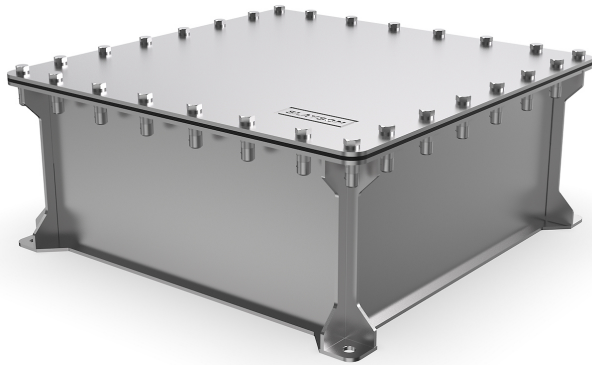




INDUSTRY STANDARDS

NEMA Type 6, 6P
IP67/68 IEC 60529
IK10 Impact Resistant
MIL-STD-810, MIL-STD-285

APPLICATION

The NAV-XP-6P MARINE INTERLOCK BOX offers reliable protection for shipboard systems, Naval vessels and marine electronic hardware deployed in the harshest environments. Manufactured from Type 316 Stainless Steel this Enclosure series has hermetic sealing preventing any ingress of dust and water, with dual Beryllium Copper gasket to insure complete 360° EMC/RFI immunity. The NAV-XP-6P offers a COTS range of corrosion resistant enclosures and accessories, delivering a proven and flexible enclosure system to Naval specification.

MODIFICATION AND CUSTOMIZATION

SLAYSON® excels at modifying and customizing all our products to meet your exact specifications. Whether you require, connector through hole cutouts, welded in-place accessories, or a non-standard size. Contact our experienced Engineers about your project specific solution.

SPECIFICATIONS

- NEMA 6P and IP68
- Submersible up to 15 ft / 5 mtr (IEC 60529)
- Corrosion Resistant Salt Spray Test (ASTM B117)
- Rugged Design & Construction
- Seams continuously welded and ground smooth
- Single piece Neoprene Gasket
- Dual Gasket Beryllium Copper
- 360° Shielding EMC / RFI (MIL-STD-285)
- Interlock Corner Mounting locations
- Internal Threaded Collar Stud locations for Internal Mount Plate [B]
- High Impact & Crush Resistance (IK10)
- Designed to withstand Shock & Vibration (MIL-STD-810)

MATERIAL

Stainless Steel Type 316 12 gauge | 3.00mm*

CODE

S

FINISH

Non Reflective Bead Blast*

R

*Alternative finish & material options available

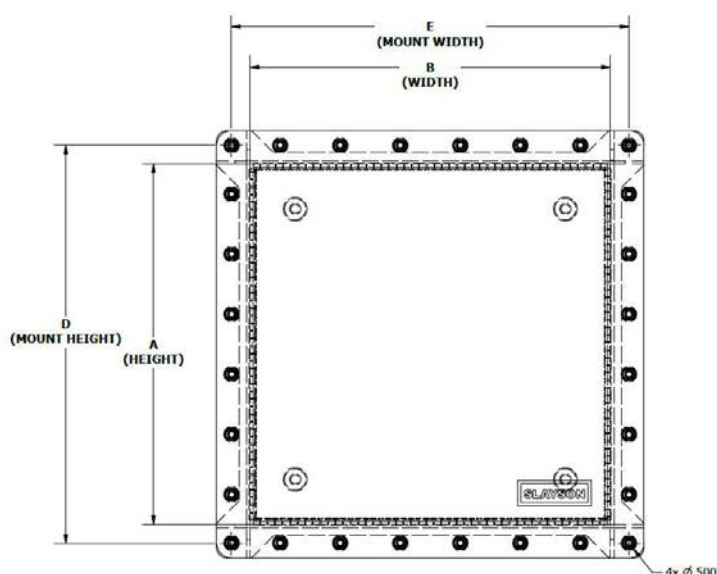
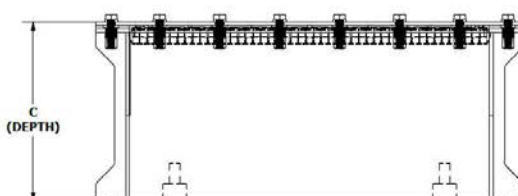
ACCESSORIES

Internal Mount Plate	B
Hinged Lid / Door	H
Optical Window Lid / Door	O
Security Lock Tab	P
Nameplate	N
Captive Lid Fasteners	C
Internal Swing Out Panel	S
Shock & Vibration Mount Kit	V
External Grounding Stud	G
Lifting Eye Hooks	L
Heavy Duty Gusset mount tabs	T
Access Door (IP66)	A
Pull Handle	U
Document Pocket	M
Welded In-Place Hubs	*
Welded In-Place Studs	*
Cable Glands / Cord grips	*
NPT Cable Glands	*
Integrated Thermal Heatsink	*
CARC Paint System	*

*Customer Modification Code is required when the Accessory component selected requires any of the following: enclosure cutouts, through holes or penetrations, customer involved design for accessory placement. This code is added in front of the part number by SLAYSON® to provide a unique identifier for customer specific engineering data.

PART NUMBER BUILDER

Customer Mod Code*	Material	Imperial	A Height (cm)	B Width (cm)	C Depth (cm)	Accessory Codes
	P S R I		2 4	2 4	1 6	
	Enclosure Series	Finish	For Non-Standard sizes or to add Optional Accessories use the Part Number Builder to configure the part number.			



