

XIH (Standard) SERIES

3-3/16" ID Enclosures

XIH housings are designed for small to medium size electronic assemblies. The 3-3/16" ID provides ample clearance to accommodate a wide variety of measurement and control devices. Precision machined from sand-cast copper-free aluminum.

STANDARD FEATURES

- Four interior mounting bosses at 45° orientation accommodate blind tapped holes on a 2-1/2" bolt circle. Consult factory for other mounting options.
- 1/2" or 3/4" NPT conduit feed-through hubs, offset for maximum clearance and capacity
- Internal and external ground screws and tamper resistant cover set screw for extra safety
- Glass cover models have a 2-5/8" diameter, tempered glass window for local read out
- Buna-Nitrile rubber gasket for NEMA Type 4X watertight applications
- Corrosion resistant, "safety blue" polyester powder coating (other colors available)
- Stainless steel hardware

DESIGN OPTIONS

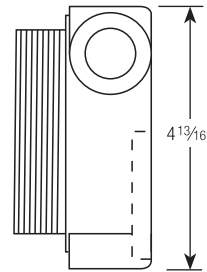
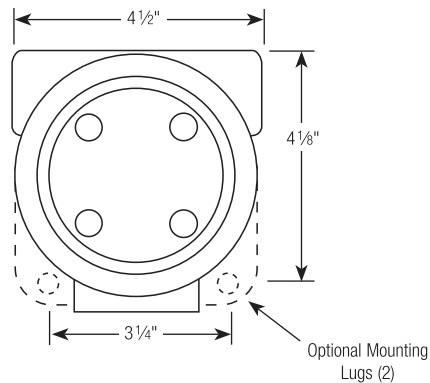
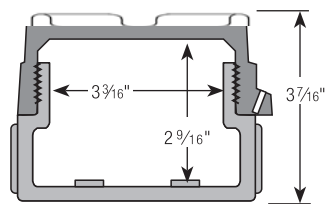
- 1/4-20 UNC holes in front boss for bracket mounting. Consult factory for other sizes.
- Front Boss Modifications: 1/2" or 3/4" NPT entry for sensor, probe or conduit. NPSM & metric entries also available, consult factory.
- Mounting lugs with 5/16" holes (add suffix "L" to catalog number)
- Other interior mounting bosses available – please consult factory
- High ambient silicone gasket (+70°C)



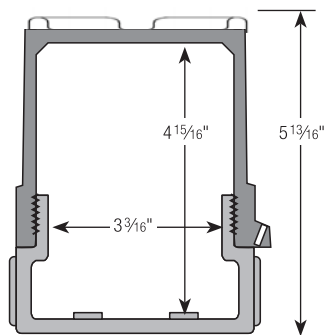
Certifications

Class I, Groups B,C,D	UL 1203
Class II, Groups E,F,G	FM 3615
Class III	CSA C22.2 No. 30
Class I, Zone 1, AEx d IIC	UL 60079-0/UL 60079-1
Ex d IIC	CSA 60079-0/CSA 60079-1
0539 II 2GD (Optional)	ATEX Directive 94/9/EC
Type 4X	UL 50
IP 66	IEC 60529
4X, 7BCD, 9EFG	NEMA Compliance

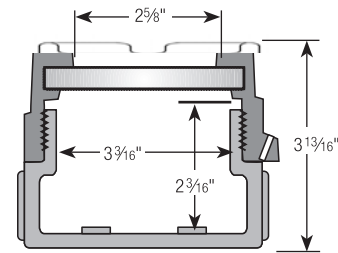


**Solid Cover Arrangements****SOLID COVER**

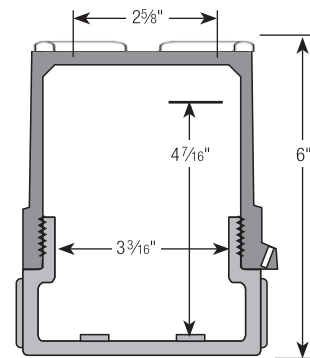
Catalog Number	Description
XIHFCX2	Flat Cover, 1/2" NPT Hubs
XIHFCX3	Flat Cover, 3/4" NPT Hubs

**SOLID COVER**

Catalog Number	Description
XIHDCX2	Dome Cover, 1/2" NPT Hubs
XIHDCX3	Dome Cover, 3/4" NPT Hubs

Glass Cover Arrangements**GLASS COVER**

Catalog Number	Description
XIHFGCX2	Flat Glass Cover, 1/2" NPT Hubs
XIHFGCX3	Flat Glass Cover, 3/4" NPT Hubs

**GLASS COVER**

Catalog Number	Description
XIHGDCX2	Dome Glass Cover, 1/2" NPT Hubs
XIHGDCX3	Dome Glass Cover, 3/4" NPT Hubs

3-3/16" ID Enclosures

3-Lug Mounting

XIH housings are designed for small to medium size electronic assemblies. The 3-3/16" ID provides ample clearance to accommodate a wide variety of measurement and control devices. Precision machined from sand-cast copper-free aluminum.

STANDARD FEATURES

- 3 factory drilled mounting lugs
- Four interior mounting bosses at 45° orientation accommodate blind tapped holes on a 2-1/2" bolt circle. Consult factory for other mounting options.
- 1/2" conduit feed-through hubs, offset for maximum clearance and capacity
- Internal and external ground screws and tamper resistant cover set screw for extra safety
- Glass cover models have a 2-5/8" diameter, tempered glass window for local read out
- Buna-Nitrile rubber gasket for NEMA Type 4X watertight applications
- Corrosion resistant, "safety blue" polyester powder coating (other colors available)
- Stainless steel hardware

DESIGN OPTIONS

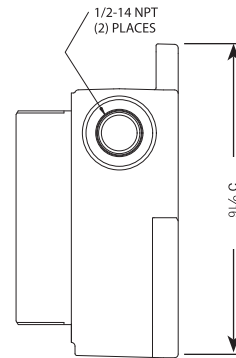
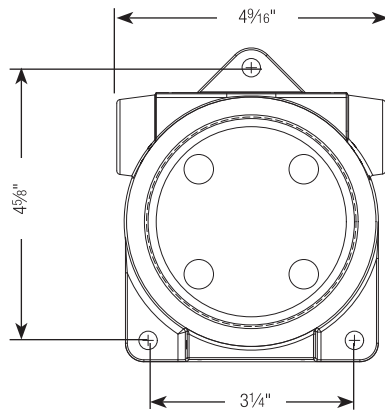
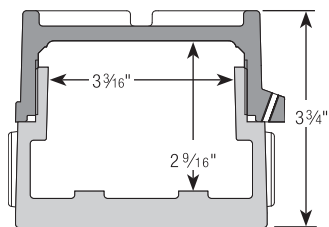
- 1/4-20 UNC holes in front boss for bracket mounting. Consult factory for other sizes.
- Front Boss Modifications: 1/2" or 3/4" NPT entry for sensor, probe or conduit entry. NPSM & metric entries also available, consult factory.
- Other interior mounting bosses available – please consult factory
- High ambient silicone gasket (+70°C)



