29.125	358
FRS723630	72	36	30	38.031	29.125	420
FRS722436	72	24	36	38.031	29.125	400
FRS723636	72	36	36	38.031	29.125	470
FRS903636	90	36	36	47.031	38.125	530

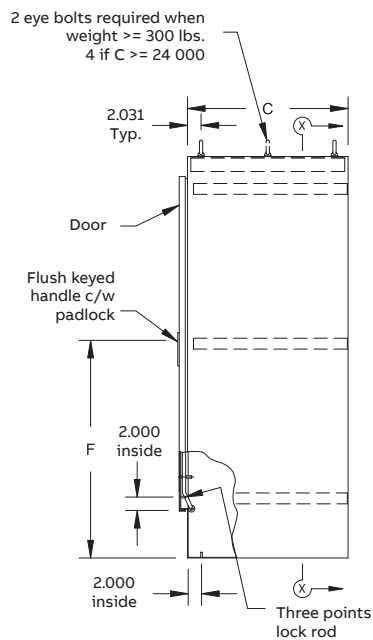
FRS Series

NEMA 12 - Single Door Freestanding Enclosures, Single Access

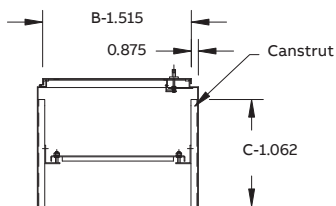
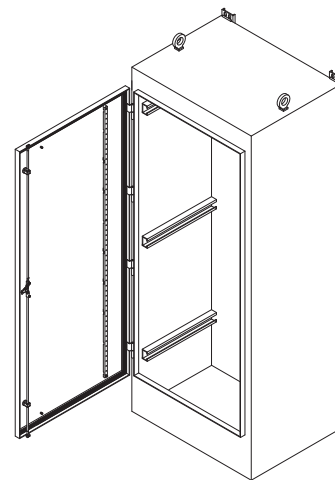
Diagrams



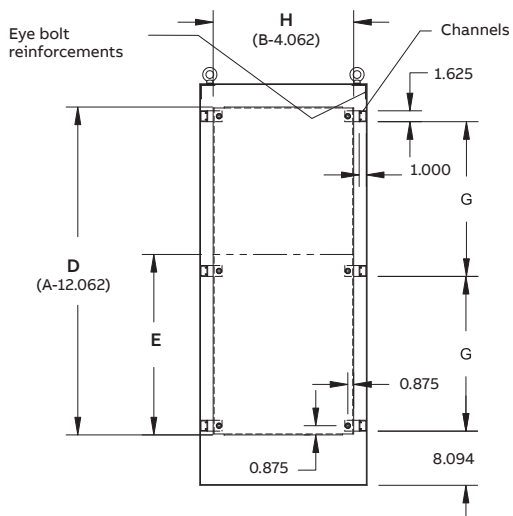
Front view



Side view



Section Y-Y



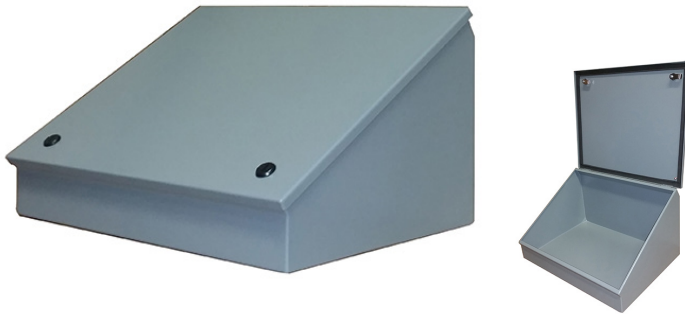
Section X-X

Note :
Half panel fits in top half or bottom half of enclosure (shown in bottom half)

For "D, E and H" dimensions, see accessories series "AFF & AFH"

COTS Series

NEMA 12 - Hinged Lift-Off Cover Consolets



Type 12 enclosure designed to protect electrical/electronic controls against dust, oil and coolants.