	A		B		C		D		E		INTERNAL MOUNT PLATE				
PART NUMBER	Height		Width		Depth		Mount Height		Mount Width		Height		Width		Gauge
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
PSRI242416	24	609.6	24	609.6	16	406.4	25.25	641.4	25.25	641.4	22	558.8	22	558.8	12
PSRI242412	24	609.6	24	609.6	12	304.8	25.25	641.4	25.25	641.4	22	558.8	22	558.8	12
PSRI242422	24	609.6	22	558.8	14	355.6	25.25	641.4	23.25	590.6	22	558.8	20	508.0	12
PARI242012	24	609.6	20	508.0	12	304.8	25.25	641.4	21.25	539.8	22	558.8	18	457.2	12
PSRI242810	24	609.6	18	457.2	10	254.0	25.25	641.4	19.25	489.0	22	558.8	16	406.4	12
PSRI222216	22	558.8	22	558.8	16	406.4	23.25	590.6	23.25	590.6	20	508.0	20	508.0	12
PSRI222212	22	558.8	22	558.8	12	304.8	23.25	590.6	23.25	590.6	20	508.0	20	508.0	12
PSRI222014	22	558.8	20	508.0	14	355.6	23.25	590.6	21.25	539.8	20	508.0	18	457.2	12
PSRI221812	22	558.8	18	457.2	12	304.8	23.25	590.6	19.25	489.0	20	508.0	16	406.4	12
PSRI221610	22	558.8	16	406.4	10	254.0	23.25	590.6	17.25	438.2	20	508.0	14	355.6	12
PSRI202014	20	508.0	20	508.0	14	355.6	21.25	539.8	21.25	539.8	18	457.2	18	457.2	12
PSRI202010	20	508.0	20	508.0	10	254.0	21.25	539.8	21.25	539.8	18	457.2	18	457.2	12
PSRI201812	20	508.0	18	457.2	12	304.8	21.25	539.8	19.25	489.0	18	457.2	16	406.4	12
PSRI201610	20	508.0	16	406.4	10	254.0	21.25	539.8	17.25	438.2	18	457.2	14	355.6	12
PSRI201408	20	508.0	14	355.6	08	203.2	21.25	539.8	15.25	387.4	18	457.2	12	304.8	12
PSRI181814	18	457.2	18	457.2	14	355.6	19.25	489.0	19.25	489.0	16	406.4	16	406.4	12
PSRI181810	18	457.2	18	457.2	10	254.0	19.25	489.0	19.25	489.0	16	406.4	16	406.4	12
PSRI181612	18	457.2	16	406.4	12	304.8	19.25	489.0	17.25	438.2	16	406.4	14	355.6	12
PSRI181410	18	457.2	14	355.6	10	254.0	19.25	489.0	15.25	387.4	16	406.4	12	304.8	12
PSRI181208	18	457.2	12	304.8	08	203.2	19.25	489.0	13.25	336.6	16	406.4	10	254.0	12
PSRI161612	16	406.4	16	406.4	12	304.8	17.25	438.2	17.25	438.2	14	355.6	14	355.6	12
PSRI161610	16	406.4	16	406.4	10	254.0	17.25	438.2	17.25	438.2	14	355.6	14	355.6	12
PSRI161410	16	406.4	14	355.6	10	254.0	17.25	438.2	15.25	387.4	14	355.6	12	304.8	12
PSRI161208	16	406.4	12	304.8	08	203.2	17.25	438.2	13.25	336.6	14	355.6	10	254.0	12
PSRI161006	16	406.4	10	254.0	06	152.4	17.25	438.2	11.25	285.8	14	355.6	08	203.2	12
PSRI141410	14	355.6	14	355.6	10	254.0	15.25	387.4	15.25	387.4	12	304.8	12	304.8	12
PSRI141408	14	355.6	14	355.6	08	203.2	15.25	387.4	15.25	387.4	12	304.8	12	304.8	12
PSRI141208	14	355.6	12	304.8	08	203.2	15.25	387.4	13.25	336.6	12	304.8	10	254.0	12
PSRI141006	14	355.6	10	254.0	06	152.4	15.25	387.4	11.25	285.8	12	304.8	08	203.2	12
PARI140804	14	355.6	08	203.2	04	101.6	15.25	387.4	9.25	235.0	12	304.8	06	152.4	12
PSRI121210	12	304.8	12	304.8	10	254.0	13.25	336.6	13.25	336.6	10	254.0	10	254.0	12
PSRI121208	12	304.8	12	304.8	08	203.2	13.25	336.6	13.25	336.6	10	254.0	10	254.0	12
PSRI121008	12	304.8	10	254.0	08	203.2	13.25	336.6	11.25	285.8	10	254.0	08	203.2	12
PSRI120806	12	304.8	08	203.2	06	152.4	13.25	336.6	9.25	235.0	10	254.0	06	152.4	12
PSRI120604	12	304.8	06	152.4	04	101.6	13.25	336.6	7.25	184.2	10	254.0	04	101.6	12
PSRI101008	10	254.0	10	254.0	08	203.2	11.25	285.8	11.25	285.8	08	203.2	08	203.2	12
PSRI101006	10	254.0	10	254.0	06	152.4	11.25	285.8	11.25	285.8	08	203.2	08	203.2	12
PSRI100806	10	254.0	08	203.2	06	152.4	11.25	285.8	9.25	235.0	08	203.2	06	152.4	12
PSRI100604	10	254.0	06	152.4	04	101.6	11.25	285.8	7.25	184.2	08	203.2	05	127.0	12
PSRI080806	08	203.2	08	203.2	06	152.4	9.25	235.0	9.25	235.0	06	152.4	04	101.6	12
PSRI080604	08	203.2	06	152.4	04	101.6	9.25	235.0	7.25	184.2	06	152.4	04	101.6	12