NAV-6P MARINE SUBMERSIBLE ENCLOSURE

HydroShield™



INDUSTRY STANDARDS

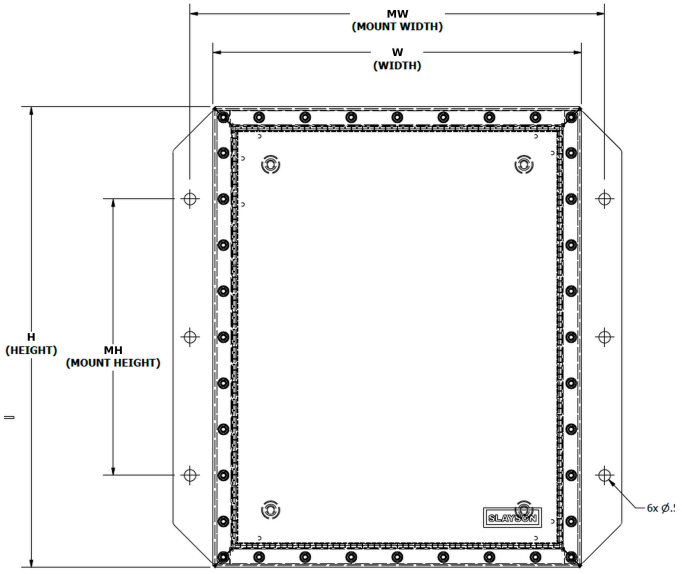
NEMA Type 6P, IP68 IEC 60529
IK10 Impact Resistant
MIL-STD-810, MIL-STD-285

APPLICATION

The HydroShield™ NAV-6P MARINE SUBMERSIBLE ENCLOSURE 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 Copper gasket to ensure complete 360° EMC/RFI immunity. HydroShield™ offers a COTS range of corrosion resistant enclosures and accessories, delivering a proven and flexible enclosure system to Naval specification.

MODIFICATION & CUSTOMIZATION

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



SPECIFICATIONS

- NEMA 6P / IP68 / IK10
- Submersible up to 15 ft / 5 mtr (IEC 60529)
- Corrosion Resistant Salt Spray Test (ASTM B117)
- Rugged Design & Construction
- Single-piece Neoprene Gasket
- Dual Gasket 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	CODE
Stainless Steel Type 316, 14 gauge | 2.00mm*	S

FINISH	
#4 Surface Finish*	M

*Alternative finish & material options available

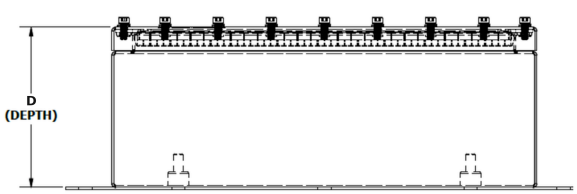
ACCESSORIES	
Internal Mount Plate	B
Hinged Lid / Door	H
Optical Window Lid / Door	O
Security Lock Tab	P
Nameplate	N
Captive Lid Fasteners	C
Internal Swing Out Panel	S
Shock & Vibration Mount Kit	V
External Grounding Stud	G
Lifting Eye Hooks	L
Heavy Duty Gusset Mount Tabs	T
Access Door (IP66)	A
Pull Handle	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	H Height (in)		W Width (in)		D Depth (in)		Accessory Codes		
		—	N	S	M	I	2	6	2	6	1	6			
			Enclosure Series		Finish		For Non-Standard sizes or to add Optional Accessories use the Part Number Builder to configure the part number.								

