

INCREASED SAFETY

SB Series - AISI 316 L Stainless steel

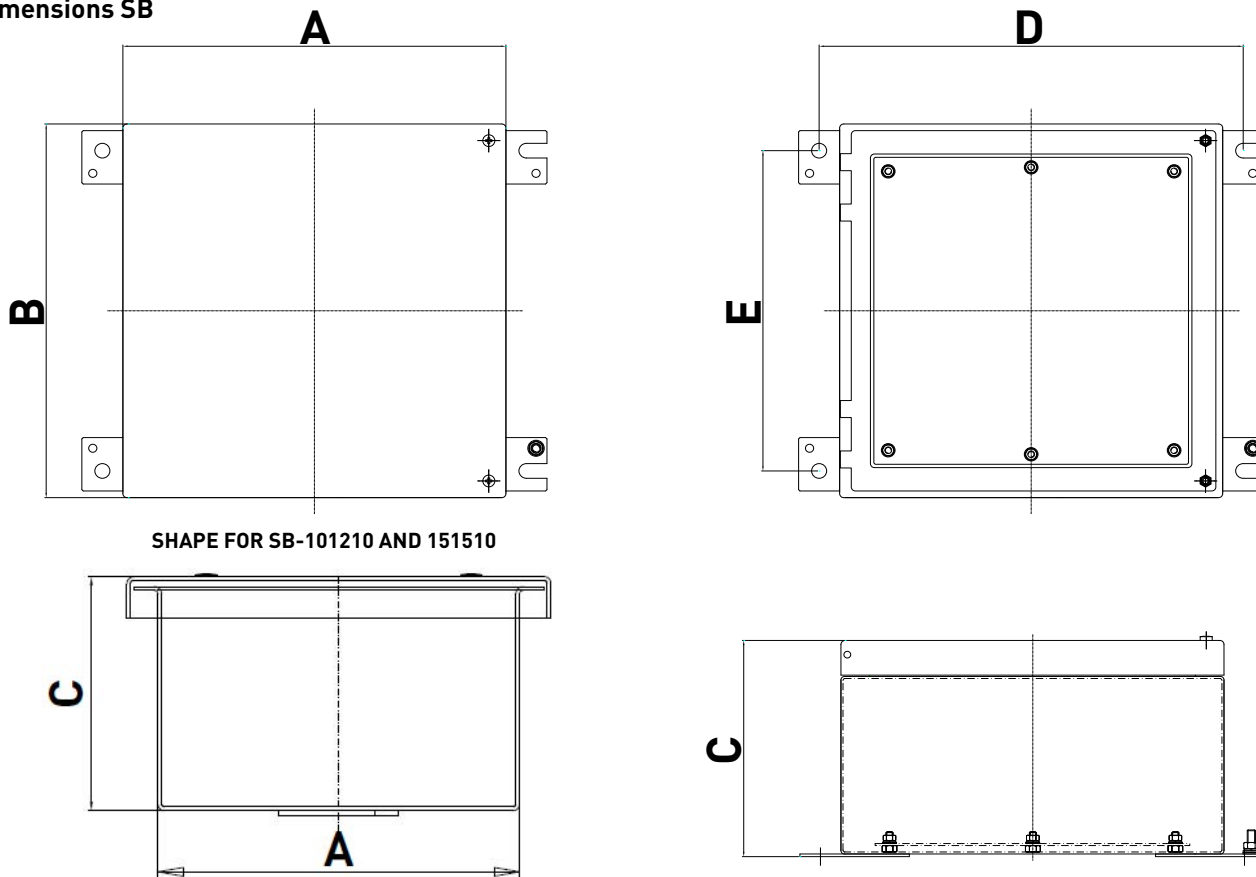


- SB../SBHT.. Series enclosures are suitable for housing Ex e/eb and Ex i terminals and can be provided with internal mounting plate to facilitate terminal board mounting.
- Maximum numbers of terminals varies according to: terminals section and current, enclosure size, operating temperature and required temperature class.
- Suitable for installation in ON/OFF-SHORE plants, in the presence of chemical agents and in any other highly corrosive environment.
- Full customization from 100x120x100 mm to 910x1140x500 mm: our technical department will support you in designing the best solution according to your needs and within the limits of the certificate.
- Full range of off-the-shelf solutions to ensure the best lead time on the market at a competitive pricing.