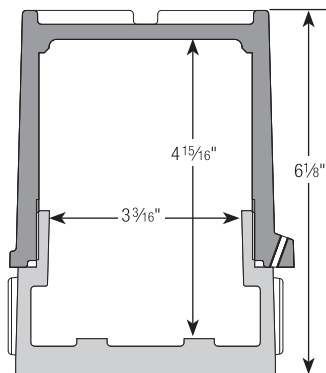
Certifications

Class I, Groups B,C,D	UL 1203
Class II, Groups E,F,G	FM 3615
Class III	CSA C22.2 No. 30
Class I, Zone 1, AEx d IIC	UL 60079-0/UL 60079-1
Ex d IIC	CSA 60079-0/CSA 60079-1
0539 II 2GD (Optional)	ATEX Directive 94/9/EC
Type 4X	UL 50
IP 66	IEC 60529
4X, 7BCD, 9EFG	NEMA Compliance

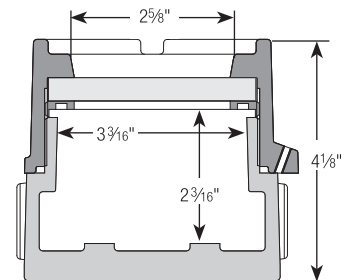


**Solid Cover Arrangements****SOLID COVER**

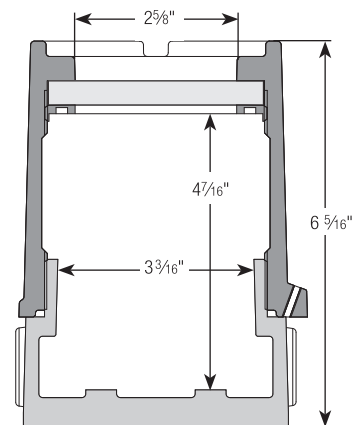
Catalog Number	Description
XIHFCX 2L-3 Lug	Flat Cover, 1/2" NPT Hubs

**SOLID COVER**

Catalog Number	Description
XIHDCX 2L-3 Lug	Dome Cover, 1/2" NPT Hubs

Glass Cover Arrangements**GLASS COVER**

Catalog Number	Description
XIHFGCX 2L-3 Lug	Flat Glass Cover, 1/2" NPT Hubs

**GLASS COVER**

Catalog Number	Description
XIHDCGX 2L-3 Lug	Dome Glass Cover, 1/2" NPT Hubs

XDH (Standard) SERIES**3-3/16" ID Enclosures****Double-Ended Housing**

XDH housings are designed to isolate incoming power connections from instrumentation. The 3-3/16" ID provides ample clearance to accommodate a wide variety of measurement and control devices, with back-to-back chambers separated by a solid, 3/8" thick wall. Precision machined from sand-cast copper-free aluminum.

STANDARD FEATURES

- 3/4" NPT conduit feed-through hubs, offset into power side for maximum clearance and capacity
- Front boss with 3/4" NPT opening into instrument side for conduit, sensor or probe (see design options for other sizes)
- Internal and external ground screws and tamper resistant cover set screws for extra safety
- A choice of solid covers or 2-5/8" diameter tempered glass window for local read out and display
- Buna-Nitrile rubber gasket for NEMA Type 4X watertight applications
- Corrosion resistant, "safety blue" polyester powder coating (other colors available)
- Stainless steel hardware

DESIGN OPTIONS

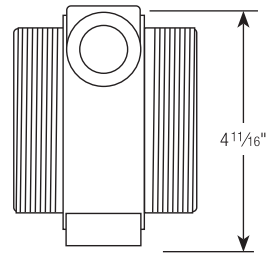
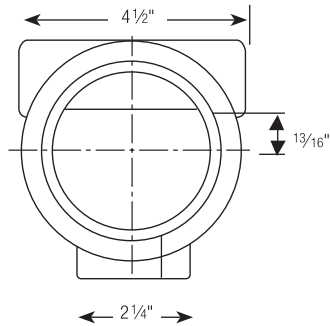
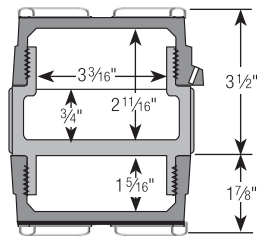
- 2- or 4-point, power side terminal strip with sealed pass-through to instrument (add suffix "2T" or "4T" to catalog number)
- Power side (shallow side) cover options:

Flat Solid	—	Standard
Dome Glass	—	Add Suffix "A"
Flat Glass	—	Add Suffix "B"
Dome Solid	—	Add Suffix "C"
- 1/4-20 UNC holes in front boss for bracket mounting. (Consult factory for other sizes.)
- Front Boss Modifications: 1/2 NPT & various NPSM & Metric entries available in place of standard 3/4 NPT. Consult factory.
- 1/2" NPT feed-through reducers are available – add suffix "2" to catalog-number.
- High ambient silicone gasket (+70°C)

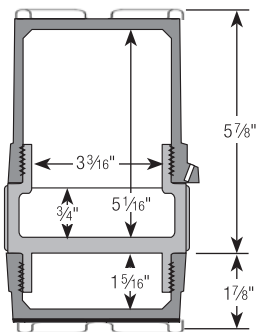
**Certifications**

Class I, Groups B,C,D	UL 1203
Class II, Groups E,F,G	FM 3615
Class III	CSA C22.2 No. 30
Class I, Zone 1, AEx d IIC	UL 60079-0/UL 60079-1
Ex d IIC	CSA 60079-0/CSA 60079-1
0539 II 2GD (Optional)	ATEX Directive 94/9/EC
Type 4X	UL 50
IP 66	IEC 60529
4X, 7BCD, 9EFG	NEMA Compliance

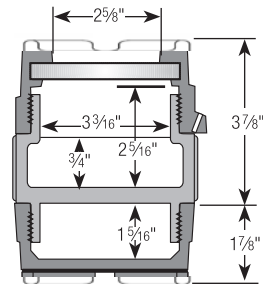


XDH (Standard) SERIES**Solid Cover Arrangements****SOLID COVER**

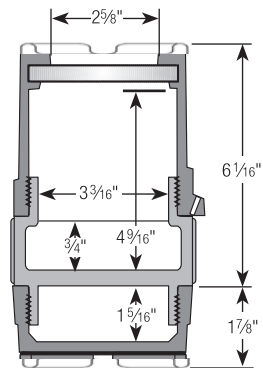
Catalog Number	Description
XDHFCX	Flat Cover, 3/4" NPT Hubs

**SOLID COVER**

Catalog Number	Description
XDHDCX	Dome Cover, 3/4" NPT Hubs

Glass Cover Arrangements**GLASS COVER**

Catalog Number	Description
XDHFGCX	Flat Glass Cover, 3/4" NPT Hubs

**GLASS COVER**

Catalog Number	Description
XDHDGCX	Dome Glass Cover, 3/4" NPT Hubs

XIHM (Medium) SERIES

3-9/16" ID Enclosure (standard)

3-5/8" ID Enclosure (available-see note)

XIHM housings accommodate large diameter assemblies, multi-level circuit boards or wide angle readouts and displays. The 3-9/16" ID provides maximum clearance to facilitate instrument mounting, calibration or service. Precision machined from sand-cast, copper-free aluminum.