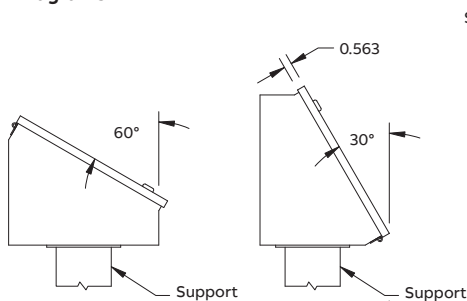
Technical specifications:

- 16 gauge steel
- Welded and ground smooth seams
- Dust resistant gasket
- Removable cover secured by 1/4 turn latches
- ANSI/ASA61 grey polyester textured powder coating inside out

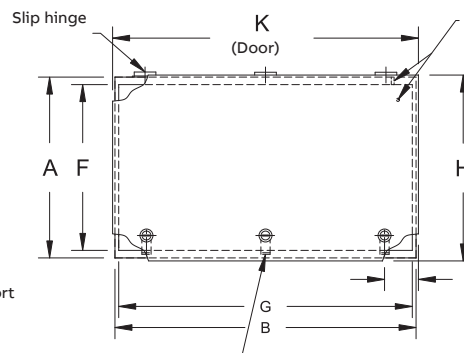


Cat. No.	Dimensions									Qty. Locks	Qty. Hinges	Weight lbs
	A	B	C	D	E	F	G	H	K			
COTS080807	8	8	7.151	5.635	7.427	7.000	7.500	8.335	8.314	1	2	9
COTS081207	8	12	7.151	5.635	7.427	7.000	11.500	8.335	12.314	2	2	11
COTS081607	8	16	7.151	5.635	7.427	7.000	15.500	8.335	16.314	2	2	13
COTS082007	8	20	7.151	5.635	7.427	7.000	19.500	8.335	20.314	2	2	15
COTS121209	12	12	9.151	7.635	10.891	11.000	11.500	12.335	12.314	2	2	16
COTS121609	12	16	9.151	7.635	10.891	11.000	15.500	12.335	16.314	2	2	19
COTS122009	12	20	9.151	7.635	10.891	11.000	19.500	12.335	20.314	2	2	24
COTS122409	12	24	9.151	7.635	10.891	11.000	23.500	12.335	24.314	2	2	26
COTS161611	16	16	11.151	9.635	14.355	15.000	15.500	16.335	16.314	2	2	26
COTS162011	16	20	11.151	9.635	14.355	15.000	19.500	16.335	20.314	2	2	30
COTS162411	16	24	11.151	9.635	14.355	15.000	23.500	16.335	24.314	2	2	39
COTS163011	16	30	11.151	9.635	14.355	15.000	29.500	16.335	30.314	2	2	45
COTS163611	16	36	11.151	9.635	14.355	15.000	35.500	16.335	36.314	2	3	44
COTS202013	20	20	13.151	11.635	17.820	19.000	19.500	20.335	20.314	2	2	37
COTS202413	20	24	13.151	11.635	17.820	19.000	23.500	20.335	24.314	2	2	44
COTS203013	20	30	13.151	11.635	17.820	19.000	29.500	20.335	30.314	2	2	47

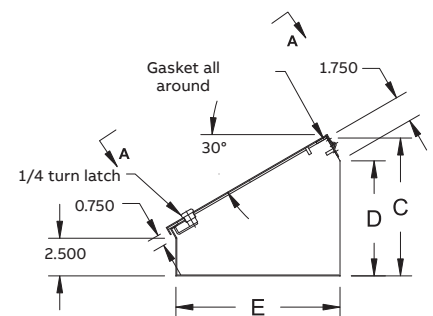
Diagrams



Mounting options



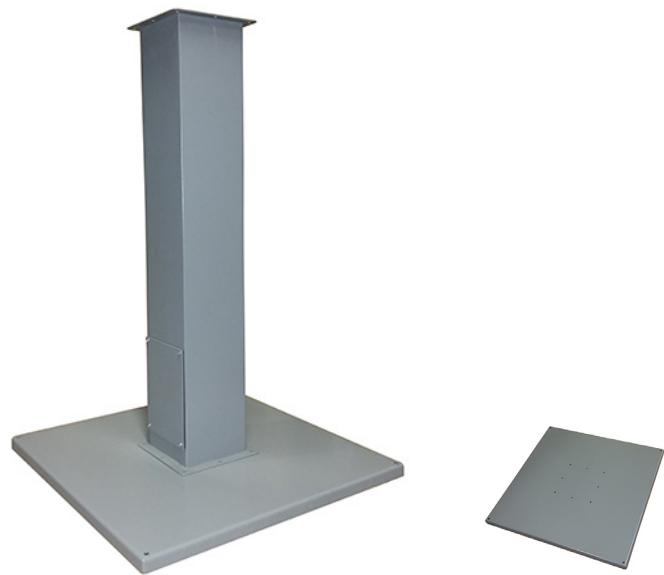
View A-A



Section B-B

PE Series

NEMA 12 - Floor Pedestal and Base



Type 12 pedestal used to mount consolets and different types of enclosures. Wiring is pulled trough column and base.