TECHNICAL FEATURES

Material	AISI316L stainless steel - with thickness 1,5 mm		
IP rating	IP66/IP67 - IP55 (SBHT.. Series - high temperature)		
Shock resistance	IK10		
Ambient temperature range	SB.. Series: From -50°C to +95°C SBHT.. Series: From -60°C to +150°C (-50°C for junction boxes with locking device)		
Approvals	<u>Full conformity Certificate:</u>	<u>Component Certificate:</u>	<u>SBHT.. Series - high temperature:</u>
	IMQ 08 ATEX 028X	IMQ 16 ATEX 004U	TÜV CY 18 ATEX 0206009
	IECEX IMQ 15.0002X	IECEX IMQ 15.0010U	IECEX EXA 18.0001
	UL listed: NEMA TYPE 1, 4, 4X, 12	EAC: RU C-IT.	
	EAC: RU C-IT.BH02.B.00593/20	BH02.B.00593/20	
Marking	SB.. Series:	SB.. Series - empty enclosure:	SBHT.. Series - high temperature:
	II 1 G	II 2 G	II 1 G
	Ex ia IIC/IIB T(**) Ga or	Ex e IIC Gb	Ex ia IIC T(***) Ga or
	II 2 G	II 2D	II 2 G
	Ex eb(*) IIC/IIB T(**) Gb or	Ex tb IIIC Db	Ex ib IIC T(***) Gb or
	II 2(1) G		Ex eb IIC T(***) Gb or
	Ex db eb(*) ia/ib mb [ia] IIC/IIB T(**)Gb or		Ex eb ia ib IIC T(***) Gb
	II 2 D		
	Ex tb IIIC T(**) Db IP66/67		
	*or Ex e		
	**Gas: T6/T5/T4		
	Dust: T85°C/T100°C/T135°C Db		***Gas: T6/T5/T4/T3
Compliance	IECEX/Atex: IEC/EN : 60079-0/60079-1/60079-7/60079-11/60079-18/60079-31		
	UL 508A - CSA C22.2 No. 14-13		
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		
Included accessories	Screws and accessories in stainless steel AISI 316 L		
Optional accessories	Electro-polishing treatment		
	Side gland plate		
	Without hinges		
	Drain/Breather valve		
	Lid-mounted components (SB..Series only)		
	Traffolyte/Stainless steel certificate label		
	Internal mounting plate		
	Locking facility		
	Passing through earth bolt		
	Other material thickness starting from 1,2 mm		

Dimensions SB



SHAPE FOR SB-101210 AND 151510

SB Series - AISI 316 L stainless steel

CODE*	TYPE	DIMENSIONS [mm]					CABLE ENTRIES W/O FLANGES		CABLE ENTRIES W. FLANGES		MAX N° TERMINALS [mm ²]		WEIGHT [Kg]
		A	B	C	D	E	SIDE A	SIDE B	SIDE A	SIDE B	2,5	4	
B016I00000134	SB-101210**	100	120	100	150	-	7	6	-	-	7	6	1,5
B016I00000136	SB-142013	140	200	130	170	-	6	10	2	4	20	16	5
B016I00000135	SB-151510***	150	150	100	180	-	6	6	-	-	20	20	3
B016I00000137	SB-202016	200	200	160	230	160	14	14	8	8	20	20	6
B016I00000138	SB-202713	200	270	130	230	230	10	14	4	6	36	30	7
B016I00000139	SB-202716	200	270	160	230	230	14	18	8	10	36	30	7
B016I00000140	SB-272713	270	270	130	300	230	14	14	6	6	36	30	4,5
B016C10142526	SB-273513	270	350	130	300	310	14	18	6	8	72	60	9,5
B016I00000141	SB-273516	270	350	160	300	310	17	24	10	14	102	43	11
B016I00000142	SB-282816	280	280	160	310	240	20	20	12	12	76	64	10
B016I00000143	SB-282827	280	280	270	310	240	46	46	33	33	76	64	7,5
B016C12244408	SB-353516	350	350	160	380	310	27	27	16	16	102	86	5,6
B016I00000144	SB-353520	350	350	200	380	310	31	31	21	21	102	43	15
B016I00000145	SB-355016	350	500	160	380	460	27	39	16	24	160	134	13
B016I00000146	SB-355020	350	500	200	380	460	31	46	21	33	240	136	20
B016C10142527	SB-383816	380	380	160	410	340	30	30	18	18	114	96	8,1
B016I00000147	SB-383820	380	380	200	410	340	34	34	24	24	110	96	16
B016I00000148	SB-383827	380	380	270	410	340	67	67	51	51	114	96	10,1
B016I00000149	SB-384516	380	450	160	410	410	30	36	18	20	171	144	10,7
B016I00000150	SB-384520	380	450	200	410	410	34	42	24	30	140	120	20
B016I00000151	SB-385716	380	570	160	410	530	30	45	18	28	228	192	16,4
B016C12244409	SB-505016	500	500	160	530	460	39	39	24	24	240	201	14,5
B016I00000152	SB-505020	500	500	200	530	460	46	46	33	33	240	201	24
B016I00000153	SB-575716	570	570	160	600	530	45	45	28	28	372	312	16,4
B016I00000154	SB-575720	570	570	200	600	530	54	54	39	39	372	312	29
B016I00000155	SB-575730	570	570	300	600	530	116	116	95	95	372	312	21,4
B016I00000156	SB-577620	570	760	200	600	720	54	74	39	51	558	468	36
B016I00000157	SB-769520	760	950	200	790	910	98	125	74	94	990	834	32,9

*Codes refer to empty enclosures

**The enclosure is without hinges and complete with TS35x5 Omega rail welded on a removable mounting plate

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