MIL-68 SUBMERSIBLE ENCLOSURE

HydroShield™



INDUSTRY STANDARDS

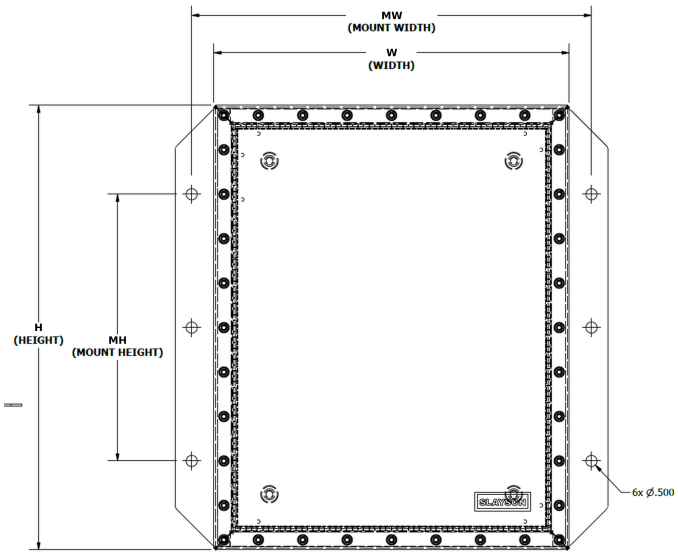
NEMA Type 6P IP68 IEC 60529
IK10 Impact Resistant
MIL-STD-810, MIL-STD-285

APPLICATION

The HydroShield™ MIL-68 SUBMERSIBLE ENCLOSURE offers reliable protection for military systems, vehicles and electronic hardware deployed in the harshest environments. This Enclosure has hermetic sealing preventing any ingress of dust and water, with dual Copper gasket to ensure complete 360° EMC/EMP immunity. HydroShield™ offers a COTS range of enclosures and accessories delivering a proven flexible enclosure system to military 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)
- 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
Aluminum 0.080" | 2.00mm*	A

FINISH	
Desert Sand AMS-STD-595 color 33446, RAL 1015*	D
Olive Drab AMS-STD-595 color 24097, RAL 6022*	O

*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	*

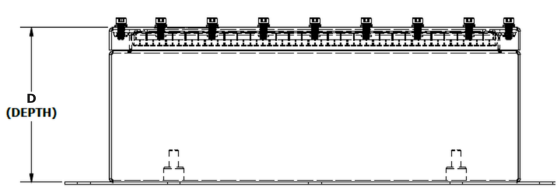
*Customer Modification Code is required when the Accessory component selected requires any of the following: enclosure cutouts, through holes or penetrations, customer-involved design for accessory placement. This code is added in front of the part number by SLAYSON® to provide a unique identifier for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

PART NUMBER BUILDER

Customer Mod Code*			Material		Imperial	H Height (cm)		W Width (cm)		D Depth (cm)		Accessory Codes		
		–	N	A	D		6	5	6	5	4	0		
			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