- Technical specifications:**
- 14 gauge steel
 - Welded and ground smooth seams
 - 12 gauge steel flanges welded to column
 - Each column supplied with a box connector fitting, two (2) gasketed flanges and screws
 - Gasketed access plate
 - Built to EEMAC/NEMA 12 requirements
 - ANSI/ASA61 grey polyester textured powder coating
 - BASE - PEB (ordered seperately)
 - 12 gauge steel
 - Column mounting holes with levelling screws

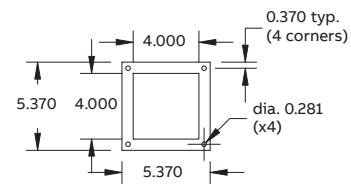
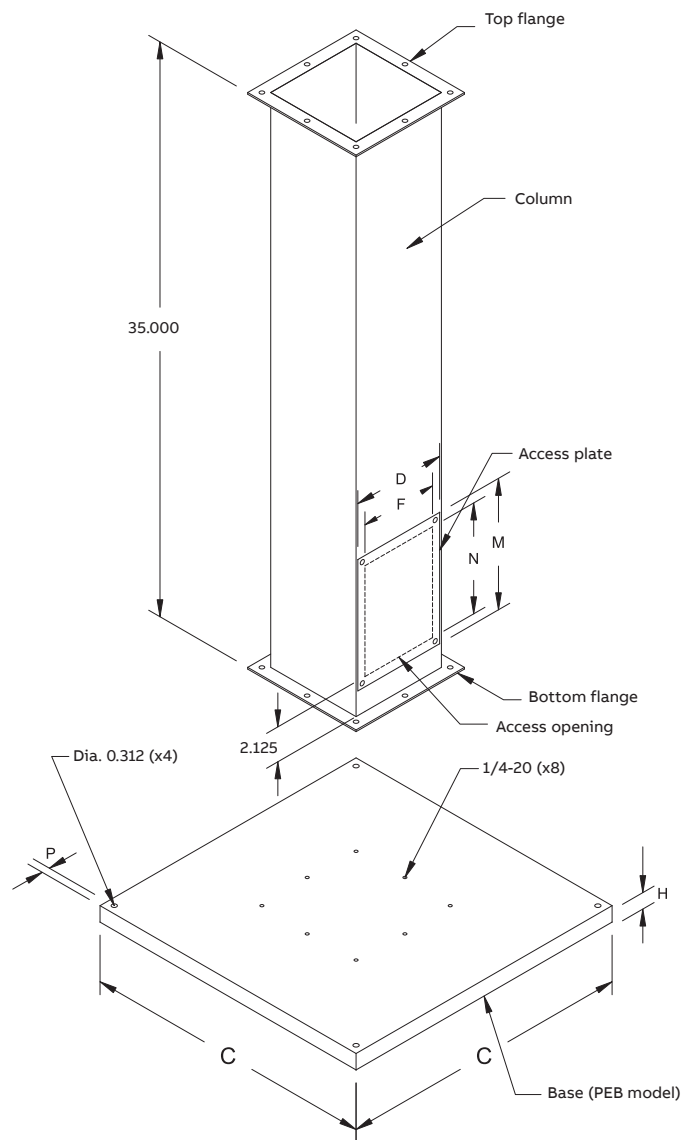


Cat. No.	Description	Dimensions							Weight lbs.
		C	D	F	H	M	N	P	
PESC040435	4 x 4 straight column	-	3.75	2.75	-	7.25	6.0	-	18
PESC060635	6 x 6 straight column	-	5.75	4.75	-	8.0	6.75	-	24
PEB181801	18 x 18 base	18.0	-	-	1.0	-	-	0.5	20
PEB242401	24 x 24 base	24.0	-	-	1.0	-	-	0.5	27

