

INCREASED SAFETY

SB Series - AISI 316 L Stainless steel

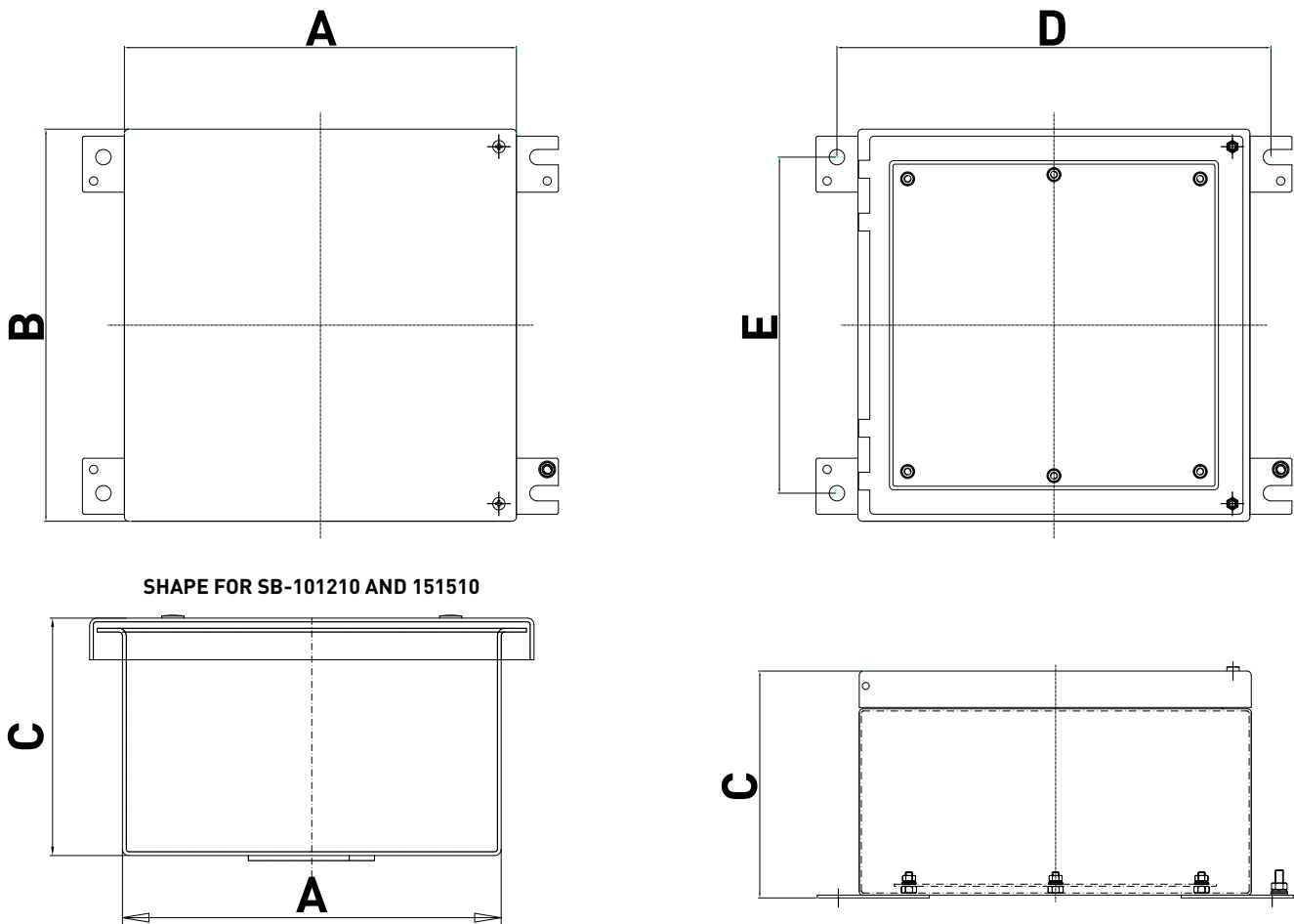


- SB are used to house Ex e and Ex i terminals, breather/drain device and pass-through earth terminal, standard enclosure mounts hinges on the vertical side.
- Maximum numbers of terminals changes on the base of the terminals section and current, enclosure operating temperature and required temperature class.
- They are ideally suited for chemical agents environments, ON and OFF-SHORE applications and any other industries where an explosive atmosphere may be present.
- The only range full custom size from 100x120x100 mm to 910x1140x500 mm.
- Off shelf sizes: the best lead time on the market at competitive pricing.
- Our internal workshop allows flexibility in meeting any customer requirements.
- Optional polycarbonate windows to display indoor devices.
- Max ambient temperature up to +95 °C (IECEX).

