Waterproof Submersible NEMA 6P Enclosures

SUBPRO™ HEAVY DUTY PERFORMANCE SERIES

NEMA 6P | IP67/68

Applications

The NEMACO™ SubPro™ Performance Series stainless steel submersible enclosures and junction & pull boxes are built for environments that demand both full waterproof and corrosion resistance, including occasional temporary or continuous water submersion. Available in 304 and 316L stainless steel with ASTM 967 passivation chemical cleaning. All materials conform to the NEMA 250 standard for corrosion resistance and watertight integrity across the full range of demanding installation conditions. Each unit undergoes a 24-hour factory sub-mersion test at 15 feet factory quality control performance testing. They are deployed across communications, electrical power, transit, signaling and rail control, water treatment facilities,

Industry Standard

- UL 50 and UL 50E; File Number E496085
- cUL Listed per CSA C22.2 No. 94
- CSA C22.2 No. 94.1-15 and 94.2-15
- NEMA/EEMAC: Types 6 and 6P
- IEC 60529 Type IP67 and IP68

Specifications

UL Listed NEMA 6P (IP67/IP68) submersion-rated enclosures

Standard 24-hour factory submersion test at 15 ft.

Buy Amercian Built Amercian compliance

#4 Grain 304SS/316L stainless steel fi nish

Stainless steel chemical passivation cleaned ASTM 967

UL recognized silicone gasket V0 Flame Resistant, LSZH

Heavy-duty wall mounting tabs

3/8" FNPT test port with stainless steel test plug

Lifting pads standard on large enclosures

1/4"-20 and 3/8"-16 grounding studs standard

Powder-coated interior plate (sub-panel)

Other gasket materials and options available on request.

5 YEARS
LIMITED PRODUCT WARRANTY



Standard Features

Corrosion Resistance

304 or 316L stainless steel construction provides excellent corrosion resistance and reduces surface oxidation for long-service outdoor and submerged installations

Stainless Steel Passivation

Each enclosure undergoes a passivation cleaning process to remove weld oxidation and surface contamination, ensuring surface integrity before shipment

Floating Hinges

Floating hinges allow easy opening and closing of the door while maintaining consistent door compression for a reliable seal

Dual-Door Access

Self-supporting on concrete slabs, raised floors, or outdoor pads with no wall anchoring required

High-Temperature Silicone Gasket

A UL-recognized high-temperature silicone gasket in a single continuous piece provides resistance to oils, contaminants, and saltwater; operating temperature range: -55°C to 200°C

Watertight Seal

Each enclosure is labeled with bolt torque specifications to ensure proper sealing and achieve a verified watertight seal

Fully Welded Seams

All seams are fully welded, inspected, and ground smooth for structural integrity and optimal water protection

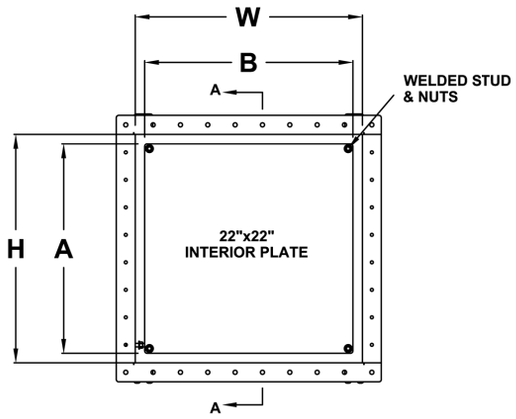
Submersion Testing

Every enclosure undergoes a 24-hour submersion test at 15 feet using pneumatic pressure or positive vacuum to verify performance under submerged conditions

Traceability

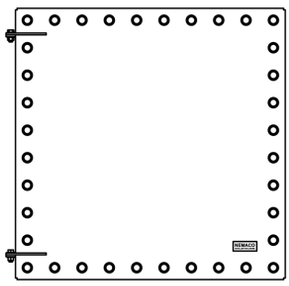
Each enclosure is assigned a unique serial number for full traceability and quality assurance