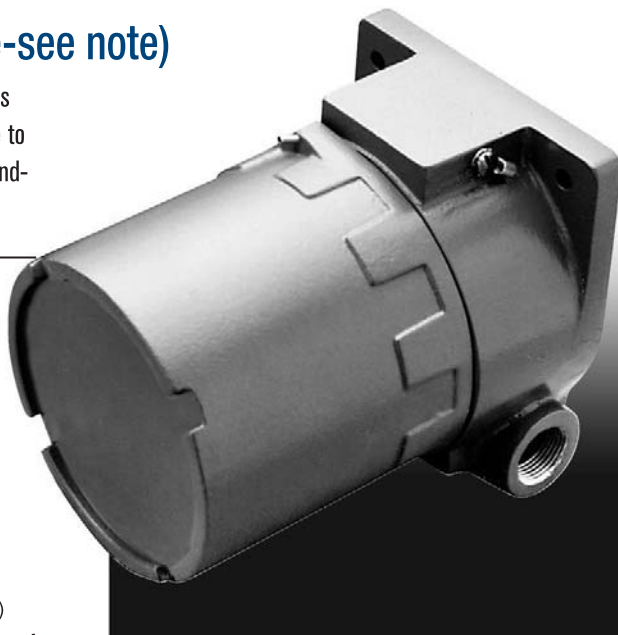
STANDARD FEATURES

- 3/4" NPT conduit feed-through hubs offset for maximum clearance and capacity
- 7/16" thick base for blind tapped instrument mounting holes in any location
- Glass cover models have a large 2-5/8" diameter, tempered glass window for local read out
- 60° chamfer on window opening provides enhanced viewing angle
- Buna-Nitrile rubber gasket for NEMA Type 4X watertight applications
- Front boss for bracket mounting or for use as additional conduit or sensor entry
- Corrosion resistant, "safety blue" polyester powder coating (other colors available)
- Internal and external ground screws and tamper resistant cover set screw for extra safety
- Stainless steel hardware

DESIGN OPTIONS

- Mounting lugs with 5/16" holes (add suffix "L" to catalog number)
- Additional small hole drilling and tapping in the backwall for mounting of instrumentation
- 1/2" NPT or 3/4" NPT opening into back wall for conduit, sensor or probe
- Front Boss Modifications: 1/2", 3/4" or 1" NPT; 1/2", 3/4" or 1" NPSM; or 20mm or 25mm for sensor, probe or conduit entry
- 1/2" NPT reducers are available – add suffix "2" to catalog-number
- 1/4–20 UNC holes in front boss for bracket mounting (Consult factory for other sizes).
- High ambient silicone gasket (+70°C)

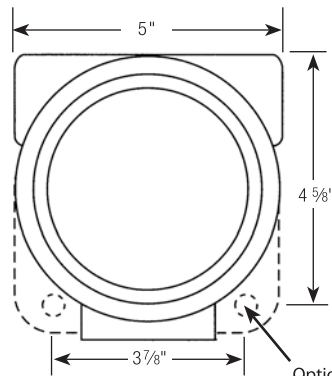
NOTE Throat diameter can be increased to 3 5/8" – please consult factory



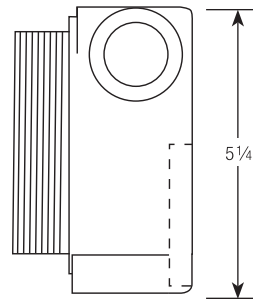
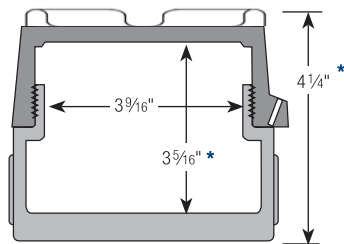
Certifications

Class I, Groups B,C,D	UL 1203
Class II, Groups E,F,G	FM 3615
Class III	CSA C22.2 No. 30
Class I, Zone 1, AEx d IIC	UL 60079-0/UL 60079-1
Ex d IIC	CSA 60079-0/CSA 60079-1
0539 II 2GD (Optional)	ATEX Directive 94/9/EC
Type 4X	UL 50
IP 66	IEC 60529
4X, 7BCD, 9EFG	NEMA Compliance





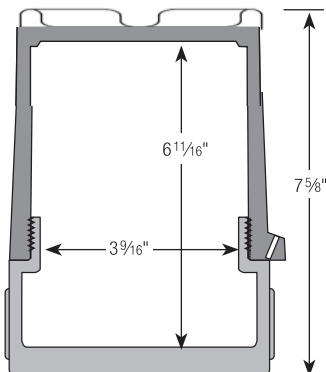
Optional mounting lugs (2)

**Solid Cover Arrangements**

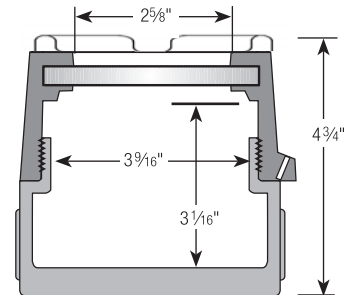
* Midsize solid cover available, add 11/16" to above dimensions

SOLID COVER

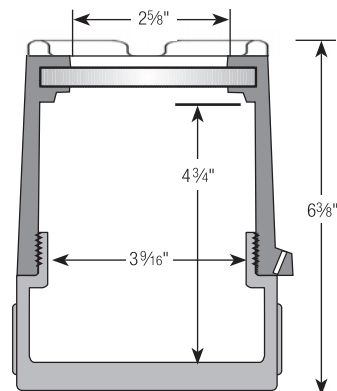
Catalog Number	Description
XIHMFCX	Flat Cover, 3/4" NPT Hubs
XIHMMCX	Mid Size Cover, 3/4" NPT Hubs

**SOLID COVER**

Catalog Number	Description
XIHMDCX	Dome Cover, 3/4" NPT Hubs

Glass Cover Arrangements**GLASS COVER**

Catalog Number	Description
XIHMFGCX	Flat Glass Cover, 3/4" NPT Hubs

**GLASS COVER**

Catalog Number	Description
XIHMDGCX	Dome Glass Cover, 3/4" NPT Hubs

XDHM (Medium) SERIES**3-5/8" ID Enclosures****Double-Ended Housing**

XDHM housings are designed to isolate incoming power connections from instrumentation. The 3-5/8" ID provides maximum clearance to facilitate instrument mounting, calibration or service, with back-to-back chambers separated by a solid, 1/2" thick wall. Precision machined from sand-cast, copper-free aluminum.

