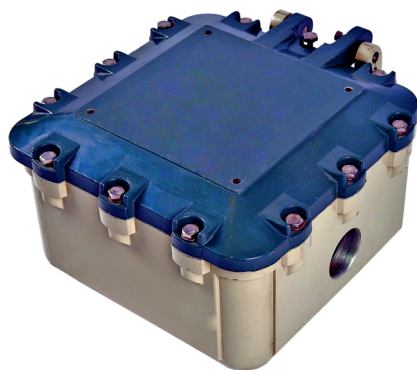




JUNCTION BOX

EJB 110

Flameproof



Zone 1,2,21,22

SPECIFICATION

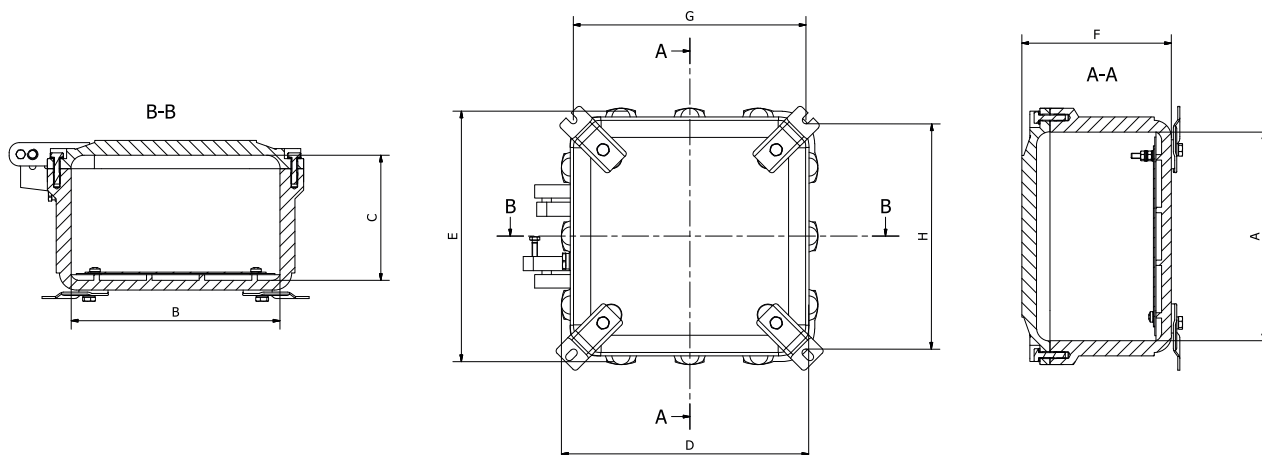
TYPE	EJB 110
Application	Flame proof Ex d enclosure
Protection	Ex d IIB Gb, Ex t IIB tb T85°C, 100°C & T135°C Db
Marking(ATEX)	Ⓔ II 2 G D
Ingress Protection to IEC 60259	IP 65
Temperature Class/Power dissipation	T6/T5/T4 (see table 1)
Certificate No.	ECM 16 ATEX - B 280 X
Standards	EN 60079-0 , EN 60079-1 , EN 60079-31 , IEC 60529
Material	Copper free Aluminum
Finish	As Aluminum or Electrostatic paint to suit customer Application
Ambient temperature	-30°C to +55°C
Lid Fixing	Flange type by 12 x M10 socket head stainless steel screw
Earthing	M5 External / M8 internal earth stud
Enclosure Mounting	4 slotted fixing holes for (M8) screws

Table 1- Maximum Permitted dissipation power

Type of Enclosure	Tamb (-20°C to + 40°C)			Tamb (-30°C to + 55°C)			Max. Rated Current(A)	Max. Rated Voltage(V)
	T4, T135°C	T5, T105°C	T6, T85°C	T4, T135°C	T5, T105°C	T6, T85°C		
EJB 110	446 W	235 W	130 W	346W	130W	50W	160	690

Table 2- Dimension

Type	Inside Nominal Dimension(mm)			Overall Dimension(mm)			Mounting Dimension(mm)		Weight (Kg)
	A	B	C	D	E	F	G	H	
EJB110	311	311	178	356	356	220	347	347	22



All information may be revised or changed by SHOMAL at anytime without prior notice or explanation.

