

EYD and EZD conduit sealing fittings with drains

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

Applications:

EYD drain and EZD drain and inspection sealing fittings:

- 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

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:

EYD and EZD drain sealing fittings include:

- 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

EZD drain and inspection sealing fittings also include:

- Removable covers for periodic inspection of seals
- Barrier for sealing compound easily installed after dams are made and before compound is poured

Certifications and compliances:

NEC/CEC:

EYD11-EYD101, EYD116-EYD1016

- 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

EYD1-EYD10, EYD16-EYD106, EZD111-EZD611

- 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

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.

A See Certifications and compliances section for classification of each product.

B Available in copper-free aluminum. To order, add suffix 'SA' to end of catalog number.

Standard materials:

- Bodies and inspection or drain covers – Feraloy iron alloy and/or ductile iron
- Closure for drain – copper-free aluminum or ductile iron
- Small closure plug – Feraloy iron alloy and/or steel
- Drain – stainless steel
- Removable nipples – steel

Standard finishes:

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

Ordering information:

EYD



1/2" - 1"
female hub



1/2" - 1"
male and female hub



1 1/4" - 4"
female hub



1 1/4" - 4"
male and female hub

Hub size	Cat. # Female hub	Cat. # Male and female hub	Cat. # Female hub	Cat. # Male and female hub	Approximate internal volume in cubic inches
1/2"	EYD1 ^B	EYD16 ^B	EYD11	EYD116	1
3/4"	EYD2 ^B	EYD26 ^B	EYD21	EYD216	2
1"	EYD3 ^B	EYD36 ^B	EYD31	EYD316	3 3/4
1 1/4"	EYD4 ^B	EYD46 ^B	EYD41	EYD416	8
1 1/2"	EYD5 ^B	EYD56 ^B	EYD51	EYD516	10 3/4
2"	EYD6 ^B	EYD66 ^B	EYD61	EYD616	20
2 1/2"	EYD7 ^B	EYD76 ^B	EYD71	EYD716	35
3"	EYD8 ^B	EYD86 ^B	EYD81	EYD816	57
3 1/2"	EYD9 ^B	EYD96 ^B	EYD91	EYD916	75
4"	EYD10 ^B	EYD106 ^B	EYD101	EYD1016	105

EYD and EZD conduit sealing fittings with drains

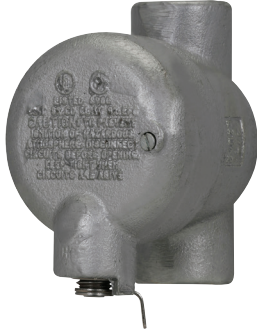
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Explosionproof
 Dust-ignitionproof

5F
 5F

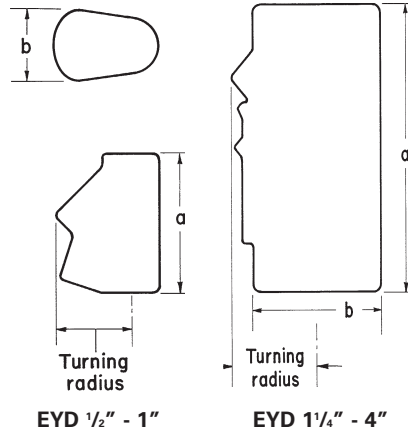
Ordering information (continued):

EZD with drain and inspection cover



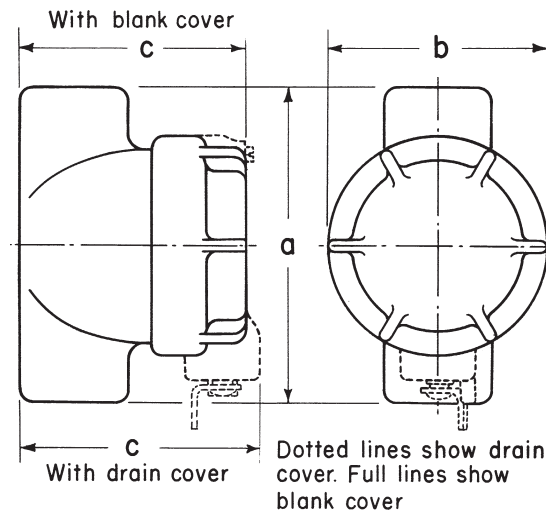
Hub size	Cat. #	Approximate internal volume in cubic inches
1/2"	EZD111	5
3/4"	EZD211	6
1"	EZD311	10
1 1/4"	EZD411	11
1 1/2"	EZD511	13
2"	EZD611	40

Dimensions (in inches):



EYD drain seal

Hub size	a	b	Turning radius
1/2"	3 ³ / ₃₂	1 ¹ / ₄	1 ¹ / ₈
3/4"	3 ¹¹ / ₁₆	1 ¹ / ₂	1 ²⁹ / ₃₂
1"	4 ⁵ / ₁₆	2 ³ / ₁₆	2 ⁷ / ₈
1 1/4"	5 ¹ / ₁₆	2 ⁷ / ₁₆	1 ²¹ / ₃₂ [Ⓢ]
1 1/2"	5 ¹ / ₂	2 ⁷ / ₁₆	2 ¹ / ₁₆ [Ⓢ]
2"	6 ¹ / ₄	3	2 ⁵ / ₁₆ [Ⓢ]
2 1/2"	7 ¹ / ₂	3 ¹ / ₂	2 ¹¹ / ₁₆ [Ⓢ]
3"	8 ¹ / ₂	4 ¹ / ₄	3 ⁵ / ₁₆ [Ⓢ]
3 1/2"	9 ³ / ₁₆	4 ³ / ₄	3 ⁷ / ₁₆ [Ⓢ]
4"	9 ³ / ₄	5 ¹ / ₄	3 ¹ / ₄ [Ⓢ]



EZD drain and inspection seals

Hub size	a	b	c (drain cover)	Turning radius [Ⓢ]
1/2"	4 ³ / ₁₆	3	3 ³ / ₈	2 ¹ / ₁₆
3/4"	4 ³ / ₁₆	3	3 ⁵ / ₈	2 ² / ₁₆
1"	4 ¹⁵ / ₁₆	3 ¹ / ₂	3 ⁷ / ₈	2 ⁷ / ₁₆
1 1/4"	4 ¹⁵ / ₁₆	3 ¹ / ₂	4 ⁹ / ₁₆	2 ⁷ / ₈
1 1/2"	5 ³ / ₁₆	3 ¹ / ₂	4 ⁹ / ₁₆	2 ¹¹ / ₁₆
2"	7 ¹ / ₈	5 ³ / ₁₆	5 ¹ / ₄	3 ¹ / ₁₆

[Ⓢ]With cover removed.