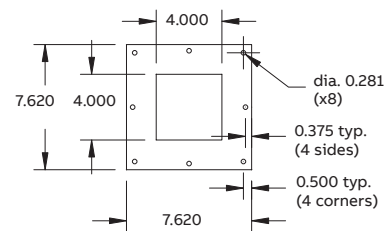
PE Series

NEMA 12 - Floor Pedestal and Base

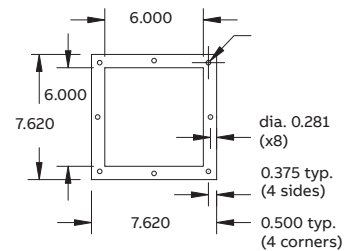
Diagrams



4x4 Top flange



4x4 Bottom flange



6x6 Top & bottom flange

PB Series

NEMA 12 - Pushbutton Enclosures



Type 12 enclosure designed to accept pushbuttons, switches and pilot lights.

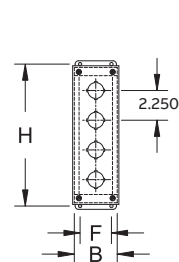
Technical specifications:

- 16 gauge steel
- Seamless poured in place gasketed cover
- Continuously welded and ground smooth seams
- Cover secured by captive nickel plated screws threaded into sealed wells
- ANSI/ASA61 grey polyester textured powder coating inside out

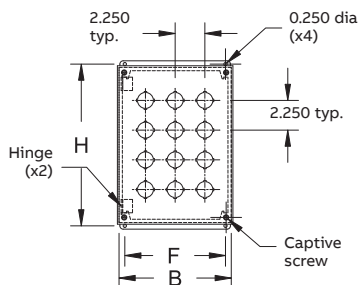


Cat. No. With holes	Without holes	A	B	C	H	Dimensions F	Weight lbs.
1PB	1PBC	3.50	3.25	2.75	4.00	2.375	1.75
2PB	2PBC	5.75	3.25	2.75	6.25	2.375	2.25
3PB	3PBC	8.00	3.25	2.75	8.50	2.375	3.00
4PB	4PBC	10.25	3.25	2.75	10.75	2.375	3.50
4SPB-Z	4SPBC	7.25	6.25	3.00	7.75	5.375	4.50
6PB	6PBC	9.50	6.25	3.00	10.00	5.375	5.25
9PB	9PBC	9.50	8.50	3.00	10.00	7.625	6.50
12PB	12PBC	11.75	8.50	3.00	12.25	7.625	7.50
16PB	16PBC	11.75	10.75	3.00	12.25	9.875	9.00
20PB	20PBC	14.00	10.75	3.00	14.50	9.875	10.50
25PB	25PBC	14.00	13.00	3.00	14.50	12.125	12.00
30PB	30PBC	16.25	13.00	3.00	16.75	12.125	14.00
36PB	36PBC	16.25	15.25	3.00	16.75	14.375	16.00
42PB	42PBC	18.50	15.25	3.00	19.00	14.375	18.00

