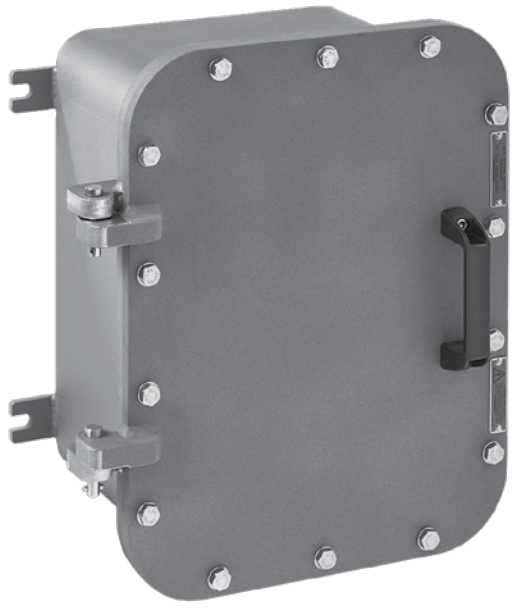
# EJBX SERIES JUNCTION BOXES



## INDUSTRY STANDARDS

ATEX Directive 94/9/EC
EN 60079-0
EN 60079-1
EN 60079-11
EN 60079-26
EN 61241-0
EN 61241-1
EN 61241-11

**Certifications**
II 2(1) GD Ex d [ia] IIB Ex tD A21 T5/T6 IP 65/66/67
I M2 - Ex d I Mb
II 2GD Ex d IIB+H2 T6,T5, T4 Gb Ex tb IIIC T85°C, T100°C, T135°C Db IP66/67
II 2(1)GD Ex d [ia Ga] IIB+H2 T6, T5 Gb Ex tb [ia Da] IIIC T85°C, T100°C Db IP66/67

CESI 00 ATEX 036U (Component)
CESI 01 ATEX 026 (Terminal box)
CESI 01 ATEX 027 (Control, command and signaling units)
CESI 02 ATEX 073 (Interface units)
CESI 03 ATEX 015 (Unit with dischargers)
IECEx TSA 06.0011 - GOST R - BRAZILIAN

GOST-R, INMETRO, Australia certifications available

## APPLICATION

EJBX series junction boxes are enclosures applicable for Zone 1, 2, 21 or 22 with ATEX and IECEx certifications. They are suitable for chemically corrosive and extreme environments. They can be used as junction boxes with or without terminals or for installation of electrical equipment such as circuit breakers, signals, disconnectors, remote control switches or transformers.

