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iTB Hinged Standard Enclosure Range

Our iTB hinged standard enclosure range gives you the most modern, robust and cost effective solutions for hazardous and heavy industrial use.

Key Features

- Any size up to 1200x1000x300mm for hazardous area
 - Any size for industrial
 - 316L, 304 Stainless Steel and painted Mild Steel
 - ATEX
 - Silicon gasket as standard
 - Entry configuration to your requirements
 - Brushed finish as standard. Corrosion resistant for min 25 years
 - Impact resistant 7 NM. Up to 10 NM self certified
 - All fixtures and fittings in 316L Stainless Steel
 - Innovative mounting assembly options
 - Din rail support fitted
 - Various material thicknesses available on request
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- Flexible external mounting solutions
 - Gland plates any side
 - High performance gasket
 - Innovative hinge design
 - Industrial and hazard area solutions
 - Label options available
 - Optional locking solutions
 - Range of finishes and materials

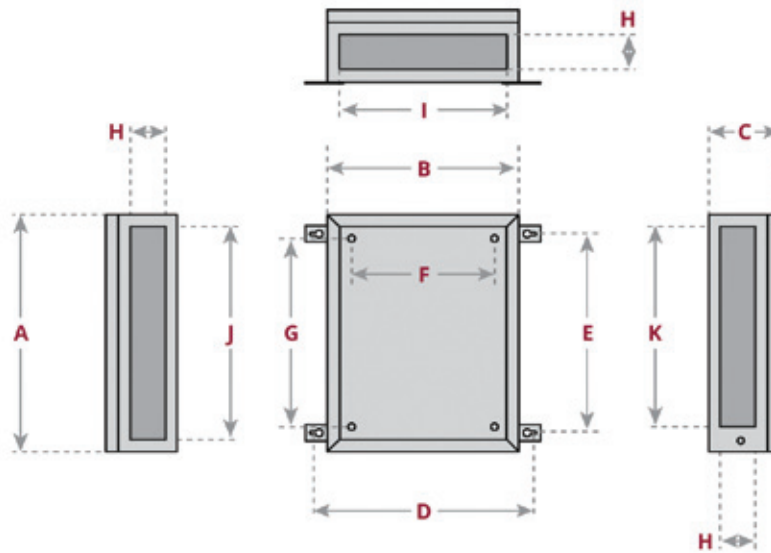


Technical Data

- Construction Material
316L (1.4404), 304 (1.4301) Stainless Steel Mild Steel (CR4)
 - Material Thickness (mm)
Body: 1.2/1.5mm Lid: 1.2/1.5mm
Gland Plate: 3.0mm
Other thicknesses available
 - Standard Finish
Stainless Steel - brushed
Mild Steel - Powder Coated Grey RAL7032 or RAL7035
 - Optional Finish
Stainless Steel - natural, pickled or electropolished
Mild Steel - customer specific colours and specification
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- Door Fixing
Hinged door with bolts on opposite side.
Through-lid padlock hasp optional
 - Sealing Material
High performance silicone seal
 - Enclosure Earth
M10 internal and external Stainless Steel earth stud assembly. Painted enclosures have M6 internal stud on door and painted gland plates
 - Cable Entries
Via gland plates or direct through body
 - Enclosure Mounting
Bolt directly to equipment or via 4 mounting lugs. These lugs are bolted on as standard but may be welded as an option. Other options available

Standard Dimensions

All dimensions in mm



Box size	A	B	C	D	E	F	G	H	I	J	K	Lid Gauge	Body Gauge	Hinges	Bolts
iTB 231513	230	150	130	210	160	C/L	130	56	106	106	128	1.2	1.2	2	2
iTB 302015	300	200	150	260	230	100	200	106	156	256	198	1.2	1.2	2	2
iTB 303015	300	300	150	360	230	200	200	106	256	256	198	1.2	1.2	2	2
iTB 403015	400	300	150	360	330	200	300	106	256	356	298	1.2	1.2	2	2
iTB 404015	400	400	150	460	330	300	300	106	356	356	298	1.2	1.2	2	2
iTB 504015	500	400	150	460	430	300	400	106	356	456	398	1.2	1.2	2	2
iTB 604020	600	400	200	460	330	300	500	131	356	556	498	1.5	1.5	2	2
iTB 755020	750	500	200	610	680	400	650	131	506	706	648	1.5	1.5	3	2
iTB 906020	900	600	200	660	830	500	800	131	556	856	798	1.5	1.5	3	3
iTB 1008020	1000	800	200	860	930	700	900	131	756	956	898	1.5	1.5	4	5
iTB 1208030	1200	800	300	860	1130	700	1100	231	756	1156	1098	1.5	1.5	4	5
iTB 12010030	1200	1000	300	1060	1130	900	1100	231	956	1156	1098	1.5	1.5	4	5

Certificates

Component (ATEX)

Certificate No.	SIRA11ATEX3142U
Service Temperature Range	-40° C to +135° C
Ingress Protection	IP66
Impact Resistance	7J NM

Apparatus (ATEX)

Certificate No.	SIRA11ATEX3241X
Marking	II 2 GD
Protection Concepts	GAS: Ex e IIC Gb T6, T5, T4 DUST: Ex tb IIIC Db IP66
Ambient Temperature	Min -50° C Max +70° C

Part Number Selection Example

Order code:

iTB	S1	23	15	13	2	AC
Family	Material	Height	Width	Depth	No. of Gland Plates	Gland Plate Faces
iTB	S1	23	15	13	2	AC
iTB	316L	230mm	150mm	130mm	2	Top & Bottom
S1 = 316L S2 = 304 PS = Mild Steel					0,1,2,3 or 4	A = Top B = Right C = Bottom D = Left

For custom sizes use: IELSO... number. Given on indEx quotations.