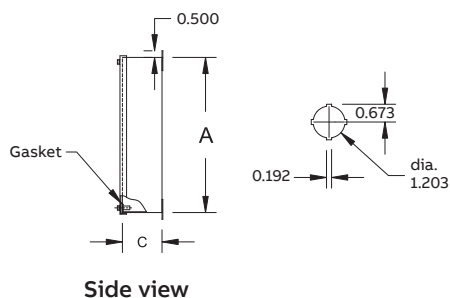
Diagrams



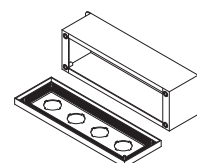
1 PB to 4PB



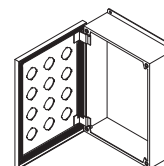
4 SPB & up



Side view



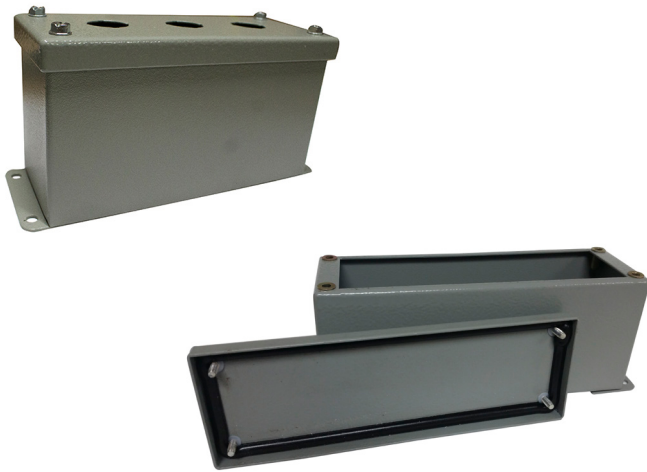
1 PB to 4PB



4 SPB and up

PBM Series

NEMA 12 - Miniature Pushbutton Enclosures



Type 12 enclosure designed to accept miniature pushbuttons, switches and pilot lights.

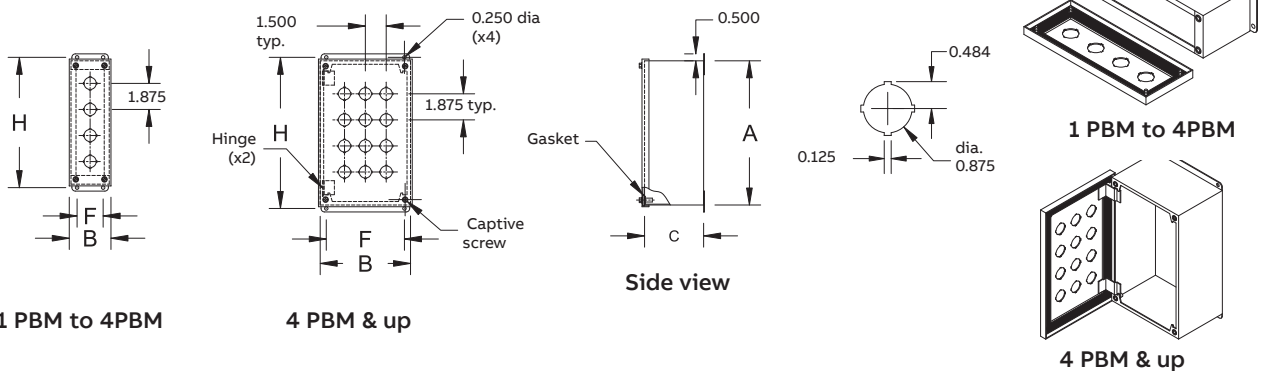
Technical specifications:

- 16 gauge steel
- Seamless poured in place gasketed cover
- Continuously welded and ground smooth seams
- Cover secured by captive nickel plated screws threaded into sealed wells
- Pre-punched 0.875" dia. pushbutton holes (22mm)
- ANSI/ASA61 grey polyester textured powder coating inside out



Cat. No. With holes	Without holes	A	B	C	H	Dimensions F	Weight lbs.
1PBM	1PBMC	3.25	2.75	3.50	3.750	1.875	1.75
2PBM	2PBMC	5.125	2.75	3.50	5.625	1.875	2.25
3PBM	3PBMC	7.00	2.75	3.50	7.500	1.875	3.00
4PBM	4PBMC	8.875	2.75	3.50	9.375	1.875	3.50
6PBM	6PBMC	8.50	5.00	4.25	9.000	4.125	5.25
9PBM	9PBMC	8.50	6.50	4.25	9.000	5.625	5.75
12PBM	12PBMC	10.375	6.50	4.25	10.875	5.625	6.00
16PBM	16PBMC	10.375	8.00	4.25	10.875	7.125	7.00
20PBM	20PBMC	12.250	8.00	4.25	12.750	7.125	8.00
25PBM	25PBMC	12.250	9.50	4.25	12.750	8.625	9.00
30PBM	30PBMC	14.125	9.50	4.25	14.625	8.625	10.00

Diagrams



BB..LD Series

NEMA 12 - Oil and Dust Tight Lay-In Wireway



Type 12 enclosure designed for indoor use to protect electrical wiring against dust, dirt and oil.

