

# EYDX expanded fill sealing fittings with drains

See pages 124-125 for Chico sealing compound and fiber

Cl. I, Div. 1 & 2, Groups B, C, D  
 Cl. II, Div. 1, Groups E, F, G  
 Cl. II, Div. 2, Groups F, G  
 Cl. III

Explosionproof  
 Dust-ignitionproof

5F  
 5F

## Applications:

EYDX expanded fill sealing fittings with drains:

- Restrict the passage of gases, vapors or flames from one portion of the electrical installation to another at atmospheric pressure and normal ambient temperatures
- Limit explosions to the sealed off enclosure
- Prevent pre-compression or “pressure piling” in conduit systems
- Provide 40% wire fill capacity to allow uninterrupted runs in a conduit system

Drain sealing fittings are installed in vertical conduit runs and at low points in conduit systems to prevent accumulation of condensate above seal.

For sealing fittings requirements, see page 111.

## Features:

EYDX expanded fill drain sealing fittings provide:

- A 40% wire fill capacity for expanded fill sealing
- Drain to provide continuous, automatic drainage of condensate
- Large openings with threaded closures to provide easy access to conduit hubs for making dams
- Integral bushings to protect conductor insulation from damage
- Taper tapped hubs to ensure ground continuity

## Certifications and compliances:

### NEC/CEC:

#### EYDX11-EYDX81

- Class I, Divisions 1 & 2, Groups B, C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

#### EYDX1 SA-EYDX8 SA

- Class I, Divisions 1 & 2, Groups C, D
- Class II, Division 1, Groups F, G
- Class II, Division 2, Groups F, G
- Class III

### UL standard:

- UL1203

### CSA standard:

- C22.2 No. 30

## Standard materials:

- Bodies and drain covers – Feraloy iron alloy, and ductile iron or copper-free aluminum (with suffix SA)
- Closure for drain – copper-free aluminum or malleable iron
- Small closure plug – Feraloy iron alloy and/or steel or copper-free aluminum (with suffix SA)
- Drain – stainless steel

## Standard finishes:

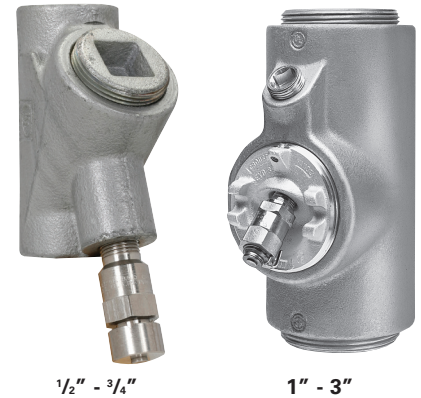
- Feraloy iron alloy and ductile iron – electrogalvanized and aluminum acrylic paint
- Copper-free aluminum – natural
- Stainless steel – natural
- Steel – electrogalvanized

## Options:

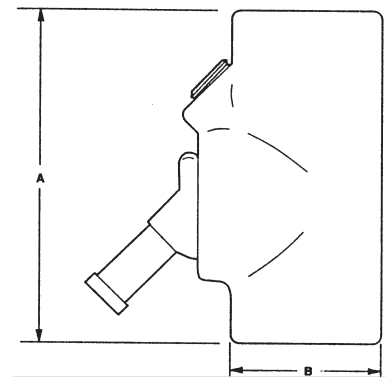
Description	Suffix
• Copper-free aluminum bodies and enclosures .....	SA

## Ordering information:

Hub size	Cat. # Female hub	Internal volume in cubic inches
1/2"	EYDX11 <sup>Ⓐ</sup>	2
1/2"	EYDX1 SA	2
3/4"	EYDX21 <sup>Ⓐ</sup>	3 3/4
3/4"	EYDX2 SA	3 3/4
1"	EYDX31	8
1"	EYDX3 SA	8
1 1/4"	EYDX41	20
1 1/2"	EYDX51	20
1 1/2"	EYDX5 SA	20
2"	EYDX61	57
2"	EYDX6 SA	57
2 1/2"	EYDX71	75
2 1/2"	EYDX7 SA	75
3"	EYDX81	105
3"	EYDX8 SA	105



## Dimensions (in inches):



Hub size	A	B	Turning radius
1/2"	3 11/16	1 1/2	1 29/32
3/4"	4 5/16	2 3/16	2 7/8
1"	5 1/16	2 3/16	1 27/32 <sup>Ⓒ</sup>
1 1/4"	6 1/4	3	2 5/16 <sup>Ⓒ</sup>
1 1/2"	6 1/4	3	2 5/16 <sup>Ⓒ</sup>
2"	8 1/2	4 1/4	3 7/16 <sup>Ⓒ</sup>
2 1/2"	9 3/16	4 3/4	3 7/16 <sup>Ⓒ</sup>
3"	9 3/4	5 1/4	3 7/16 <sup>Ⓒ</sup>

Sealing fittings are approved for use in hazardous locations only when Chico X fiber and Chico A sealing compound or Chico SpeedSeal are used to make the seal.

<sup>Ⓐ</sup> See Certifications and compliances section for classification of each product.

<sup>Ⓑ</sup> Feraloy.

<sup>Ⓒ</sup> With drain cover removed.