

Application

Sealing fittings are used in conduit systems for Zone 1, Zone 2, and Zone 21, Zone 22 hazardous areas to prevent the passage of gases, vapors, or flames from one portion of the electrical installation to another through the conduit.

- EYS series: for sealing in vertical positions.
- EYK series: for sealing in horizontal positions.
- EYD series: for sealing in vertical positions and providing a continuous water drain path.

Specification

Body material : Marine grade copper-free aluminium alloy with polyester powder coated, RAL 7032 (Grey)

Technical Data

Hazardous Area	Gas	Dust
Zones	1 & 2	21 & 22
Equipment Group/Category	II 2G	II 2D
Symbol of Protection	Ex db IIC Gb	Ex tb IIIC Db
T Rating	Temperature class of enclosure to which will be connected.	
Conformity to Standards	EN IEC 60079-0, EN 60079-1, EN IEC 60079-31	
Ambient Temperature	-20°C to +75°C	
Index of Protection	IP66	



EYS

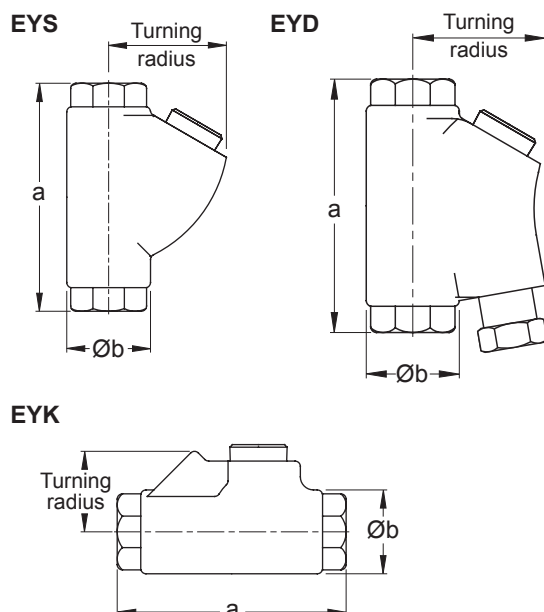


EYK



EYD

Ordering Requirements and Dimensions



Cat. No.	Entry threads (Female)	Dimensions in mm			Approx. weight (kg)
		a	Ø b	Turning Radius	
Vertical position					
EYS 1	1/2" NPT	87.0	32.0	45.0 ✱	0.156
EYS 2	3/4" NPT	96.0	38.0	54.5 ✱	0.237
EYS 3	1" NPT	107.0	45.0	63.0 ✱	0.365
EYS 4	1-1/4" NPT	120.0	58.0	77.5 ✱	0.601
EYS 5	1-1/2" NPT	138.0	63.0	88.5 ✱	0.655
EYS 6	2" NPT	157.0	76.0	105.0 ✱	1.210
EYS 7	2-1/2" NPT	185.0	90.0	124.0 ✱	1.707
EYS 8	3" NPT	217.0	106.0	146.0 ✱	2.436
EYS 9	3-1/2" NPT	258.0	132.0	181.5 ✱	4.999
EYS 10	4" NPT	260.0	133.0	183.0 ✱	4.430
Horizontal position					
EYK 1	1/2" NPT	87.5	32.0	31.0 ✱	0.149
EYK 2	3/4" NPT	99.5	40.0	33.5 ✱	0.211
EYK 3	1" NPT	103.0	45.0	37.5 ✱	0.319
EYK 4	1-1/4" NPT	130.0	58.0	51.0 ✱	0.644
EYK 5	1-1/2" NPT	138.0	65.0	54.5 ✱	0.705
EYK 6	2" NPT	152.0	76.0	60.0 ✱	0.963
EYK 7	2-1/2" NPT	174.0	88.0	69.0 ✱	1.258
EYK 8	3" NPT	196.0	104.0	77.0 ✱	1.806
EYK 9	3-1/2" NPT	241.0	129.0	89.5 ✱	3.295
EYK 10	4" NPT	242.0	134.0	92.0 ✱	3.652
Vertical position with drain					
EYD 1	1/2" NPT	87.0	32.0	45.5 †	0.250
EYD 2	3/4" NPT	96.0	38.0	52.0 †	0.335
EYD 3	1" NPT	107.0	45.0	61.5 †	0.347

✱ The turning radius is measured with the cover or plug removed.

† The turning radius is measured with the drain fitting removed.