

GUBB Blank Body Cast Junction Boxes

Explosionproof, Dust-Ignitionproof

Drilling and tapping ordering information.

NEC/CEC:

Class I, Division 1 and 2, Groups B, C, D

Class II, Division 1 and 2, Groups E, F, G

Class III

NEMA 3, 3R, 4, 7BCD, 9EFG

Diameters of Bushings, Unions, Conduit and Seals (in Millimeters (Inches))

Conduit Size Inches	Diameters of fittings for 1/2 through 4" conduit									
	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	3-1/2	4
BBU Bushing	26.9 (1.06)	33.3 (1.31)	39.6 (1.56)	49.3 (1.94)	55.6 (2.19)	68.3 (2.69)	81.0 (3.19)	98.6 (3.88)	111.3 (4.38)	124.0 (4.88)
BU Bushing	28.7 (1.13)	31.8 (1.25)	41.4 (1.63)	52.3 (2.06)	58.7 (2.31)	74.7 (2.94)	82.6 (3.25)	98.6 (3.88)	115.8 (4.56)	128.5 (5.06)
UNY-UNF (R) Union	38.1 (1.50)	44.5 (1.75)	50.8 (2.00)	71.4 (2.81)	77.7 (3.06)	95.3 (3.75)	125.5 (4.94)	138.2 (5.44)	150.9 (5.94)	165.1 (6.50)
Conduit	22.4 (0.88)	26.9 (1.06)	35.1 (1.38)	42.9 (1.69)	49.3 (1.94)	60.5 (2.38)	73.2 (2.88)	88.9 (3.50)	101.6 (4.00)	114.3 (4.50)
EYM-EYF Seals T.R. ①	26.9 (1.06)	30.2 (1.19)	35.1 (1.38)	44.5 (1.75)	52.3 (2.06)	58.7 (2.31)	68.3 (2.69)	79.5 (3.13)	87.4 (3.44)	93.7 (3.69)

Wall Thickness and Maximum Conduit Size (in Millimeters (Inches))

Box Type	Top, Bottom and Sides		Back	
	Wall Thickness	Maximum Conduit Size	Wall Thickness	Maximum Conduit Size
GUBB-11, GUBB-11A	11.2 (0.44)	2	11.2 (0.44)	2
GUBB-22, GUBB-22A	11.2 (0.44)	2	16.0 (0.63)	4
GUBB-33, GUBB-33A	16.0 (0.63)	2	20.6 (0.81)	4

① T.R. is turning radius.

GUBB Cast Junction Boxes for Drilling and Tapping

Explosionproof, Dust-Ignitionproof

Drilled and tapped openings from 1/2" thru 4" as specified.

NEC/CEC:

Class I, Division 1 and 2, Groups B♦, C♦, D

Class II, Division 1 and 2, Groups E, F, G

Class III

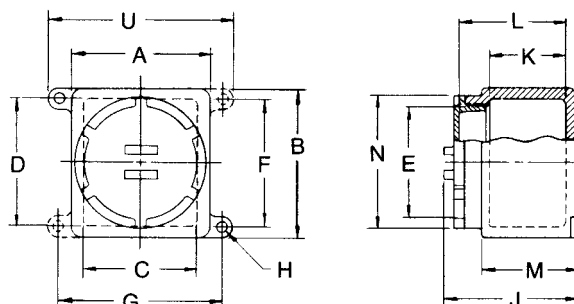
NEMA 3, 3R, 4, 7BCD, 9EFG

	Size L x W x D mm (in)	Cover Opening mm (in)	Form Number	Volume dm ³ (in ³)	Catalog Number	
					Malleable Iron ①	Aluminum ①
	177.8 x 165.1 x 171.5 (7.00 x 6.50 x 6.75)	136.7 (5.38)	1	2.0 (120)	GUBB-11	GUBB-11A
	254.0 x 203.2 x 174.8 (10.00 x 8.00 x 6.88)	182.6 (7.19)	2	3.7 (224)	GUBB-22	GUBB-22A
	304.8 x 304.8 x 196.9 (12.00 x 12.00 x 7.75)	246.1 (9.69)	3	7.5 (455)	GUBB-33	GUBB-33A