STANDARD FEATURES

- 3/4" NPT conduit feed-through hubs, offset into power side for maximum clearance and capacity
- Front boss with 3/4" NPT opening into instrument side for conduit, sensor or probe (see design options for other sizes)
- Internal and external ground screws and tamper resistant cover set screws for extra safety
- A choice of solid covers or 2-5/8" diameter tempered glass window for local read out and display
- 60° chamfer on window opening provides enhanced viewing angle
- Buna-Nitrile rubber gasket for NEMA Type 4X watertight applications
- Corrosion resistant, "safety blue" polyester powder coating (other colors available)
- Stainless steel hardware

DESIGN OPTIONS

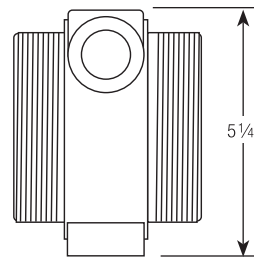
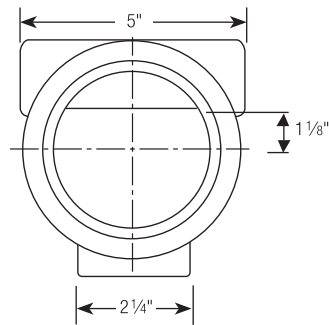
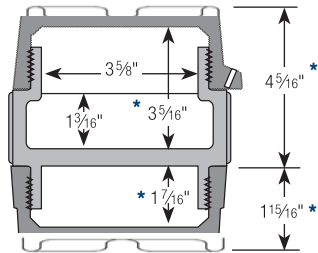
- 2- to 8-point, power side terminal strip with sealed pass-through to instrument (add suffix "2T", "4T", "6T" or "8T" to catalog number)
- Internal wall can be modified (Drilled & Tapped) to suit design needs, or be completely removed and still maintain approvals. Please consult factory.
- Power side (shallow side) cover options:

Flat Solid	—	Standard
Dome Glass	—	Add Suffix "A"
Flat Glass	—	Add Suffix "B"
Dome Solid	—	Add Suffix "C"
Midsized Solid	—	Add Suffix "D"
- Front Boss Modifications: 1/2", 3/4" or 1" NPT; 1/2", 3/4" or 1" NPSM; or 20mm or 25mm opening modify for sensor, probe or conduit entry
- 1/2" NPT reducers are available – add suffix "2" to catalog-number
- 1/4–20 UNC holes in front boss for bracket mounting. (Consult factory for other sizes.)
- High ambient silicone gasket (+70°C)

**Certifications**

Class I, Groups B,C,D	UL 1203
Class II, Groups E,F,G	FM 3615
Class III	CSA C22.2 No. 30
Class I, Zone 1, AEx d IIC	UL 60079-0/UL 60079-1
Ex d IIC	CSA 60079-0/CSA 60079-1
0539 Ⓜ II 2GD (Optional)	ATEX Directive 94/9/EC
Type 4X	UL 50
IP 66	IEC 60529
4X, 7BCD, 9EFG	NEMA Compliance

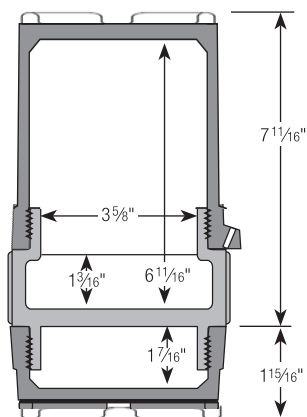


XDHM (Medium) SERIES**Solid Cover Arrangements**

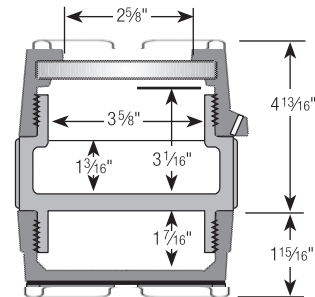
* Midsize solid cover available – add 11/16" to above dimensions.

SOLID COVER

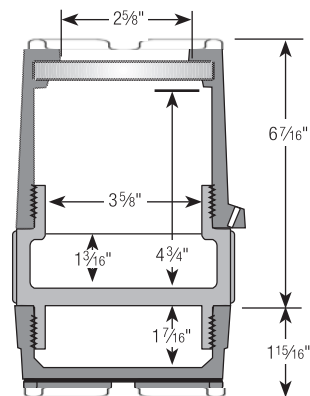
Catalog Number	Description
XDHMFCX	Flat Cover, 3/4" NPT Hubs
XDHMMCX	Mid Size Cover, 3/4" NPT Hubs

**SOLID COVER**

Catalog Number	Description
XDHMDCX	Dome Cover, 3/4" NPT Hubs

Glass Cover Arrangements**GLASS COVER**

Catalog Number	Description
XDHMFGCX	Flat Glass Cover, 3/4" NPT Hubs

**GLASS COVER**

Catalog Number	Description
XDHMDGCX	Dome Glass Cover, 3/4" NPT Hubs

XIHL (Large) SERIES

4" ID Enclosures

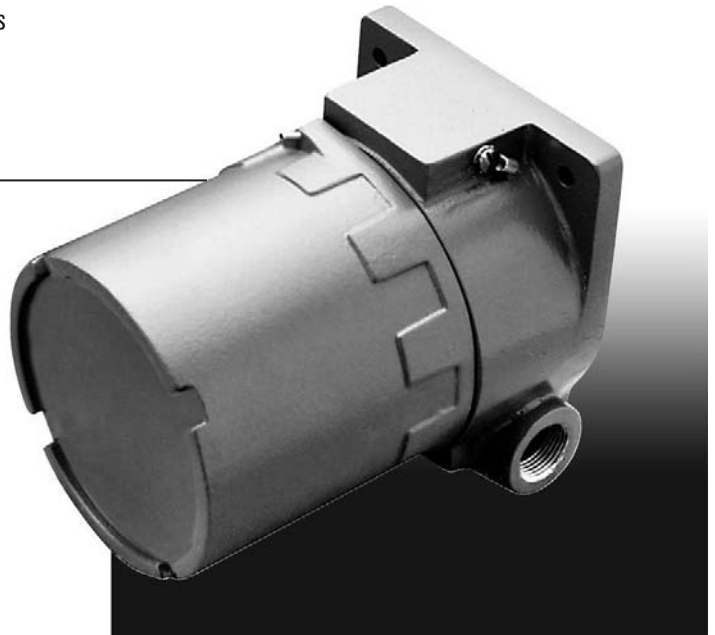
XIHL housings accommodate large diameter assemblies, multi-level circuit boards or wide angle readouts and displays. The 4" ID provides maximum clearance to facilitate instrument mounting, calibration or service. Precision machined from sand-cast copper-free aluminum.