*Generated by SLAYSON Engineering for customer specific modifications



NAV-6P MARINE SUBMERSIBLE ENCLOSURE

PART NUMBER	H		W		D		MH		MW		INTERNAL MOUNT PLATE				Gauge
	Height		Width		Depth		Mount Height		Mount Width		Height		Width		
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
NSMI262616	26	660.4	26	660.4	16	406.4	22	558.8	28	711.2	24	609.6	24	609.6	14
NSMI262614	26	660.4	26	660.4	14	355.6	22	558.8	28	711.2	24	609.6	24	609.6	14
NSMI262214	26	660.4	22	558.8	14	355.6	22	558.8	24	609.6	24	609.6	20	508.0	14
NSMI262012	26	660.4	20	508.0	12	304.8	22	558.8	22	558.8	24	609.6	18	457.2	14
NSMI261410	26	660.4	14	355.6	10	254.0	22	558.8	16	406.4	24	609.6	12	304.8	14
NSMI242416	24	609.6	24	609.6	16	406.4	20	508.0	26	660.4	22	558.8	22	558.8	14
NSMI242414	24	609.6	24	609.6	14	355.6	20	508.0	26	660.4	22	558.8	22	558.8	14
NSMI242014	24	609.6	20	508.0	14	355.6	20	508.0	22	558.8	22	558.8	18	457.2	14
NSMI241812	24	609.6	18	457.2	12	304.8	20	508.0	20	508.0	22	558.8	16	406.4	14
NSMI241210	24	609.6	12	304.8	10	254.0	20	508.0	14	355.6	22	558.8	10	254.0	14
NSMI222214	22	558.8	22	558.8	14	355.6	18	457.2	24	609.6	20	508.0	20	508.0	14
NSMI222212	22	558.8	22	558.8	12	304.8	18	457.2	24	609.6	20	508.0	20	508.0	14
NSMI221812	22	558.8	18	457.2	12	304.8	18	457.2	20	508.0	20	508.0	16	406.4	14
NSMI221410	22	558.8	14	355.6	10	254.0	18	457.2	16	406.4	20	508.0	12	304.8	14
NSMI221008	22	558.8	10	254.0	08	203.2	18	457.2	12	304.8	20	508.0	8	203.2	14
NSMI202014	20	508.0	20	508.0	14	355.6	16	406.4	22	558.8	18	457.2	18	457.2	14
NSMI202012	20	508.0	20	508.0	12	304.8	16	406.4	22	558.8	18	457.2	18	457.2	14
NSMI201612	20	508.0	16	406.4	12	304.8	16	406.4	18	457.2	18	457.2	14	355.6	14
NSMI201210	20	508.0	12	304.8	10	254.0	16	406.4	14	355.6	18	457.2	10	254.0	14
NSMI201208	20	508.0	12	304.8	08	203.2	16	406.4	14	355.6	18	457.2	10	254.0	14
NSMI181814	18	457.2	18	457.2	14	355.6	14	355.6	20	508.0	16	406.4	16	406.4	14
NSMI181812	18	457.2	18	457.2	12	304.8	14	355.6	20	508.0	16	406.4	16	406.4	14
NSMI181612	18	457.2	16	406.4	12	304.8	14	355.6	18	457.2	16	406.4	14	355.6	14
NSMI181410	18	457.2	14	355.6	10	254.0	14	355.6	16	406.4	16	406.4	12	304.8	14
NSMI181208	18	457.2	12	304.8	08	203.2	14	355.6	14	355.6	16	406.4	10	254.0	14
NSMI161612	16	406.4	16	406.4	12	304.8	12	304.8	18	457.2	14	355.6	14	355.6	14
NSMI161610	16	406.4	16	406.4	10	254.0	12	304.8	18	457.2	14	355.6	14	355.6	14
NSMI161410	16	406.4	14	355.6	10	254.0	12	304.8	16	406.4	14	355.6	12	304.8	14
NSMI161208	16	406.4	12	304.8	08	203.2	12	304.8	14	355.6	14	355.6	10	254.0	14
NSMI141412	14	355.6	14	355.6	12	304.8	10	254.0	16	406.4	12	304.8	12	304.8	14
NSMI141410	14	355.6	14	355.6	10	254.0	10	254.0	16	406.4	12	304.8	12	304.8	14
NSMI141210	14	355.6	12	304.8	10	254.0	10	254.0	14	355.6	12	304.8	10	254.0	14
NSMI141008	14	355.6	10	254.0	08	203.2	10	254.0	12	304.8	12	304.8	08	203.2	14
NSMI121210	12	304.8	12	304.8	10	254.0	08	203.2	14	355.6	10	254.0	10	254.0	14
NSMI121208	12	304.8	12	304.8	08	203.2	08	203.2	14	355.6	10	254.0	10	254.0	14
NSMI121008	12	304.8	10	254.0	08	203.2	08	203.2	12	304.8	10	254.0	08	203.2	14
NSMI120806	12	304.8	08	203.2	06	152.4	08	203.2	10	254.0	10	254.0	06	152.4	14
NSMI101008	10	254.0	10	254.0	08	203.2	06	152.4	12	304.8	08	203.2	08	203.2	14
NSMI101006	10	254.0	10	254.0	06	152.4	06	152.4	12	304.8	08	203.2	08	203.2	14
NSMI100806	10	254.0	08	203.2	06	152.4	06	152.4	10	254.0	08	203.2	06	152.4	14
NSMI080806	08	203.2	08	203.2	06	152.4	04	101.6	10	254.0	06	152.4	06	152.4	14
NSMI080804	08	203.2	08	203.2	04	101.6	04	101.6	10	254.0	06	152.4	06	152.4	14