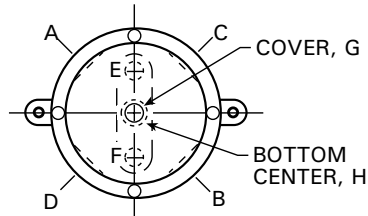
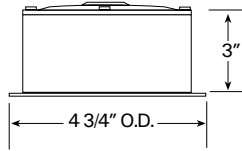




JBA/JBB JUNCTION BOX FOR DIRECT FIXTURE MOUNTING

Specifications

D:	4 - 3/4" 121 mm
H:	3" 76 mm



CATALOG NUMBER	
NOTES	
TYPE	

DESCRIPTION

Junction Boxes are available in cast bronze or aluminum and are used where splicing is required for single or multiple fixtures. Drilled and tapped to specified requirements.

ORDERING INFORMATION

EXAMPLE: JBA 34E 34F 12G WNS

JBA		34E 34F	12G	WNS
Model	Conduit Entries - Side ^{1,3}	Conduit Entries - Bottom ^{3t}	Fixture Mounting ^{1,3}	Accessories
JBA Junction Box, Aluminum	12A 1/2" NPT	12E 1/2" NPT	14G ² Accepts 1/4" NPT threaded knuckle	PC2112 Potting Compound
	34A 3/4" NPT	34E 3/4" NPT	12G ² Accepts 1/2" NPT threaded knuckle	WNS Wire Nuts - Silicone
JBB Junction Box, Bronze	16A PG16	16E PG16	34G ² Accepts 3/4" NPT threaded knuckle	
	20A M20	20E M20	16G ² Accepts PG16 NPT threaded knuckle	
	12B 1/2" NPT	12F ⁴ 1/2" NPT	20G ² Accepts M20 NPT threaded knuckle	
	34B 3/4" NPT	34F 3/4" NPT	SCG Stainless Cord Seal	
	16B PG16	16F PG16		
	20B M20	20F M20		
	12C 1/2" NPT	12H 1/2" NPT		
	34C 3/4" NPT	34H 3/4" NPT		
	16C PG16	1H 1" NPT		
	20C M20	16H PG16		
12D 1/2" NPT	20H M20			
34D 3/4" NPT				
16D PG16				
20D M20				

Notes:

- 1 Maximum of one size per location.
- 2 If 1H is chosen then no drilling is available at E and F locations.
- 3 PG16 and M20 drillings are for international applications.

NOTE: Hydrel Reserves The Right To Modify Specification Without Notice. Any dimension on this sheet is to be assumed as a reference dimension: "Used for information purposes only. It does not govern manufacturing or inspection requirements." (ANSI Y14.5-1973)



FIXTURE MOUNTING INFORMATION

Fixture Mounting	Size	Fixture that uses this mounting ¹ :
12C	1/2" NPT	4511, 4516, 4519, 4524, 4525, 4529, 4600 KM, 4709, 4798, 4799, 4750
16C	PG16	4600 KM with IEC listing
20C	20MM	no Hydrel
25C	25MM	no Hydrel
34C	3/4" NPT	4521
78C	7/8" thru hole	7000 KM
109C	1.09" thru hole	7100 KM
LSC	Large Cord Seal	7200 YM, 8200 YM
SC or SCM	Cord Seal	4600 YM, 4740, 7000 YM, 7100 YM, 8100 YM
TC	2 3/8" tenon	7200 KM - mounts over a standard 2 3/8" or T20 tenon
38TL	3/8" taper lock	TPS1, TPS2

Notes:

- 1 Not all fixtures on this chart are available with all accessories, consult the fixture mounting column to see which options are available on this mounting.

FEATURES & SPECIFICATIONS

MATERIAL: Heavy wall cast aluminum or bronze.

DIMENSIONS: Outside: 4 3/4" (121) diameter x 3" (76) deep.

Inside: 3 1/2" (89) diameter x 2" (51) deep.

FIXTURE MOUNTING: One opening at "G" location in lid accepting a thread knuckle.

CONDUIT ENTRIES: Bottom and side entries available; E, F, & H locations are on the bottom of the Junction Box; A, B, C & D locations are on the sides of the Junction Box. If three (3) bottom entries need to be drilled, the configuration changes to the alternate shown in figure B.

VOLUME: 25 cubic inches.

FINISH NOTE: Aluminum body coated with Permabar; Covers are natural aluminum.

LISTING: U.L.

*Note: Hydrel recommends sealing the conduit to maintain dry, clean electrical components.