Reference

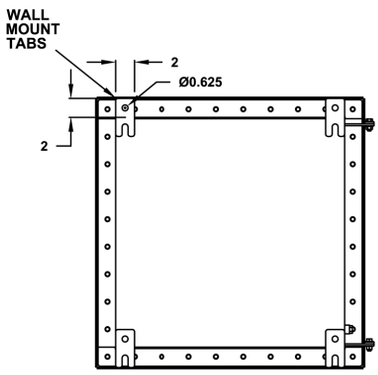


FRONT VIEW

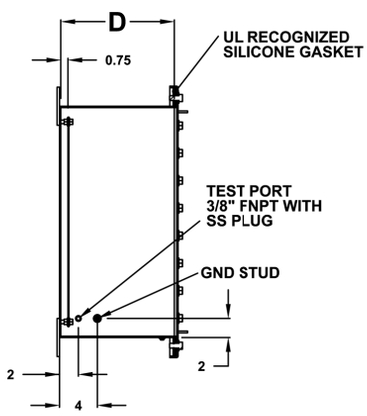
COVER REMOVED FOR CLARITY



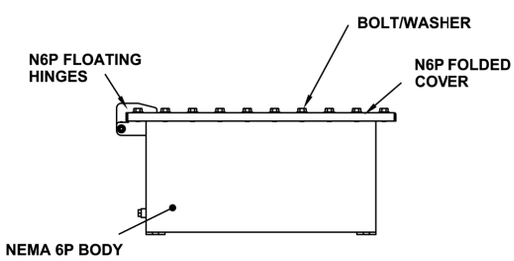
FRONT VIEW



BACK VIEW

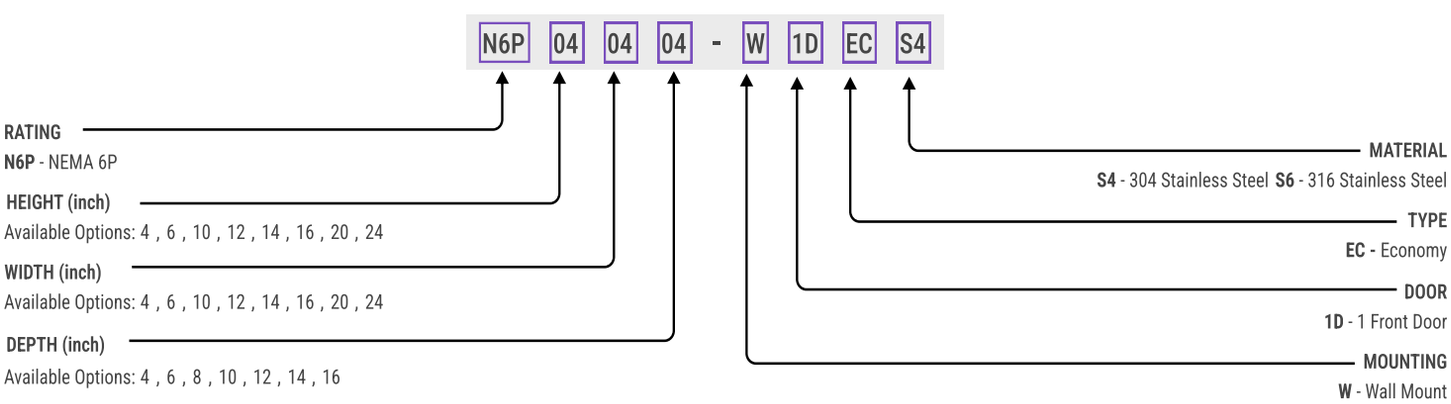


SECTION A-A



BOTTOM VIEW

Part Number Decoder



Drawing Table (304 Stainless Steel)

Encl. Depth	Part Number	H	W	D	Material	Body Thk.	Door Thk.	Std. finish	Bolt size	# of bolts	Sub Panel#	A	B	Encl. Weight
4D	N6P040404-W1DHDS4	4	4	4	304SS	10 ga.	1/4”	Mill	3/8-16	12	IP0404-CS	2	2	11.03
	N6P060604-W1DHDS4	6	6	4	304SS	10 ga.	1/4”	Mill	3/8-16	16	IP0606-CS	4	4	18.69
	N6P080804-W1DHDS4	8	8	4	304SS	10 ga.	1/4”	Mill	3/8-16	20	IP0808-CS	6	6	24.94
	N6P101004-W1DHDS4	10	10	4	304SS	10 ga.	1/4”	Mill	3/8-16	24	IP1010-CS	8	8	33.2
	N6P121204-W1DHDS4	12	12	4	304SS	10 ga.	1/4”	Mill	3/8-16	28	IP1212-CS	10	10	45.54
	N6P141404-W1DHDS4	14	14	4	304SS	10 ga.	1/4”	Mill	3/8-16	28	IP1414-CS	12	12	55.86
	N6P161604-W1DHDS4	16	16	4	304SS	10 ga.	1/4”	Mill	3/8-16	32	IP1616-CS	14	14	66.35
	N6P201604-W1DHDS4	20	16	4	304SS	3/16”	1/4”	Mill	1/2-13	30	IP2016-CS	18	14	113.67
	N6P202004-W1DHDS4	20	20	4	304SS	3/16”	1/4”	Mill	1/2-13	32	IP2020-CS	18	18	132.59