Class I, Division 1 Sealing Requirements

Box	Group	Seals Required ♦
GUBB	B, C ♦	Yes
GUBB	D	No

Catalog Number	Mounting Lugs
GUBB-11, 11A	2
GUBB-22, 22A	2
GUBB-33, 33A	4



Catalog Number	Dimensions in Millimeters (Inches)													
	A	B	C	D	E	F	G	H	J	K ②	L	M	N	U
GUBB-11	165.1	177.8	139.7	150.9	163.7	152.4	196.9	12.7	171.5	93.7	133.4	117.6	158.8	222.3
GUBB-11A	(6.50)	(7.00)	(5.50)	(5.94)	(5.38)	(6.00)	(7.75)	(0.50)	(6.75)	(3.69)	(5.25)	(4.63)	(6.25)	(8.75)
GUBB-22	203.2	254.0	181.1	228.6	182.6	228.6	235.0	12.7	174.8	88.9	133.4	117.6	203.2	260.4
GUBB-22A	(8.00)	(10.00)	(7.13)	(9.00)	(7.19)	(9.00)	(9.25)	(0.50)	(6.88)	(3.50)	(5.25)	(4.63)	(8.00)	(10.25)
GUBB-33	304.8	304.8	273.1	273.1	246.1	254.0	333.5	16.0	196.9	100.0	146.1	136.7	279.4	365.3
GUBB-33A	(12.00)	(12.00)	(10.75)	(10.75)	(9.69)	(10.00)	(13.13)	(0.63)	(7.75)	(3.94)	(5.75)	(5.38)	(11.00)	(14.38)

① Malleable iron and aluminum boxes furnished with aluminum cover.

② Inside dimensions.

♦ Sealing fitting must be installed within 2" of each conduit entrance (max. conduit for Group B and C is 2"). Seals not required in Class I, Division 2 areas provided there are no arcing or sparking devices in the box.

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GUBBM Instrument Enclosures

Explosionproof, Dust-Ignitionproof

GUBBM: Furnished with one 3/4" threaded conduit opening. Aluminum body with aluminum/glass cover.

NEC/CEC: ♦

Class I, Division 1 and 2, Group D

Class II, Division 1 and 2, Groups E, F, G

Class III

NEMA 3, 3R, 4

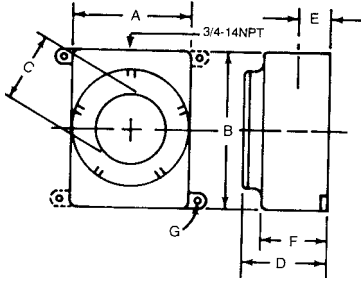
ENCLOSURES AND JUNCTION BOXES: NEC/CEC EXPLOSIONPROOF ENCLOSURES

	Type Box	Conduit Opening Size (Inches–NPT)	Cover Opening mm (in)	Wall Thickness mm (in)	Form Number	Catalog Number
	GUBB-11A	3/4	136.7 (5.38)	11.2 (0.44)	1	GUBBM-1A
	GUBB-22A	3/4	182.6 (7.19)	11.2 (0.44)	2	GUBBM-2A
	GUBB-33A	3/4	246.1 (9.69)	14.2 (0.56)	3	GUBBM-3A

Other drilled and tapped conduit opening arrangements and sizes available in addition to the one 3/4" conduit opening provided.

GUBB Cast Junction Boxes for Drilling and Tapping Blank Body Ordering Information

For Covers and Mounting Plates, Order from GUBB Surface and Special Purpose Covers page.

	Type Box	Mounting Lugs	Dimensions in Millimeters (Inches)						
			A	B	C	D	E	F	G
	GUBBM-1A	2	165.1 (6.50)	177.8 (7.00)	79.5 (3.13)	143.0 (5.63)	52.3 (2.06)	117.6 (4.63)	12.7 (0.50)
	GUBBM-2A	2	203.2 (8.00)	254.0 (10.00)	120.7 (4.75)	143.0 (5.63)	52.3 (2.06)	117.6 (4.63)	12.7 (0.50)
	GUBBM-3A	4	304.8 (12.00)	304.8 (12.00)	174.8 (6.88)	227.1 (8.94)	88.9 (3.50)	136.7 (5.38)	16.0 (0.63)

♦ Not UL Listed or CSA Certified.