STANDARD FEATURES

- 3/4" NPT conduit feed-through hubs offset for maximum clearance and capacity
- 1/2" thick base for blind tapped instrument mounting holes in any location
- Glass cover models have a large 3-5/16" diameter, tempered glass window for local read out
- Buna-Nitrile rubber gasket for NEMA Type 4X watertight applications
- Corrosion resistant, "safety blue" polyester powder coating (other colors available)
- Internal and external ground screws and tamper resistant cover set screw for extra safety
- Stainless steel hardware

DESIGN OPTIONS

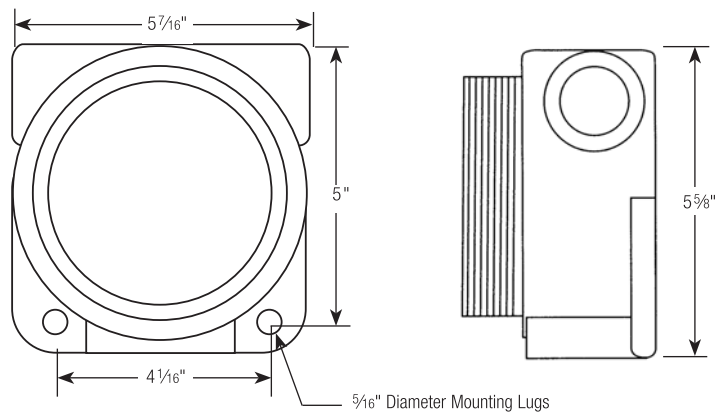
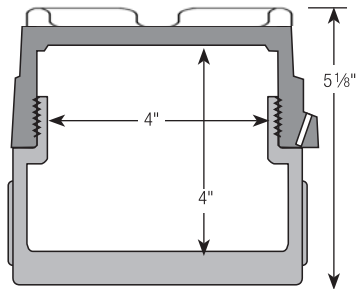
- Four 1/4–20 UNC holes in front boss for bracket mounting
- Front Boss and Backwall Modifications: 1/2" to 1" NPT, 1/2" to 3/4" NPSM or 20 mm for sensor, probe or conduit entry. Consult factory for other sizes.
- 1/2" NPT reducers are available – add suffix "2" to catalog-number
- High ambient silicone gasket (+70°C)



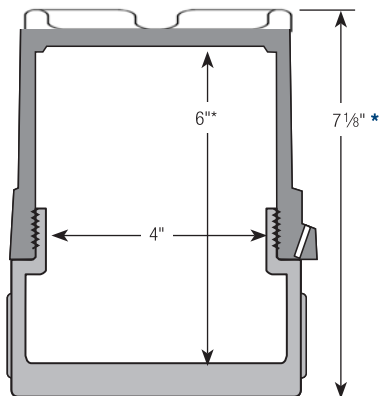
Certifications

Class I, Groups B,C,D	UL 1203
Class II, Groups E,F,G	FM 3615
Class III	CSA C22.2 No. 30
Class I, Zone 1, AEx d IIC	UL 60079-0/UL 60079-1
Ex d IIC	CSA 60079-0/CSA 60079-1
0539 Ⓜ II 2GD (Optional)	ATEX Directive 94/9/EC
Type 4X	UL 50
IP 66	IEC 60529
4X, 7BCD, 9EFG	NEMA Compliance



XIHL (Large) SERIES**Solid Cover Arrangements****SOLID COVER**

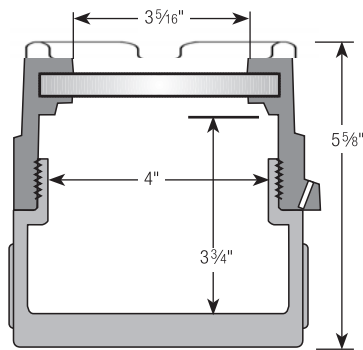
Catalog Number	Description
XIHLFCX	Flat Cover, 3/4" NPT Hubs



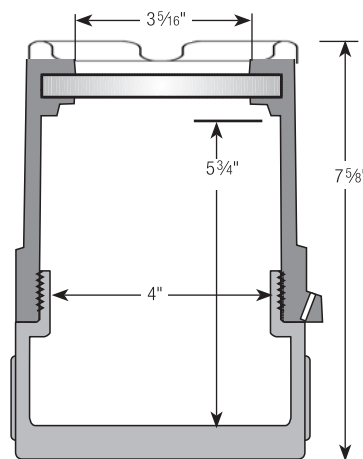
* Extended dome height cover available, add 15/16" to dimensions

SOLID COVER

Catalog Number	Description
XIHLDCX	Dome Cover, 3/4" NPT Hubs
XIHLECX	Extended dome cover

Glass Cover Arrangements**GLASS COVER**

Catalog Number	Description
XIHLFGCX	Flat Glass Cover, 3/4" NPT Hubs

**GLASS COVER**

Catalog Number	Description
XIHLDCX	Dome Glass Cover, 3/4" NPT Hubs

XDHL (Large) SERIES

4" ID Enclosures Double-Ended Housing

XDHL housings are designed to isolate incoming power connections from instrumentation. The 4" ID provides maximum clearance to facilitate instrument mounting, calibration or service, with back-to-back chambers separated by a solid, 1/2" thick wall. Precision machined from sand-cast, copper-free aluminum.

STANDARD FEATURES

- 3/4" NPT conduit feed-through hubs, offset into power side for maximum clearance and capacity
- Front boss with 3/4" NPT opening into instrument side for conduit, sensor or probe (see design options for other sizes)
- Internal and external ground screws and tamper resistant cover set screws for extra safety
- A choice of solid covers or 3-5/16" diameter tempered glass window for local read out and display
- Buna-Nitrile rubber gasket for NEMA Type 4X watertight applications
- Corrosion resistant, "safety blue" polyester powder coating (other colors available)
- Stainless steel hardware

DESIGN OPTIONS

- 2- to 12-point, power side terminal strip with sealed pass-through to instrument (add suffix "2T", "4T", "6T", "8T", "10T" or "12T" to catalog number)
- Internal wall can be modified (Drilled & Tapped) to suit design needs, or be completely removed and still maintain approvals. Please consult factory.