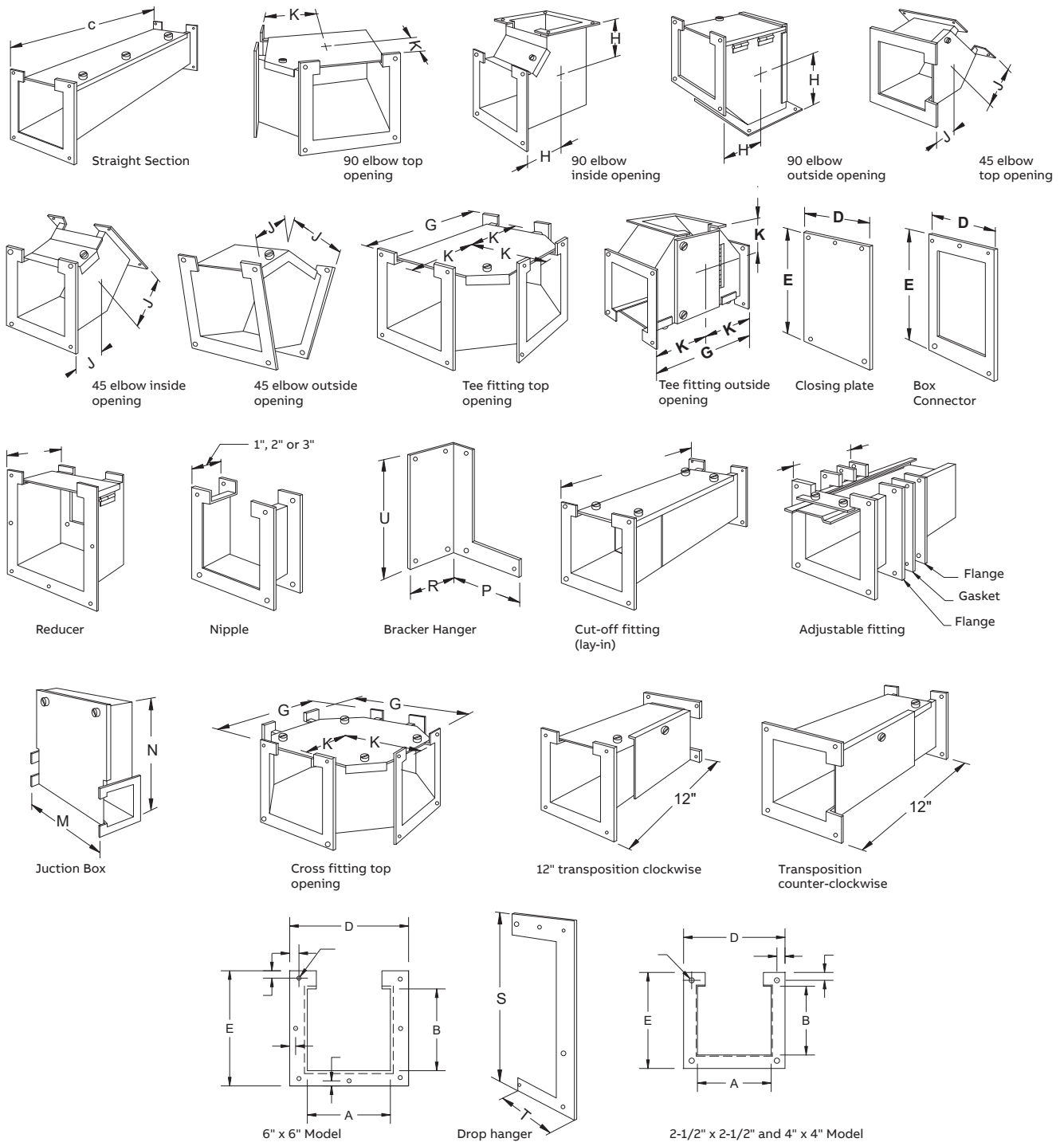
Technical specifications:

- 16 steel gauge
- Continuously welded and ground smooth seams
- Easy to install gasketed sealing plates
- 12 gauge interconnecting flanges (2 per length)
- 1/4 turn latches
- ANSI/ASA61 grey polyester textured powder coating inside out