4D	N6P242404-W1DHDS4	24	24	4	304SS	3/16”	1/4”	Mill	1/2-13	36	IP2424-CS	22	22	171.01
	N6P302404-W1DHDS4	30	24	4	304SS	3/16”	3/8”	Mill	1/2-13	44	IP3024-CS	28	22	260.07
	N6P303004-W1DHDS4	30	30	4	304SS	1/4”	3/8”	Mill	1/2-13	48	IP3030-CS	28	28	337.94
	N6P362404-W1DHDS4	36	24	4	304SS	3/16”	3/8”	Mill	1/2-13	48	IP3624-CS	34	22	296.31
	N6P363004-W1DHDS4	36	30	4	304SS	1/4”	3/8”	Mill	1/2-13	52	IP3630-CS	34	28	385.01
	N6P363604-W1DHDS4	36	36	4	304SS	1/4”	3/8”	Mill	1/2-13	56	IP3636-CS	34	34	444.11
	N6P482404-W1DHDS4	48	24	4	304SS	1/4”	3/8”	Mill	1/2-13	56	IP4824-CS	46	22	406.45
	N6P483004-W1DHDS4	48	30	4	304SS	1/4”	3/8”	Mill	1/2-13	60	IP4830-CS	46	28	479.33
	N6P483604-W1DHDS4	48	36	4	304SS	1/4”	3/8”	Mill	1/2-13	64	IP4836-CS	46	34	552.2
4D	N6P484204-W1DHDS4	48	42	4	304SS	1/4”	3/8”	Mill	1/2-13	68	IP4842-CS	46	40	625.35
	N6P484804-W1DHDS4	48	48	4	304SS	1/4”	3/8”	Mill	1/2-13	72	IP4848-CS	46	46	698.35
	N6P602404-W1DHDS4	60	24	4	304SS	1/4”	3/8”	Mill	1/2-13	64	IP6024-CS	58	22	486.93
	N6P603004-W1DHDS4	60	30	4	304SS	1/4”	3/8”	Mill	1/2-13	68	IP6030-CS	58	28	573.58
	N6P603604-W1DHDS4	60	36	4	304SS	1/4”	3/8”	Mill	1/2-13	72	IP6036-CS	58	34	660.23
	N6P604204-W1DHDS4	60	42	4	304SS	1/4”	3/8”	Mill	1/2-13	76	IP6042-CS	58	40	746.88
	N6P604804-W1DHDS4	60	48	4	304SS	1/4”	3/8”	Mill	1/2-13	80	IP6048-CS	58	46	833.82
Encl. Depth	Part Number	H	W	D	Material	Body Thk.	Door Thk.	Std. finish	Bolt size	# of bolts	Sub Panel#	A	B	Encl. Weight
6D	N6P060606-W1DHDS4	6	6	6	304SS	10 ga.	1/4”	Mill	3/8-16	16	IP0606-CS	4	4	20.69
	N6P080806-W1DHDS4	8	8	6	304SS	10 ga.	1/4”	Mill	3/8-16	20	IP0808-CS	6	6	27.59
	N6P101006-W1DHDS4	10	10	6	304SS	10 ga.	1/4”	Mill	3/8-16	24	IP1010-CS	8	8	36.5
	N6P121206-W1DHDS4	12	12	6	304SS	10 ga.	1/4”	Mill	3/8-16	28	IP1212-CS	10	10	49.48
	N6P141406-W1DHDS4	14	14	6	304SS	10 ga.	1/4”	Mill	3/8-16	28	IP1414-CS	12	12	60.46
	N6P161606-W1DHDS4	16	16	6	304SS	10 ga.	1/4”	Mill	3/8-16	32	IP1616-CS	14	14	71.6
	N6P201606-W1DHDS4	20	16	6	304SS	3/16”	1/4”	Mill	1/2-13	30	IP2016-CS	18	14	121.56
	N6P202006-W1DHDS4	20	20	6	304SS	3/16”	1/4”	Mill	1/2-13	32	IP2020-CS	18	18	141.35
	N6P242406-W1DHDS4	24	24	6	304SS	3/16”	1/4”	Mill	1/2-13	36	IP2424-CS	22	22	181.57
