NAV-6P MARINE SUBMERSIBLE ENCLOSURE

HydroShield™



INDUSTRY STANDARDS

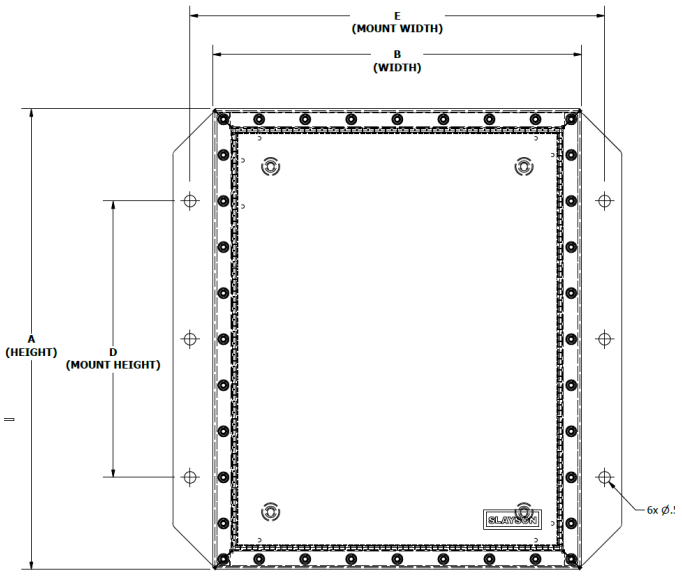
NEMA Type 6P, IP68 IEC 60529
IK10 Impact Resistant
MIL- STD- 810, MIL-STD-285

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 insure 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
- Seams continuously welded and ground smooth
- 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*	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	*

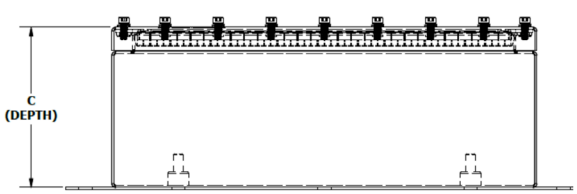
*Customer Modification Code is required when the Accessory component selected requires any of the following: enclosure cutouts, through holes or penetrations, customer involved design for accessory placement. This code is added in front of the part number by SLAYSON® to provide a unique identifier for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

PART NUMBER BUILDER

Customer Mod Code*			Material		Imperial	A Height (cm)		B Width (cm)		C Depth (cm)		Accessory Codes		
		–	N	S	M	6	5	6	5	4	0			
			Enclosure Seres		Submersion Depth									

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	A		B		C		D		E		INTERNAL MOUNT PLATE				Gauge mm
	Height		Width		Depth		Mount Height		Mount Width		Height		Width		
	cm	mm	cm	mm	cm	mm	cm	mm	cm	mm	cm	mm	cm	mm	
NSM656540	65	650.0	65	650.0	40	400.0	55	550.0	70	700.0	60	600.0	60	600.0	2.00
NSM656535	65	650.0	65	650.0	35	350.0	55	550.0	70	700.0	60	600.0	60	600.0	2.00
NSM655535	65	650.0	55	550.0	35	350.0	55	550.0	60	600.0	60	600.0	50	500.0	2.00
NSM655030	65	650.0	50	500.0	30	300.0	55	550.0	55	550.0	60	600.0	45	450.0	2.00
NSM653625	65	650.0	35	350.0	25	250.0	55	550.0	40	400.0	60	600.0	30	300.0	2.00
NSM606040	60	600.0	60	600.0	40	400.0	50	500.0	65	650.0	55	550.0	55	550.0	2.00
NSM606035	60	600.0	60	600.0	35	350.0	50	500.0	65	650.0	55	550.0	55	550.0	2.00
NSM605035	60	600.0	50	500.0	35	350.0	50	500.0	55	550.0	55	550.0	45	450.0	2.00
NSM604530	60	600.0	45	450.0	30	300.0	50	500.0	50	500.0	55	550.0	40	400.0	2.00
NSM603025	60	600.0	30	300.0	25	250.0	50	500.0	35	350.0	55	550.0	25	250.0	2.00
NSM555535	55	550.0	55	550.0	35	350.0	45	450.0	60	600.0	50	500.0	50	500.0	2.00
NSM555530	55	550.0	55	550.0	30	300.0	45	450.0	60	600.0	50	500.0	50	500.0	2.00
NSM554530	55	550.0	45	450.0	30	300.0	45	450.0	50	500.0	50	500.0	40	400.0	2.00
NSM553525	55	550.0	35	350.0	25	250.0	45	450.0	40	400.0	50	500.0	30	300.0	2.00
NSM552520	55	550.0	25	250.0	20	200.0	45	450.0	30	300.0	50	500.0	20	200.0	2.00
NSM505035	50	500.0	50	500.0	35	350.0	40	400.0	55	550.0	45	450.0	45	450.0	2.00
NSM505030	50	500.0	50	500.0	30	300.0	40	400.0	55	550.0	45	450.0	45	450.0	2.00
NSM504030	50	500.0	40	400.0	30	300.0	40	400.0	45	450.0	45	450.0	35	350.0	2.00
NSM504025	50	500.0	30	300.0	25	250.0	40	400.0	35	350.0	45	450.0	25	250.0	2.00
NSM503020	50	500.0	30	300.0	20	200.0	40	400.0	35	350.0	45	450.0	25	250.0	2.00
NSM454535	45	450.0	45	450.0	35	350.0	35	350.0	50	500.0	40	400.0	40	400.0	2.00
NSM454530	45	450.0	45	450.0	30	300.0	35	350.0	50	500.0	40	400.0	40	400.0	2.00
NSM454030	45	450.0	40	400.0	30	300.0	35	350.0	45	450.0	40	400.0	35	350.0	2.00
NSM453525	45	450.0	35	350.0	25	250.0	35	350.0	40	400.0	40	400.0	30	300.0	2.00
NSM453020	45	450.0	30	300.0	20	200.0	35	350.0	35	350.0	40	400.0	25	250.0	2.00
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NSM353530	35	350.0	35	350.0	30	300.0	25	250.0	40	400.0	30	300.0	30	300.0	2.00
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NSM352520	35	350.0	25	250.0	20	200.0	25	250.0	30	300.0	30	300.0	20	200.0	2.00
NSM303025	30	300.0	30	300.0	25	250.0	20	200.0	35	350.0	25	250.0	25	250.0	2.00
NSM303020	30	300.0	30	300.0	20	200.0	20	200.0	35	350.0	25	250.0	25	250.0	2.00
NSM302520	30	300.0	25	250.0	20	200.0	20	200.0	30	300.0	25	250.0	20	200.0	2.00
NSM302015	30	300.0	20	200.0	15	150.0	20	200.0	25	250.0	25	250.0	15	150.0	2.00
NSM252520	25	250.0	25	250.0	20	200.0	15	150.0	30	300.0	20	200.0	20	200.0	2.00
NSM252515	25	250.0	25	250.0	15	150.0	15	150.0	30	300.0	20	200.0	20	200.0	2.00
NSM252015	25	250.0	20	200.0	15	150.0	15	150.0	25	250.0	20	200.0	15	150.0	2.00
NSM202015	20	200.0	20	200.0	15	150.0	10	100.0	25	250.0	15	150.0	15	150.0	2.00
NSM202010	20	200.0	20	200.0	10	100.0	10	100.0	25	250.0	15	150.0	15	150.0	2.00