- Power side (shallow side) cover options:

Flat Solid	—	Standard
Dome Glass	—	Add Suffix "A"
Flat Glass	—	Add Suffix "B"
Dome Solid	—	Add Suffix "C"

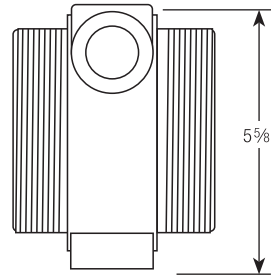
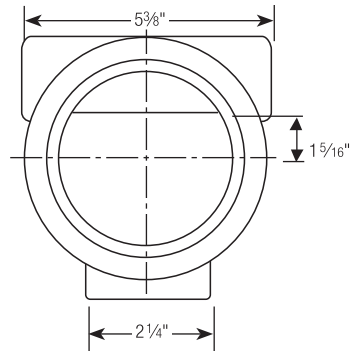
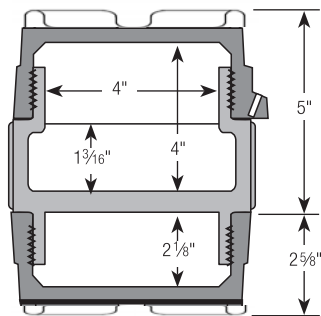
- Front Boss Modifications: 1/2", 3/4" or 1" NPT; 1/2", 3/4" or 1" NPSM; or 20mm, 25mm or 30mm entry for sensor, probe or conduit
- 1/2" NPT reducers are available – add suffix "2" to catalog-number
- Four 1/4–20 UNC holes in front boss for bracket mounting. (Consult factory for other sizes)
- High ambient silicone gasket (+70°C)



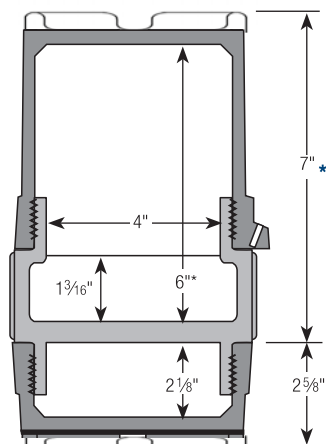
Certifications

Class I, Groups B,C,D	UL 1203
Class II, Groups E,F,G	FM 3615
Class III	CSA C22.2 No. 30
Class I, Zone 1, AEx d IIC	UL 60079-0/UL 60079-1
Ex d IIC	CSA 60079-0/CSA 60079-1
0539 Ⓜ II 2GD (Optional)	ATEX Directive 94/9/EC
Type 4X	UL 50
IP 66	IEC 60529
4X, 7BCD, 9EFG	NEMA Compliance



**Solid Cover Arrangements****SOLID COVER**

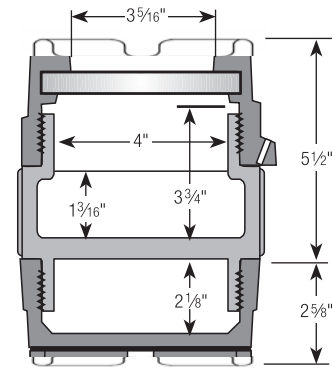
Catalog Number	Description
XDHLFCX	Flat Cover, 3/4" NPT Hubs



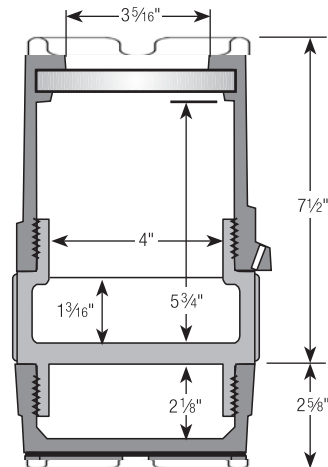
* Extended height cover available, add 15/16" to dimensions

SOLID COVER

Catalog Number	Description
XDHLDCX	Dome Cover, 3/4" NPT Hubs
XDHLECX	Extended dome cover, 3/4" NPT Hubs

Glass Cover Arrangements**GLASS COVER**

Catalog Number	Description
XDHLFGCX	Flat Glass Cover, 3/4" NPT Hubs

**GLASS COVER**

Catalog Number	Description
XDHLDCGX	Dome Glass Cover, 3/4" NPT Hubs

XIHS (Small) SERIES**2-5/8" ID Enclosures**

XIHS housings are designed to accommodate small instruments or devices. The 2-5/8" ID enclosure is offered in six different conduit configurations and a choice of cover arrangements. Precision machined from sand-cast, copper-free aluminum.

STANDARD FEATURES

- 1/2", 3/4" or 1" NPT conduit feed-through hubs for power
- Internal ground screw
- Interior instrument mounting bosses that accommodate blind tapped holes on a 2" bolt circle
- Glass cover arrangements with a 1-1/8" diameter tempered glass window for local read out
- Buna-Nitrile rubber gasket for NEMA Type 4X watertight applications
- Tumbleblast, natural aluminum finish

DESIGN OPTIONS

- Corrosion resistant, "safety blue" polyester powder coating (other colors available)

**Certifications**

Class I, Groups B,C,D
Class II, Groups E,F,G
Class III
4X, 7BCD, 9EFG

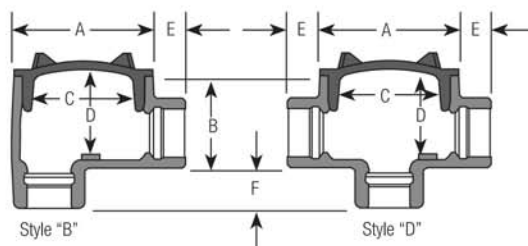
FM Standard 3615
UL Standard 1203
CSA Standard C22.2 No. 30
NEMA Compliance



COVER ARRANGEMENTS

Base Styles	Catalog #	Conduit Size	Catalog #	Conduit Size	Catalog #	Conduit Size
B	XIHSBFC2	1/2" NPT	XIHSBDC2	1/2" NPT	XIHSBDGC2	1/2" NPT
	XIHSBFC3	3/4" NPT	XIHSBDC3	3/4" NPT	XIHSBDGC3	3/4" NPT
	XIHSBFC4	1" NPT	XIHSBDC4	1" NPT	XIHSBDGC4	1" NPT
C	XIHSCFC2	1/2" NPT	XIHSCDC2	1/2" NPT	XIHSCDGC2	1/2" NPT
	XIHSCFC3	3/4" NPT	XIHSCDC3	3/4" NPT	XIHSCDGC3	3/4" NPT
	XIHSCFC4	1" NPT	XIHSCDC4	1" NPT	XIHSCDGC4	1" NPT
D	XIHSDFC3	3/4" NPT	XIHSDDC3	3/4" NPT	XIHSDDGC3	3/4" NPT
	XIHSDFC4	1" NPT	XIHSDDC4	1" NPT	XIHSDDGC4	1" NPT
L	XIHSLFC2	1/2" NPT	XIHSLDC2	1/2" NPT	XIHSLDGC2	1/2" NPT
	XIHSLFC3	3/4" NPT	XIHSLDC3	3/4" NPT	XIHSLDGC3	3/4" NPT
	XIHSLFC4	1" NPT	XIHSLDC4	1" NPT	XIHSLDGC4	1" NPT
T	XIHSTFC2	1/2" NPT	XIHSTDC2	1/2" NPT	XIHSTDGC2	1/2" NPT
	XIHSTFC3	3/4" NPT	XIHSTDC3	3/4" NPT	XIHSTDGC3	3/4" NPT
	XIHSTFC4	1" NPT	XIHSTDC4	1" NPT	XIHSTDGC4	1" NPT
X	XIHSXFC2	1/2" NPT	XIHSXDC2	1/2" NPT	XIHSXDGC2	1/2" NPT
	XIHSXFC3	3/4" NPT	XIHSXDC3	3/4" NPT	XIHSXDGC3	3/4" NPT
	XIHSXFC4	1" NPT	XIHSXDC4	1" NPT	XIHSXDGC4	1" NPT
Y	XIHSYFC23	ONE 1/2" NPT	XIHSYDC23	ONE 1/2" NPT	XIHSYDGC23	ONE 1/2" NPT
		ONE 3/4" NPT		ONE 3/4" NPT		ONE 3/4" NPT

