



JUNCTION BOX

EJB 120

Flameproof



Zone 1,2,21,22

SPECIFICATION

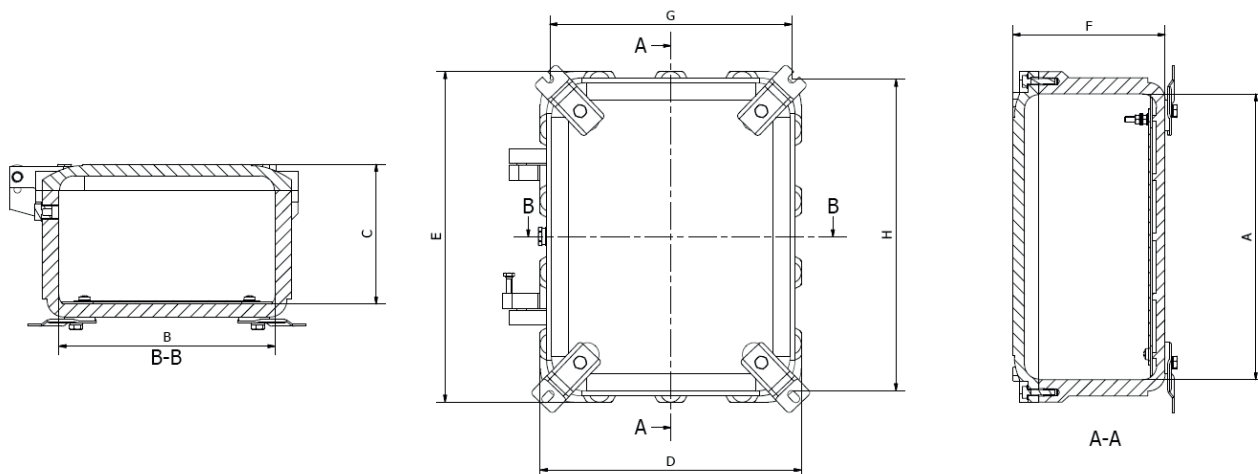
TYPE	EJB 120
Application	Flame proof Ex d enclosure
Protection	Ex d IIB T4, T5 & T6 Gb, Ex t IIB tb T85°C, 100°C & T135°C Db
Marking(ATEX)	Ex II 2 G D
Ingress Protection to IEC 60259	IP 65
Temperature Class/Power dissipation	T6/T5/T4 (see table 1)
Certificate No.	ECM 16 ATEX - B 280 X
Standards	EN 60079-0 , 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 14 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 120	396 W	278 W	187 W	296W	187W	107W	300	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	
EJB120	408	308	183	356	454	220	346	450	28.5



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

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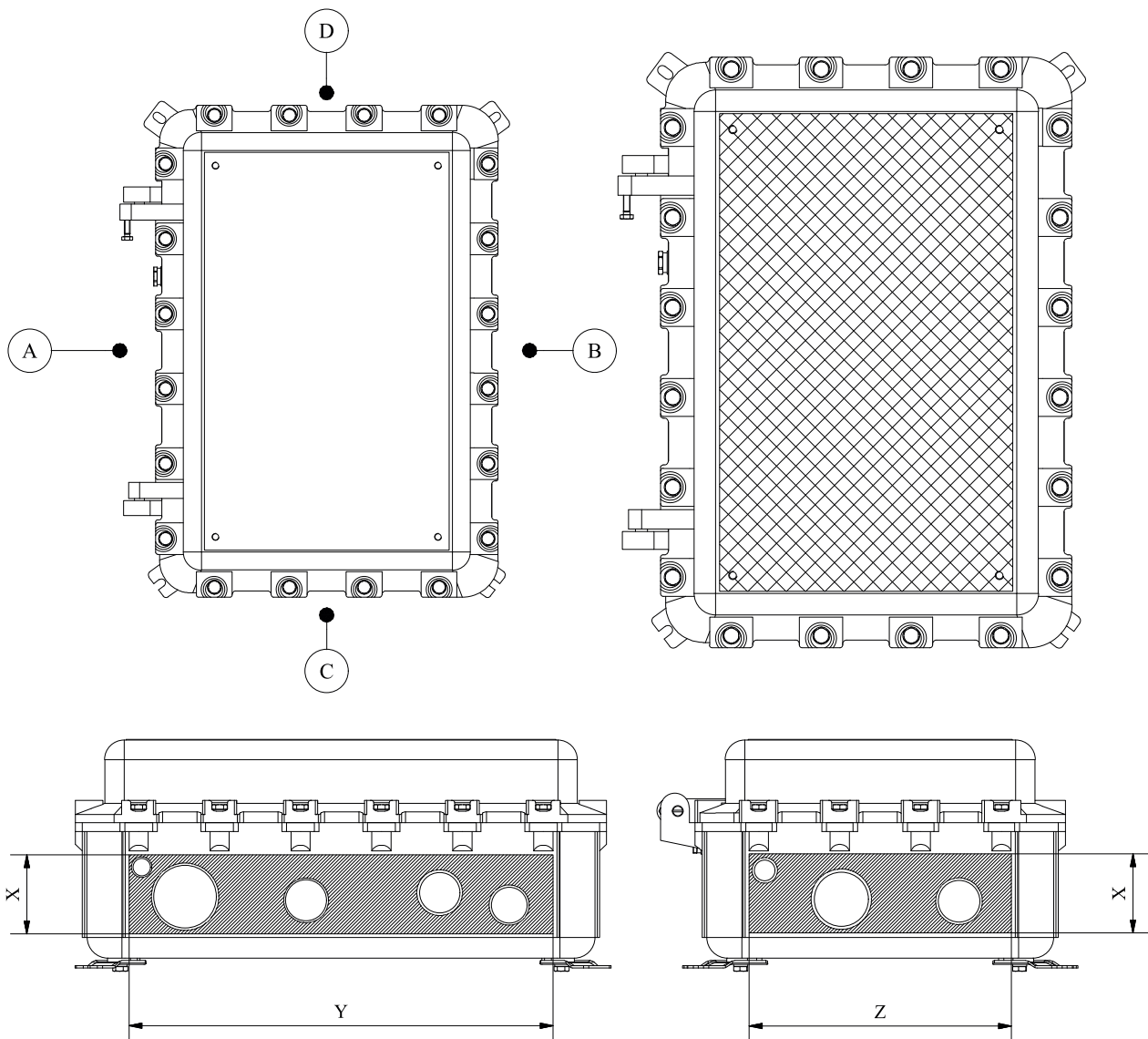


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Table 3-Entries for cable gland on sides

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			
120	No. of Entries(s)/side(A,B)		27	18	9	5	4	3	2	77	305	
	No. of Entries(s)/side(C,D)		18	12	6	4	3	2	2	77		230



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