6D	N6P302406-W1DHDS4	30	24	6	304SS	3/16”	3/8”	Mill	1/2-13	44	IP3024-CS	28	22	271.85
	N6P303006-W1DHDS4	30	30	6	304SS	1/4”	3/8”	Mill	1/2-13	48	IP3030-CS	28	28	355.42
	N6P362406-W1DHDS4	36	24	6	304SS	3/16”	3/8”	Mill	1/2-13	48	IP3624-CS	34	22	309.4
	N6P363006-W1DHDS4	36	30	6	304SS	1/4”	3/8”	Mill	1/2-13	52	IP3630-CS	34	28	404.23
	N6P363606-W1DHDS4	36	36	6	304SS	1/4”	3/8”	Mill	1/2-13	56	IP3636-CS	34	34	465.18
	N6P482406-W1DHDS4	48	24	6	304SS	1/4”	3/8”	Mill	1/2-13	56	IP4824-CS	46	22	427.4
	N6P483006-W1DHDS4	48	30	6	304SS	1/4”	3/8”	Mill	1/2-13	60	IP4830-CS	46	28	502.01
	N6P483606-W1DHDS4	48	36	6	304SS	1/4”	3/8”	Mill	1/2-13	64	IP4836-CS	46	34	576.73
	N6P484206-W1DHDS4	48	42	6	304SS	1/4”	3/8”	Mill	1/2-13	68	IP4842-CS	46	40	651.51
6D	N6P484806-W1DHDS4	48	48	6	304SS	1/4”	3/8”	Mill	1/2-13	72	IP4848-CS	46	46	726.24
	N6P602406-W1DHDS4	60	24	6	304SS	1/4”	3/8”	Mill	1/2-13	64	IP6024-CS	58	22	511.35
	N6P603006-W1DHDS4	60	30	6	304SS	1/4”	3/8”	Mill	1/2-13	68	IP6030-CS	58	28	599.74
	N6P603606-W1DHDS4	60	36	6	304SS	1/4”	3/8”	Mill	1/2-13	72	IP6036-CS	58	34	688.12
	N6P604206-W1DHDS4	60	42	6	304SS	1/4”	3/8”	Mill	1/2-13	76	IP6042-CS	58	40	776.67
	N6P604806-W1DHDS4	60	48	6	304SS	1/4”	3/8”	Mill	1/2-13	80	IP6048-CS	58	46	865.18
Encl. Depth	Part Number	H	W	D	Material	Body Thk.	Door Thk.	Std. finish	Bolt size	# of bolts	Sub Panel#	A	B	Encl. Weight
8D	N6P080808-W1DHDS4	8	8	8	304SS	10 ga.	1/4”	Mill	3/8-16	20	IP0808-CS	6	6	30.24
	N6P101008-W1DHDS4	10	10	8	304SS	10 ga.	1/4”	Mill	3/8-16	24	IP1010-CS	8	8	39.8
	N6P121208-W1DHDS4	12	12	8	304SS	10 ga.	1/4”	Mill	3/8-16	28	IP1212-CS	10	10	53.42
	N6P141408-W1DHDS4	14	14	8	304SS	10 ga.	1/4”	Mill	3/8-16	28	IP1414-CS	12	12	65.06
	N6P161608-W1DHDS4	16	16	8	304SS	10 ga.	1/4”	Mill	3/8-16	32	IP1616-CS	14	14	76.85
	N6P201608-W1DHDS4	20	16	8	304SS	3/16”	1/4”	Mill	1/2-13	30	IP2016-CS	18	14	129.45
	N6P202008-W1DHDS4	20	20	8	304SS	3/16”	1/4”	Mill	1/2-13	32	IP2020-CS	18	18	150.11
	N6P242408-W1DHDS4	24	24	8	304SS	3/16”	1/4”	Mill	1/2-13	36	IP2424-CS	22	22	192.13
	N6P302408-W1DHDS4	30	24	8	304SS	3/16”	3/8”	Mill	1/2-13	44	IP3024-CS	28	22	283.63