NOTE Above dimensions are for 1/2" and 3/4" NPT. For 1" NPT housings, add 5/16" to height dimensions



Conduit Size	A	B	C	D	E	F
1/2	3 1/2	2-1/16	2-5/8	1-11/16	7/8	7/8
3/4	3 1/2	2-1/16	2-5/8	1-11/16	7/8	7/8
1	3 1/2	2-3/8	2-5/8	2	1	1

4-1/16" ID Enclosures

Designed to house circuit boards, meters, and instrumentation, Adalet die-cast aluminum housings provide rugged protection for measurement and detection applications in corrosive, hazardous areas. The XIHN series die-cast aluminum instrument enclosures are ideal for housing and protecting OEM measurement and sensing devices in harsh or hazardous environments.



STANDARD FEATURES

- Modern contour design provides updated look for OEM instrument products
- Die-casting provides superior finish
- Removable mounting panel for convenient field drilling & tapping of mounting holes
- Up to four conduit entries / Two 3/4" NPT conduit entries are standard
- Two cast-on centered mounting tabs
- Generous front boss allows for optional bracket holes or larger conduit entry (up to 1" NPT)
- Glass covers feature low profile / tab free retaining ring for maximum instrument clearance
- Two solid and two glass cover choices to accommodate various depth instruments
- Bored throat opening provides superior concentricity – 4-1/16" diameter
- Glass covers feature 3-5/16" viewing window diameter
- Internal / external grounding hardware
- Global certifications: UL, cUL, ATEX, and IECEx

DESIGN OPTIONS

- 1/4"-20 UNC holes in front boss for bracket mounting
- Front boss modifications: 1/2", 3/4" or 1" NPT and various NPSM and metric entries
- 1/2" NPT reducers available (add suffix "2" to catalog number)
- Custom drilling & tapping in mounting pan
- Backwall NPT entry in lieu of mounting pan

Certifications

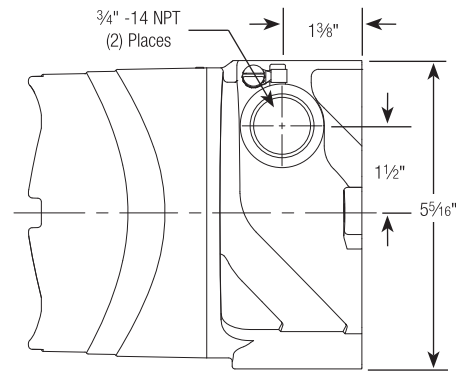
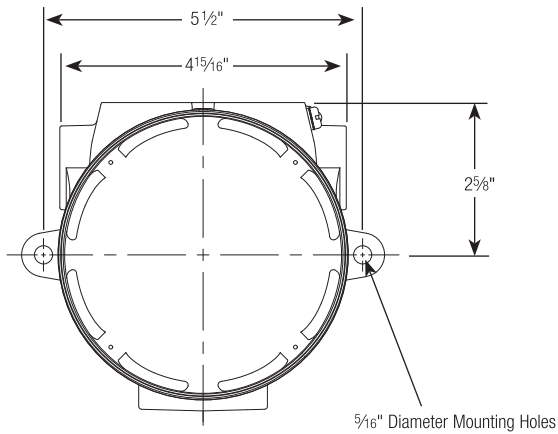
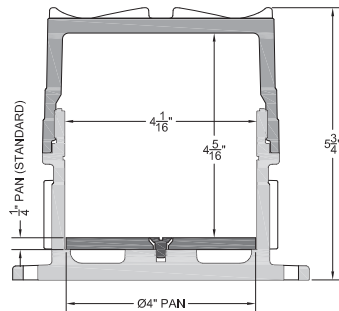
Classified	ATEX (Optional)
Class I, Div 1 Groups B,C,D	DEMKO 07 ATEX 0622294U (Optional)
Class II, Div 1 Groups E,F,G	0539 II 2 G Ex d IIC Gb (Optional)
Class III	0539 II 2 D Ex tb IIIC Db IP66 (Optional)
NEMA Type 4X	IECEx (Optional)
Class I Zone 1 AEx d IIC	IECEx UL 08.0005U (Optional)
Ex d IIC (Canada)	Ex d IIC Gb (Optional)
	Ex tb IIIC Db IP66 (Optional)

Standard Ambient Temp. Range: -34°C<Ta<+100°C

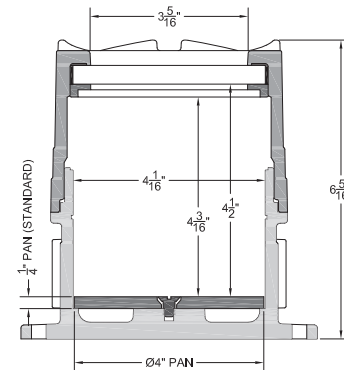
Optional Ambient Temp. Range: -50°C<Ta<+100°C



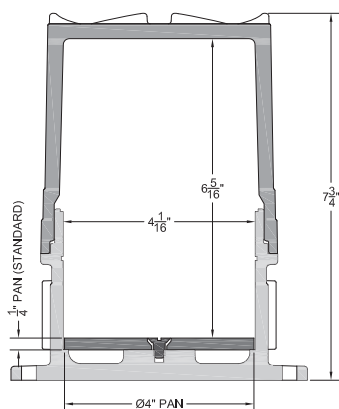
NOTE An extended temperature range applies to ATEX and IECEx ratings only (-50°C to +85°C ambient).