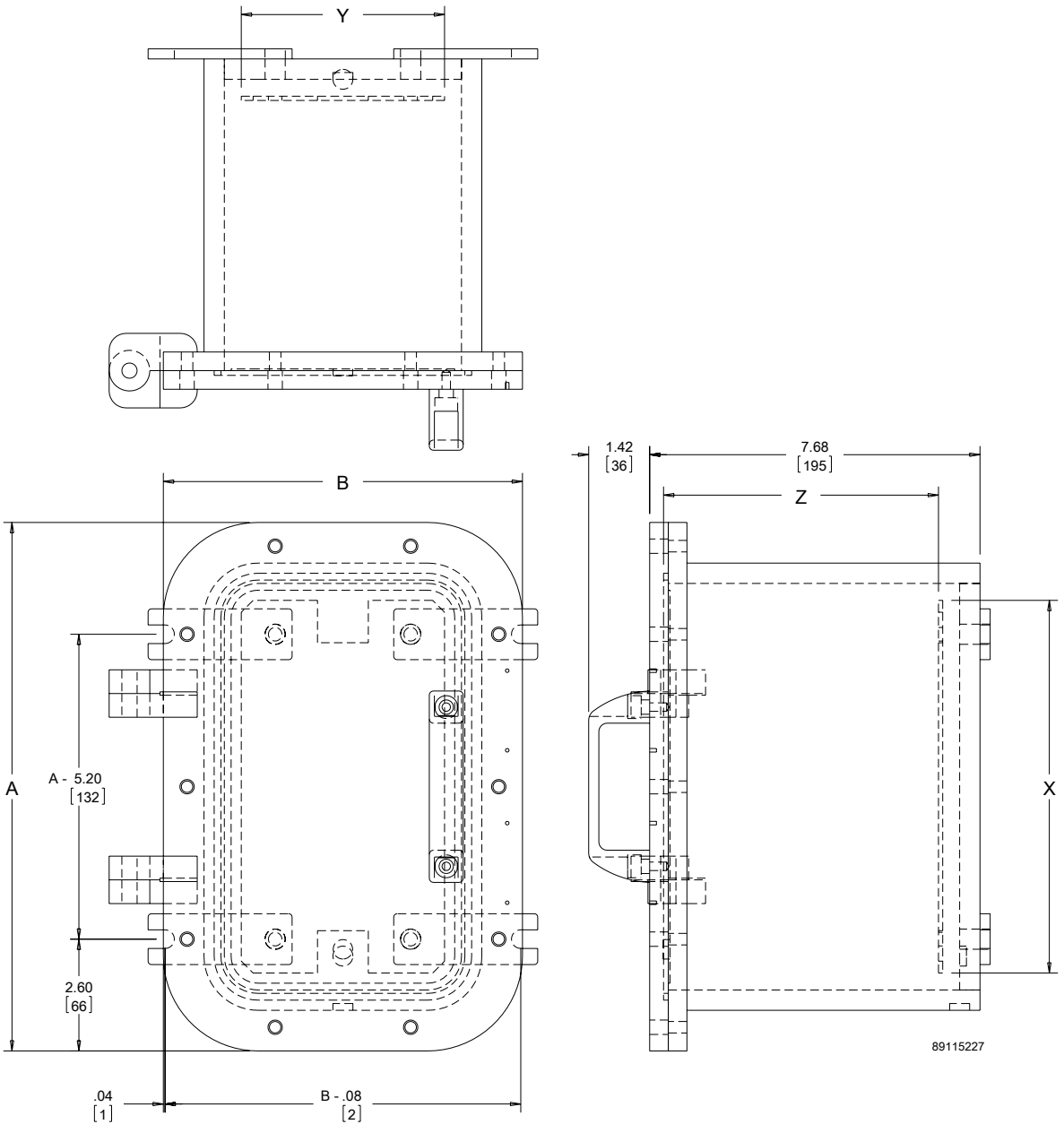
Body and cover can be drilled and threaded according to customers' specification. In accordance with rules, Hoffman must perform the drilling.

## FEATURES

- AISI 316L stainless steel enclosure with stainless steel bolts and screws for superior corrosion resistance
- High temperature-resistant silicone gasket provides IP66 / 67 rating
- Welded mounting brackets for easy installation
- Internal mounting panel
- Body and cover can be drilled and threaded according to customers' specifications
- Internal and external earth screws

## ACCESSORIES

- Breather drain
- Windows on lid for instrument viewing and reading

Standard Product

| Catalog Number | AxBxC in./mm | X in./mm | Y in./mm | Z in./mm | Material | Weight (lbs.) | Weight (kgs) |
|---|---|---|---|---|---|---|---|
| EJBX1 | 12.28 x 8.35 x 7.91<br>312 x 212 x 201 | 8.66<br>220 | 4.72<br>120 | 6.39<br>162 | 316L Stainless Steel | 75.38 | 34.20 |
| EJBX3B | 14.65 x 11.50 x 7.91<br>372 x 292 x 201 | 11.02<br>280 | 7.87<br>200 | 6.39<br>162 | 316L Stainless Steel | 112.84 | 51.20 |
| EJBX4 | 17.01 x 13.07 x 11.18<br>432 x 332 x 284 | 13.39<br>340 | 9.45<br>240 | 9.42<br>239 | 316L Stainless Steel | 163.54 | 74.20 |
| EJBX45B | 22.13 x 15.04 x 9.21<br>562 x 382 x 234 | 18.11<br>460 | 11.02<br>280 | 7.45<br>189 | 316L Stainless Steel | 212.02 | 96.20 |
| EJBX5B | 24.88 x 17.01 x 10.00<br>632 x 432 x 254 | 21.26<br>540 | 13.39<br>340 | 8.24<br>209 | 316L Stainless Steel | 260.51 | 118.20 |