MIL-68 SUBMERSIBLE ENCLOSURE

PART NUMBER	H		W		D		MH		MW		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	
NAD656540	65	650.0	65	650.0	40	400.0	55	550.0	70	700.0	60	600.0	60	600.0	2.00
NAD656535	65	650.0	65	650.0	35	350.0	55	550.0	70	700.0	60	600.0	60	600.0	2.00
NAD655535	65	650.0	55	550.0	35	350.0	55	550.0	60	600.0	60	600.0	50	500.0	2.00
NAD655030	65	650.0	50	500.0	30	300.0	55	550.0	55	550.0	60	600.0	45	450.0	2.00
NAD653525	65	650.0	35	350.0	25	250.0	55	550.0	40	400.0	60	600.0	30	300.0	2.00
NAD606040	60	600.0	60	600.0	40	400.0	50	500.0	65	650.0	55	550.0	55	550.0	2.00
NAD606035	60	600.0	60	600.0	35	350.0	50	500.0	65	650.0	55	550.0	55	550.0	2.00
NAD605035	60	600.0	50	500.0	35	350.0	50	500.0	55	550.0	55	550.0	45	450.0	2.00
NAD604530	60	600.0	45	450.0	30	300.0	50	500.0	50	500.0	55	550.0	40	400.0	2.00
NAD603025	60	600.0	30	300.0	25	250.0	50	500.0	35	350.0	55	550.0	25	250.0	2.00
NAD555535	55	550.0	55	550.0	35	350.0	45	450.0	60	600.0	50	500.0	50	500.0	2.00
NAD555530	55	550.0	55	550.0	30	300.0	45	450.0	60	600.0	50	500.0	50	500.0	2.00
NAD554530	55	550.0	45	450.0	30	300.0	45	450.0	50	500.0	50	500.0	40	400.0	2.00
NAD553525	55	550.0	35	350.0	25	250.0	45	450.0	40	400.0	50	500.0	30	300.0	2.00
NAD552520	55	550.0	25	250.0	20	200.0	45	450.0	30	300.0	50	500.0	20	200.0	2.00
NAD505035	50	500.0	50	500.0	35	350.0	40	400.0	55	550.0	45	450.0	45	450.0	2.00
NAD505030	50	500.0	50	500.0	30	300.0	40	400.0	55	550.0	45	450.0	45	450.0	2.00
NAD504030	50	500.0	40	400.0	30	300.0	40	400.0	45	450.0	45	450.0	35	350.0	2.00
NAD503025	50	500.0	30	300.0	25	250.0	40	400.0	35	350.0	45	450.0	25	250.0	2.00
NAD503020	50	500.0	30	300.0	20	200.0	40	400.0	35	350.0	45	450.0	25	250.0	2.00
NAD454535	45	450.0	45	450.0	35	350.0	35	350.0	50	500.0	40	400.0	40	400.0	2.00
NAD454530	45	450.0	45	450.0	30	300.0	35	350.0	50	500.0	40	400.0	40	400.0	2.00
NAD454030	45	450.0	40	400.0	30	300.0	35	350.0	45	450.0	40	400.0	35	350.0	2.00
NAD453525	45	450.0	35	350.0	25	250.0	35	350.0	40	400.0	40	400.0	30	300.0	2.00
NAD453020	45	450.0	30	300.0	20	200.0	35	350.0	35	350.0	40	400.0	25	250.0	2.00
NAD404030	40	400.0	40	400.0	30	300.0	30	300.0	45	450.0	35	350.0	35	350.0	2.00
NAD404025	40	400.0	40	400.0	25	250.0	30	300.0	45	450.0	35	350.0	35	350.0	2.00
NAD403525	40	400.0	35	350.0	25	250.0	30	300.0	40	400.0	35	350.0	30	300.0	2.00
NAD403020	40	400.0	30	300.0	20	200.0	30	300.0	35	350.0	35	350.0	25	250.0	2.00
NAD353530	35	350.0	35	350.0	30	300.0	25	250.0	40	400.0	30	300.0	30	300.0	2.00
NAD353525	35	350.0	35	350.0	25	250.0	25	250.0	40	400.0	30	300.0	30	300.0	2.00
NAD353025	35	350.0	30	300.0	25	250.0	25	250.0	35	350.0	30	300.0	25	250.0	2.00
NAD352520	35	350.0	25	250.0	20	200.0	25	250.0	30	300.0	30	300.0	20	200.0	2.00
NAD303025	30	300.0	30	300.0	25	250.0	20	200.0	35	350.0	25	250.0	25	250.0	2.00
NAD303020	30	300.0	30	300.0	20	200.0	20	200.0	35	350.0	25	250.0	25	250.0	2.00
NAD302520	30	300.0	25	250.0	20	200.0	20	200.0	30	300.0	25	250.0	20	200.0	2.00
NAD302015	30	300.0	20	200.0	15	150.0	20	200.0	25	250.0	25	250.0	15	150.0	2.00
NAD252520	25	250.0	25	250.0	20	200.0	15	150.0	30	300.0	20	200.0	20	200.0	2.00
NAD252515	25	250.0	25	250.0	15	150.0	15	150.0	30	300.0	20	200.0	20	200.0	2.00
NAD252015	25	250.0	20	200.0	15	150.0	15	150.0	25	250.0	20	200.0	15	150.0	2.00
NAD202015	20	200.0	20	200.0	15	150.0	10	100.0	25	250.0	15	150.0	15	150.0	2.00
NAD202010	20	200.0	20	200.0	10	100.0	10	100.0	25	250.0	15	150.0	15	150.0	2.00