**Solid Cover Arrangements****SOLID COVER**

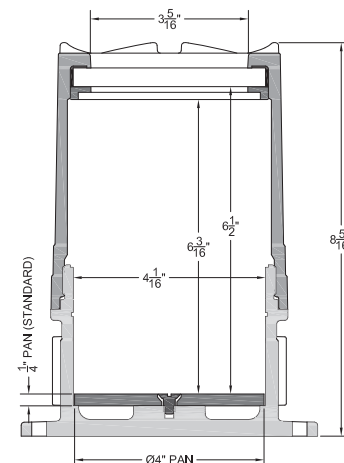
Catalog Number	Description
XIHNFCX	Flat Cover 3/4" NPT Hubs

Glass Cover Arrangements**GLASS COVER**

Catalog Number	Description
XIHNFGCX	Flat Glass Cover 3/4" NPT Hubs

**SOLID COVER**

Catalog Number	Description
XIHNDXCX	Dome Cover 3/4" NPT Hubs

**GLASS COVER**

Catalog Number	Description
XIHNDGCX	Dome Glass Cover 3/4" NPT Hubs

4-1/16" ID Enclosures

Stainless Steel

The new XIHNS next generation stainless steel, explosionproof instrument enclosure features a new, updated design and various features, options and approvals. The 316L investment cast, stainless steel housing is ideal for rugged or explosionproof applications where severe corrosion exists. The modern, contour design provides an updated look for OEM applications housing sensitive instrumentation such as measurement devices, transmitters, multi-level circuit boards, or wide angle readouts and displays.

STANDARD FEATURES

- Modern contour design provides updated look for OEM instrument products
- Investment casting provides superior finish
- Removable internal mounting panel for convenient field drilling & tapping of mounting holes
- Up to five conduit entries – most on the market / Three 3/4" NPT conduit entries are standard
- Two cast-on mounting tabs, centered, with an optional 3rd tab for heavy vibration applications
- Generous front boss allows for optional bracket holes or larger conduit entry (up to 1-1/4" NPT)
- Bored throat opening provides superior concentricity – 4" diameter
- Two solid and two glass covers are available to accommodate various depth instruments.
- Glass covers feature 3.31" viewing window diameter
- Glass covers feature low profile / tab free retaining ring for maximum instrument clearance
- Internal / external grounding hardware
- Global certifications: UL, cUL, ATEX, and IECEx

DESIGN OPTIONS

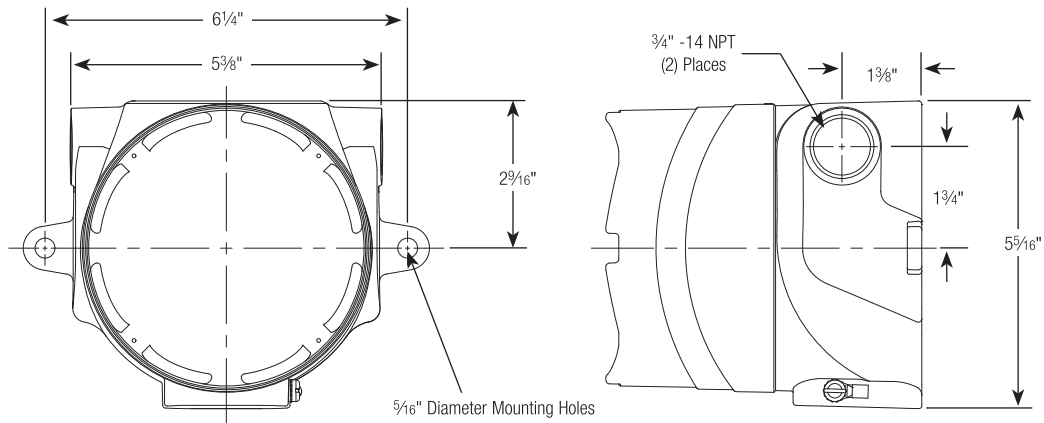
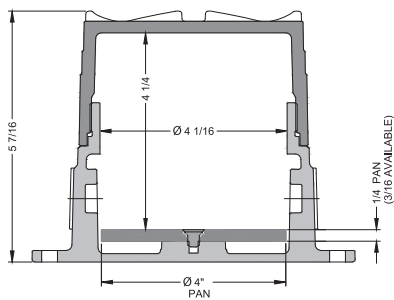
- 1/4"-20 UNC holes in front boss for bracket mounting
- Front boss modifications: 1/2", 3/4" or 1" NPT and various NPSM & metric entries
- 1/2" NPT reducers available (add suffix "2" to catalog number)
- Custom drilling & tapping in mounting pan
- Backwall NPT entry in lieu of mounting pan



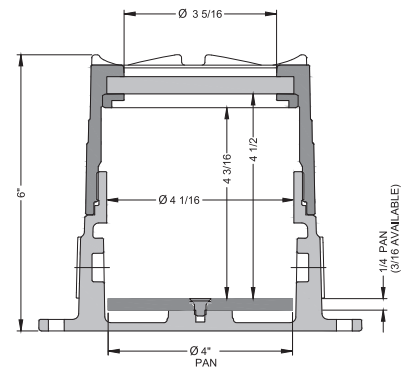
Certifications

Classified	IECEx (Optional)
Class I, Div 1 Groups B,C,D	Ex d IIC (Optional)
Class II, Div 1 Groups E,F,G	IP66 (Optional)
Class III	EN60079-0
NEMA Type 4X	EN60079-1
UL 1203	EN61241-0
CSA C22.2 No. 30	EN61241-1
CSA C22.2 No. 25	EN60529
II 2G Ex d IIC (Optional)	IEC60079-0
II 2D Ex tD A20 (Optional)	IEC60079-1
IP66 (Optional)	IEC60529

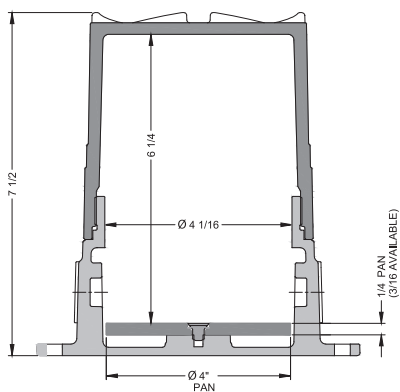


**Solid Cover Arrangements****SOLID COVER**

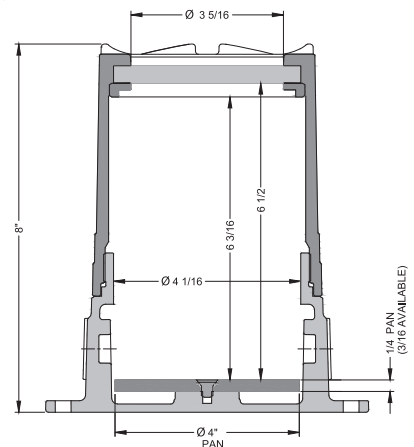
Catalog Number	Description
XIHNSFCX	Flat Cover 3/4" NPT Hubs

Glass Cover Arrangements**GLASS COVER**

Catalog Number	Description
XIHNSFGCX	Flat Glass Cover 3/4" NPT Hubs

**SOLID COVER**

Catalog Number	Description
XIHNSDCX	Dome Cover 3/4" NPT Hubs

**GLASS COVER**

Catalog Number	Description
XIHNSDGCX	Dome Glass Cover 3/4" NPT Hubs