JUNCTION BOX

EJB 110

Flameproof



Zone 1,2,21,22

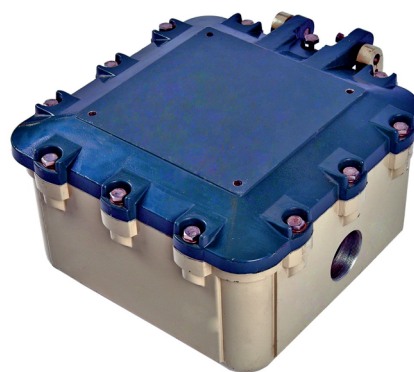
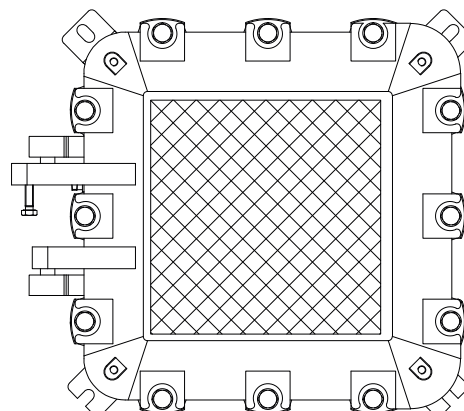
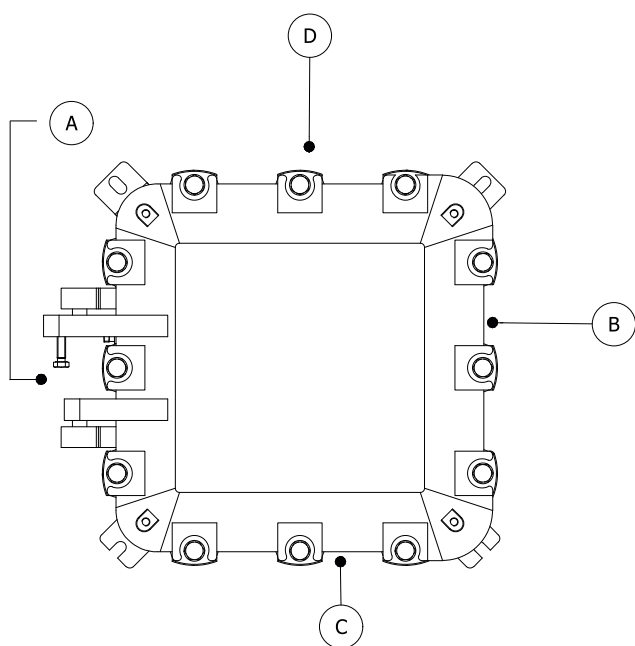
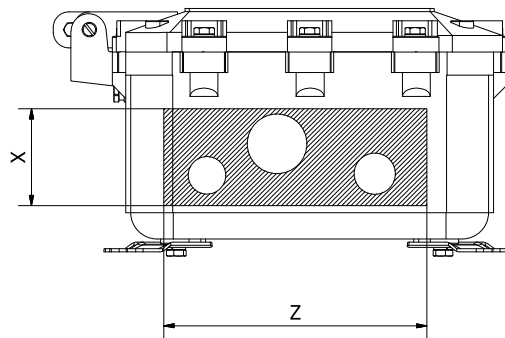
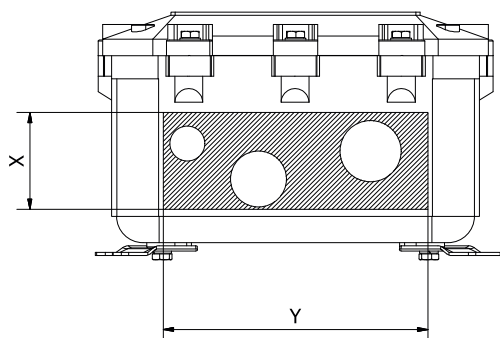


Table 3-Entries for cable gland on sides

EJB	Entry Size	Max. no. of Entries per side								Dimension		
		Metric	M16/M20	M25	M32	M40	M50	M63	M75	X	Y	Z
		NPT	1/2	3/4	1 - 1 1/4	1 1/4 - 1 1/2	2	2 1/2	3			
110	No. of Entries(s)/side(A,B)		21	14	8	4	3	2	2	77	230	
	No. of Entries(s)/side(C,D)		21	14	8	4	3	2	2	77		230



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