8D	N6P303008-W1DHDS4	30	30	8	304SS	1/4”	3/8”	Mill	1/2-13	48	IP3030-CS	28	28	372.9
	N6P362408-W1DHDS4	36	24	8	304SS	3/16”	3/8”	Mill	1/2-13	48	IP3624-CS	34	22	322.49
	N6P363008-W1DHDS4	36	30	8	304SS	1/4”	3/8”	Mill	1/2-13	52	IP3630-CS	34	28	423.45
	N6P363608-W1DHDS4	36	36	8	304SS	1/4”	3/8”	Mill	1/2-13	56	IP3636-CS	34	34	486.25
	N6P482408-W1DHDS4	48	24	8	304SS	1/4”	3/8”	Mill	1/2-13	56	IP4824-CS	46	22	448.35
	N6P483008-W1DHDS4	48	30	8	304SS	1/4”	3/8”	Mill	1/2-13	60	IP4830-CS	46	28	524.69
	N6P483608-W1DHDS4	48	36	8	304SS	1/4”	3/8”	Mill	1/2-13	64	IP4836-CS	46	34	601.26
	N6P484208-W1DHDS4	48	42	8	304SS	1/4”	3/8”	Mill	1/2-13	68	IP4842-CS	46	40	677.67
	N6P484808-W1DHDS4	48	48	8	304SS	1/4”	3/8”	Mill	1/2-13	72	IP4848-CS	46	46	754.13
8D	N6P602408-W1DHDS4	60	24	8	304SS	1/4”	3/8”	Mill	1/2-13	64	IP6024-CS	58	22	535.77
	N6P603008-W1DHDS4	60	30	8	304SS	1/4”	3/8”	Mill	1/2-13	68	IP6030-CS	58	28	625.9
	N6P603608-W1DHDS4	60	36	8	304SS	1/4”	3/8”	Mill	1/2-13	72	IP6036-CS	58	34	716.01
	N6P604208-W1DHDS4	60	42	8	304SS	1/4”	3/8”	Mill	1/2-13	76	IP6042-CS	58	40	806.46
	N6P604808-W1DHDS4	60	48	8	304SS	1/4”	3/8”	Mill	1/2-13	80	IP6048-CS	58	46	896.54
Encl. Depth	Part Number	H	W	D	Material	Body Thk.	Door Thk.	Std. finish	Bolt size	# of bolts	Sub Panel#	A	B	Encl. Weight
10D	N6P101010-W1DHDS4	10	10	10	304SS	10 ga.	1/4”	Mill	3/8-16	24	IP1010-CS	8	8	43.1
	N6P121210-W1DHDS4	12	12	10	304SS	10 ga.	1/4”	Mill	3/8-16	28	IP1212-CS	10	10	57.36
	N6P141410-W1DHDS4	14	14	10	304SS	10 ga.	1/4”	Mill	3/8-16	28	IP1414-CS	12	12	69.66
	N6P161610-W1DHDS4	16	16	10	304SS	10 ga.	1/4”	Mill	3/8-16	32	IP1616-CS	14	14	82.1
	N6P201610-W1DHDS4	20	16	10	304SS	3/16”	1/4”	Mill	1/2-13	30	IP2016-CS	18	14	137.34
	N6P202010-W1DHDS4	20	20	10	304SS	3/16”	1/4”	Mill	1/2-13	32	IP2020-CS	18	18	158.87
	N6P242410-W1DHDS4	24	24	10	304SS	3/16”	1/4”	Mill	1/2-13	36	IP2424-CS	22	22	202.69
	N6P302410-W1DHDS4	30	24	10	304SS	3/16”	3/8”	Mill	1/2-13	44	IP3024-CS	28	22	295.41
	N6P303010-W1DHDS4	30	30	10	304SS	1/4”	3/8”	Mill	1/2-13	48	IP3030-CS	28	28	390.38
	N6P362410-W1DHDS4	36	24	10	304SS	3/16”	3/8”	Mill	1/2-13	48	IP3624-CS	34	22	335.58
10D	N6P363010-W1DHDS4	36	30	10	304SS	1/4”	3/8”	Mill	1/2-13	52	IP3630-CS	34	28	442.67
	N6P363610-W1DHDS4	36	36	10	304SS	1/4”	3/8”	Mill	1/2-13	56	IP3636-CS	34	34	507.32
	N6P482410-W1DHDS4	48	24	10	304SS	1/4”	3/8”	Mill	1/2-13	56	IP4824-CS	46	22	469.3
	N6P483010-W1DHDS4	48	30	10	304SS	1/4”	3/8”	Mill	1/2-13	60	IP4830-CS	46	28	547.37
	N6P483610-W1DHDS4	48	36	10	304SS	1/4”	3/8”	Mill	1/2-13	64	IP4836-CS	46	34	625.79
	N6P484210-W1DHDS4	48	42	10	304SS	1/4”	3/8”	Mill	1/2-13	68	IP4842-CS	46	40	703.83
	N6P484810-W1DHDS4	48	48	10	304SS	1/4”	3/8”	Mill	1/2-13	72	IP4848-CS	46	46	782.02
	N6P602410-W1DHDS4	60	24	10	304SS	1/4”	3/8”	Mill	1/2-13	64	IP6024-CS	58	22	560.19
	N6P603010-W1DHDS4	60	30	10	304SS	1/4”	3/8”	Mill	1/2-13	68	IP6030-CS	58	28	652.06
	N6P603610-W1DHDS4	60	36	10	304SS	1/4”	3/8”	Mill	1/2-13	72	IP6036-CS	58	34	743.9
10D	N6P604210-W1DHDS4	60	42	10	304SS	1/4”	3/8”	Mill	1/2-13	76	IP6042-CS	58	40	836.25
	N6P604810-W1DHDS4	60	48	10	304SS	1/4”	3/8”	Mill	1/2-13	80	IP6048-CS	58	46	927.9
Encl. Depth	Part Number	H	W	D	Material	Body Thk.	Door Thk.	Std. finish	Bolt size	# of bolts	Sub Panel#	A	B	Encl. Weight
12D	N6P121212-W1DHDS4	12	12	12	304SS	10 ga.	1/4”	Mill	3/8-16	28	IP1212-CS	10	10	61.3
	N6P141412-W1DHDS4	14	14	12	304SS	10 ga.	1/4”	Mill	3/8-16	28	IP1414-CS	12	12	74.26
	N6P161612-W1DHDS4	16	16	12	304SS	10 ga.	1/4”	Mill	3/8-16	32	IP1616-CS	14	14	87.35
	N6P201612-W1DHDS4	20	16	12	304SS	3/16”	1/4”	Mill	1/2-13	30	IP2016-CS	18	14	145.23
	N6P202012-W1DHDS4	20	20	12	304SS	3/16”	1/4”	Mill	1/2-13	32	IP2020-CS	18	18	167.63
	N6P242412-W1DHDS4	24	24	12	304SS	3/16”	1/4”	Mill	1/2-13	36	IP2424-CS	22	22	213.25
	N6P302412-W1DHDS4	30	24	12	304SS	3/16”	3/8”	Mill	1/2-13	44	IP3024-CS	28	22	307.19
	N6P303012-W1DHDS4	30	30	12	304SS	1/4”	3/8”	Mill	1/2-13	48	IP3030-CS	28	28	407.86
	N6P362412-W1DHDS4	36	24	12	304SS	3/16”	3/8”	Mill	1/2-13	48	IP3624-CS	34	22	348.67
	N6P363012-W1DHDS4	36	30	12	304SS	1/4”	3/8”	Mill	1/2-13	52	IP3630-CS	34	28	461.89