TECHNICAL FEATURES

Material	Stainless steel AISI 316 L with thickness 1,5 mm		
IP rating	IP66/IP67		
Shock resistance	IK10		
Ambient temperature range	From -50°C to +60°C (ATEX) and up to +150°C (high temperature version) From -50°C to +95°C (IECEX) and up to +150°C (high temperature version)		
Approvals	IMQ 08 ATEX 028X	IMQ 16 ATEX 004U (empty enclosure)	TÜV CY 18 ATEX 0206009 (for high temperature version)
	IECEX IMQ 15.0002X	IECEX IMQ 15.0010U (empty enclosure)	IECEX EXA 18.0001 (for high temperature version)
	TR CU		
	UL listed: NEMA TYPE 1, 4, 4X, 12 - UL 508A - CSA C22.2 No. 14-13		
Marking	II 2 GD Ex e IIC T(**) Gb/Ex ia IIC T(**) Gb/Ex ib IIC T(**) Gb Ex tb IIIC T(**) Db IP66/67 ** T6/T85°C, T5/T100°C, T4/T135°C	High temperature version: II 2 G Ex eb IIC T6...T3 Gb or Ex eb ia(*) IIC T6...T3 Gb or Ex ia(*) IIC T6...T3 Gb IP55 *: or ib	
Compliance	IECEX/Atex: IEC/EN : 60079-0/60079-1/60079-7/60079-11/60079-18/60079-31		
Gaskets	Silicon rubber [suitable for use between -70°C/+200°C]		
Surface treatment	Acid treatment (pickling)		
Standard certificate label	Made by self adhesive UV and corrosion resistant polyester.		
Entries	From M20x1.5mm to M80x1.5mm		
Hardware and screws	Screws and accessories in stainless steel AISI 316 L		
Accessories available upon request	Electropolish treatment/Side gland plate/Without hinges/Drain/Breather valve/Traffolyte/ stainless steel certificate label/Internal mounting plate/Locking facility/Passing trough earth bolt/Other material thickness starting from 1,2 mm		

Dimensions SB



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TYPE	DIMENSIONS [mm]					CABLE ENTRIES W/O FLANGES		CABLE ENTRIES W. FLANGES		MAX N° TERMINALS		WEIGHT [Kg]
	A	B	C	D	E	SIDE A	SIDE B	SIDE A	SIDE B	2,5 mm ²	4 mm ²	
SB-101210*	100	120	100	150	-	4	4	-	-	7	6	1,5
SB-151510**	150	150	100	180	-	6	6	-	-	13	11	2,5
SB-202010	200	200	100	230	160	9	9	-	-	22	19	3,0
SB-202016	200	200	160	230	160	15	15	8	8	22	19	3,5
SB-204016	200	400	160	230	360	15	30	8	18	66	57	4,8
SB-282816	280	280	160	310	240	21	21	12	12	76	64	5,2
SB-282827	280	280	270	310	240	46	46	33	33	76	64	7,5
SB-302016	300	200	160	330	160	21	15	12	8	44	38	5,0
SB-383816	380	380	160	410	340	30	30	18	18	114	96	8,1
SB-383827	380	380	270	410	340	67	67	51	51	114	96	10,1
SB-384516	380	450	160	410	410	30	36	18	20	171	144	10,7
SB-385716	380	570	160	410	530	30	45	18	28	228	192	16,4
SB-575716	570	570	160	600	530	45	45	28	28	372	312	16,4
SB-575730	570	570	300	600	530	116	116	95	95	372	312	21,4
SB-577620	570	760	200	600	720	73	98	54	74	558	468	21,7
SB-769520	760	950	200	790	910	98	125	74	94	990	834	32,9
SB-272713	270	270	130	300	230	14	14	6	6	36	30	4,5
SB-353516	350	350	160	380	310	27	27	16	16	102	86	5,6
SB-142013	140	200	130	170		6	10	2	4	11	9	4,0
SB-202713	200	270	130	230	230	10	14	4	6	36	30	7,0
SB-273513	270	350	130	300	310	14	18	6	8	72	60	9,5
SB-355016	350	500	160	380	460	27	39	16	24	160	134	13,0
SB-505016	500	500	160	530	460	39	39	24	24	240	201	14,5

Upon request, any dimension between 100x120x100 and 910x1140x500 can be manufactured.

*The enclosure is without hinges and complete with TS15x5 Omega rail welded on a removable mounting plate.

** The enclosure is without hinges and complete with TS35x7,5 Omega rail welded on the back.