Description	Cat. No. 2.5" x 2.5"	Weight lbs.	Cat. No. 4" x 4"	Weight lbs.	Cat. No. 6" x 6"	Weight lbs.	Sealing plate (Qty.)
12" Wireway Section	BB21LD	3.5	BB41LD	5	BB61LD	7.5	1 Flat
24" Wireway Section	BB22LD	6.25	BB42LD	10	BB62LD	14	1 Flat
36" Wireway Section	BB23LD	9.25	BB43LD	13.75	BB63LD	20.75	1 Flat
48" Wireway Section	BB24LD	12	BB44LD	19.25	BB64LD	28	1 Flat
60" Wireway Section	BB25LD	29.25	BB45LD	23.75	BB65LD	34.5	1 Flat
120" Wireway Section	BB210LD	29.25	BB410LD	46.75	BB610LD	68.25	1 Flat
Accessories							
90° Elbow Top Opening	BB290ET	1.25	BB490ET	2.75	BB690ET	5	1 Flat
90° Elbow Inside Opening	BB290EI	2.25	BB490EI	2.75	BB690EI	5	1 Flat
90° Elbow Outside Opening	BB290EO	2.25	BB490EO	2.75	BB690EO	5	1 Flat
45° Elbow Top Opening	BB245ET	2.25	BB445ET	2.25	BB645ET	3.5	1 Flat
45° Elbow Inside Opening	BB245EI	2.25	BB445EI	2.25	BB645EI	7.5	1 Flat
45° Elbow Outside Opening	BB245EO	2.25	BB445EO	2.25	BB645EO	3.5	1 Flat
Tee Fitting Top Opening	BB2TT	2.75	BB4TT	3.25	BB6TT	6	2 Flat
Tee Fitting Outside Opening	BB2TO	2.75	BB4TO	3.25	BB6TO	6	2 Flat
Closing Plate	BB2CP	0.25	BB4CP	0.5	BB6CP	1	1 Angle
Box Connector	BB2AD	0.25	BB4AD	0.25	BB6AD	0.5	1 Angle
Reducer			BB42R	2	BB64R	3	-
1" Nipple	BB2N1	0.75	BB4N1	1	BB6N1	1.5	1 Flat
2" Nipple	BB2N2	1	BB4N2	1.25	BB6N2	2	1 Flat
3" Nipple	BB2N3	1.25	BB4N3	1.75	BB6N3	2.75	1 Flat
Swivel Nipple Boîtier Entry (not shown)	BB2SWL1	1	BB4SWL1	1.50	BB6SWL1	2	1 Angle
Swivel Nipple Regular (not shown)	BB2SWL2	1.25	BB4SWL2	1.75	BB6SWL2	2.75	2 Angle
Hanger	BB2H	0.75	BB4H	1	BB6H	1.25	-
Bracket Hanger	BB2HM	1.5	BB4HM	1.75	BB6HM	2	-
Flat Sealing Plate (not shown)	BB2FSP	0.25	BB4FSP	0.25	BB6FSP	0.5	-
Angle Sealing Plate (not shown)	BB2ASP	0.25	BB4ASP	0.25	BB6ASP	0.5	-
Cut-Off Fitting (lay-in)	BB2COF	4.25	BB4COF	6.25	BB6COF	9.25	1 Flat
Adjustable Fitting	BB2AF	2.5	BB4AF	3.5	BB6AF	5.75	1 Spéc.
Junction Boîtier	BB2JB	9.5	BB4JB	14.25	BB6JB	19.5	1 Flat
Cross Fitting Top Opening	BB2CFT	3	BB4CFT	5.5	BB6CFT	6.5	3 Flat
12" Clockwise transposition Section	BB2CC	3.5	BB4CC	5.25	BB6CC	7.75	1 Flat
12" Counter-Clock Transposition Section	BB2CRC	3.5	BB4CRC	5.25	BB6CRC	7.75	1 Flat

BB..LD Series

NEMA 12 - Oil and Dust Tight Lay-In Wireway



A x B	C	D	E	G	H	J	K	M	N	P	R	S	T	U
2.500 x 2.500	12, 24, 36, 48, 60, 120	3.875	3.875	8.500	4.25	2.275	4.25	12.000	10.25	4.625	3.597	9.25	4.500	4.375
4.000 x 4.000	12, 24, 36, 48, 60, 120	5.375	5.375	10.000	5.000	2.586	5.000	14.000	13.875	6.125	3.597	11.75	6.000	5.875
6.000 x 6.000	12, 24, 36, 48, 60, 120	7.625	7.625	12.000	6.000	3.000	6.000	16.000	17.875	8.25	3.597	15.25	8.125	7.875