12D	N6P363612-W1DHDS4	36	36	12	304SS	1/4”	3/8”	Mill	1/2-13	56	IP3636-CS	34	34	528.39
	N6P482412-W1DHDS4	48	24	12	304SS	1/4”	3/8”	Mill	1/2-13	56	IP4824-CS	46	22	490.25
	N6P483012-W1DHDS4	48	30	12	304SS	1/4”	3/8”	Mill	1/2-13	60	IP4830-CS	46	28	570.05
	N6P483612-W1DHDS4	48	36	12	304SS	1/4”	3/8”	Mill	1/2-13	64	IP4836-CS	46	34	650.32
	N6P483612-W1DHDS4	48	42	12	304SS	1/4”	3/8”	Mill	1/2-13	68	IP4842-CS	46	40	729.99
	N6P484812-W1DHDS4	48	48	12	304SS	1/4”	3/8”	Mill	1/2-13	72	IP4848-CS	46	46	809.91
	N6P602412-W1DHDS4	60	24	12	304SS	1/4”	3/8”	Mill	1/2-13	64	IP6024-CS	58	22	584.61
	N6P603012-W1DHDS4	60	30	12	304SS	1/4”	3/8”	Mill	1/2-13	68	IP6030-CS	58	28	678.22
	N6P603612-W1DHDS4	60	36	12	304SS	1/4”	3/8”	Mill	1/2-13	72	IP6036-CS	58	34	771.79
	N6P604212-W1DHDS4	60	42	12	304SS	1/4”	3/8”	Mill	1/2-13	76	IP6042-CS	58	40	866.04
	N6P604812-W1DHDS4	60	48	12	304SS	1/4”	3/8”	Mill	1/2-13	80	IP6048-CS	58	46	959.26
Encl. Depth	Part Number	H	W	D	Material	Body Thk.	Door Thk.	Std. finish	Bolt size	# of bolts	Sub Panel#	A	B	Encl. Weight
16D	N6P161616-W1DHDS4	16	16	12	304SS	10 ga.	1/4”	Mill	3/8-16	32	IP1616-CS	14	14	92.6
	N6P201616-W1DHDS4	20	16	12	304SS	3/16”	1/4”	Mill	1/2-13	30	IP2016-CS	18	14	153.12
	N6P202016-W1DHDS4	20	20	12	304SS	3/16”	1/4”	Mill	1/2-13	32	IP2020-CS	18	18	176.39
	N6P242416-W1DHDS4	24	24	12	304SS	3/16”	1/4”	Mill	1/2-13	36	IP2424-CS	22	22	223.81
	N6P302416-W1DHDS4	30	24	12	304SS	3/16”	3/8”	Mill	1/2-13	44	IP3024-CS	28	22	318.97
	N6P303016-W1DHDS4	30	30	12	304SS	1/4”	3/8”	Mill	1/2-13	48	IP3030-CS	28	28	425.34
	N6P362416-W1DHDS4	36	24	12	304SS	3/16”	3/8”	Mill	1/2-13	48	IP3624-CS	34	22	361.76
	N6P363016-W1DHDS4	36	30	12	304SS	1/4”	3/8”	Mill	1/2-13	52	IP3630-CS	34	28	481.11
	N6P363616-W1DHDS4	36	36	12	304SS	1/4”	3/8”	Mill	1/2-13	56	IP3636-CS	34	34	549.46
	N6P482416-W1DHDS4	48	24	12	304SS	1/4”	3/8”	Mill	1/2-13	56	IP4824-CS	46	22	511.2
16D	N6P483016-W1DHDS4	48	30	12	304SS	1/4”	3/8”	Mill	1/2-13	60	IP4830-CS	46	28	592.73
	N6P483616-W1DHDS4	48	36	12	304SS	1/4”	3/8”	Mill	1/2-13	64	IP4836-CS	46	34	674.85
	N6P484216-W1DHDS4	48	42	12	304SS	1/4”	3/8”	Mill	1/2-13	68	IP4842-CS	46	40	756.15
	N6P484816-W1DHDS4	48	48	12	304SS	1/4”	3/8”	Mill	1/2-13	72	IP4848-CS	46	46	837.8
	N6P602416-W1DHDS4	60	24	12	304SS	1/4”	3/8”	Mill	1/2-13	64	IP6024-CS	58	22	609.03
	N6P603016-W1DHDS4	60	30	12	304SS	1/4”	3/8”	Mill	1/2-13	68	IP6030-CS	58	28	704.38
	N6P603616-W1DHDS4	60	36	12	304SS	1/4”	3/8”	Mill	1/2-13	72	IP6036-CS	58	34	799.68
	N6P604216-W1DHDS4	60	42	12	304SS	1/4”	3/8”	Mill	1/2-13	76	IP6042-CS	58	40	895.83
	N6P604816-W1DHDS4	60	48	12	304SS	1/4”	3/8”	Mill	1/2-13	80	IP6048-CS	58	46	990.62

Drawing Table (316 Stainless Steel)

Encl. Depth	Part Number	H	W	D	Material	Body Thk.	Door Thk.	Std. finish	Bolt size	# of bolts	Sub Panel#	A	B	Encl. Weight
4D	N6P040404-W1DHDS6	4	4	4	316SS	10 ga.	1/4”	Mill	3/8-16	12	IP0404-CS	2	2	11.03
	N6P060604-W1DHDS6	6	6	4	316SS	10 ga.	1/4”	Mill	3/8-16	16	IP0606-CS	4	4	18.69
	N6P080804-W1DHDS6	8	8	4	316SS	10 ga.	1/4”	Mill	3/8-16	20	IP0808-CS	6	6	24.94
	N6P101004-W1DHDS6	10	10	4	316SS	10 ga.	1/4”	Mill	3/8-16	24	IP1010-CS	8	8	33.2
	N6P121204-W1DHDS6	12	12	4	316SS	10 ga.	1/4”	Mill	3/8-16	28	IP1212-CS	10	10	45.54
	N6P141404-W1DHDS6	14	14	4	316SS	10 ga.	1/4”	Mill	3/8-16	28	IP1414-CS	12	12	55.86
	N6P161604-W1DHDS6	16	16	4	316SS	10 ga.	1/4”	Mill	3/8-16	32	IP1616-CS	14	14	66.35
	N6P201604-W1DHDS6	20	16	4	316SS	3/16”	1/4”	Mill	1/2-13	30	IP2016-CS	18	14	113.67
	N6P202004-W1DHDS6	20	20	4	316SS	3/16”	1/4”	Mill	1/2-13	32	IP2020-CS	18	18	132.59
4D	N6P242404-W1DHDS6	24	24	4	316SS	3/16”	1/4”	Mill	1/2-13	36	IP2424-CS	22	22	171.01
	N6P302404-W1DHDS6	30	24	4	316SS	3/16”	3/8”	Mill	1/2-13	44	IP3024-CS	28	22	260.07
	N6P303004-W1DHDS6	30	30	4	316SS	1/4”	3/8”	Mill	1/2-13	48	IP3030-CS	28	28	337.94
	N6P362404-W1DHDS6	36	24	4	316SS	3/16”	3/8”	Mill	1/2-13	48	IP3624-CS	34	22	296.31
	N6P363004-W1DHDS6	36	30	4	316SS	1/4”	3/8”	Mill	1/2-13	52	IP3630-CS	34	28	385.01
	N6P363604-W1DHDS6	36	36	4	316SS	1/4”	3/8”	Mill	1/2-13	56	IP3636-CS	34	34	444.11
	N6P482404-W1DHDS6	48	24	4	316SS	1/4”	3/8”	Mill	1/2-13	56	IP4824-CS	46	22	406.45
	N6P483004-W1DHDS6	48	30	4	316SS	1/4”	3/8”	Mill	1/2-13	60	IP4830-CS	46	28	479.33
	N6P483604-W1DHDS6	48	36	4	316SS	1/4”	3/8”	Mill	1/2-13	64	IP4836-CS	46	34	552.2

4D	N6P484204-W1DHDS6	48	42	4	316SS	1/4”	3/8”	Mill	1/2-13	68	IP4842-CS	46	40	625.35
	N6P484804-W1DHDS6	48	48	4	316SS	1/4”	3/8”	Mill	1/2-13	72	IP4848-CS	46	46	698.35
	N6P602404-W1DHDS6	60	24	4	316SS	1/4”	3/8”	Mill	1/2-13	64	IP6024-CS	58	22	486.93
	N6P603004-W1DHDS6	60	30	4	316SS	1/4”	3/8”	Mill	1/2-13	68	IP6030-CS	58	28	573.58
	N6P603604-W1DHDS6	60	36	4	316SS	1/4”	3/8”	Mill	1/2-13	72	IP6036-CS	58	34	660.23
	N6P604204-W1DHDS6	60	42	4	316SS	1/4”	3/8”	Mill	1/2-13	76	IP6042-CS	58	40	746.88
	N6P604804-W1DHDS6	60	48	4	316SS	1/4”	3/8”	Mill	1/2-13	80	IP6048-CS	58	46	833.82
Encl. Depth	Part Number	H	W	D	Material	Body Thk.	Door Thk.	Std. finish	Bolt size	# of bolts	Sub Panel#	A	B	Encl. Weight
6D	N6P060606-W1DHDS6	6	6	6	316SS	10 ga.	1/4”	Mill	3/8-16	16	IP0606-CS	4	4	20.69
	N6P080806-W1DHDS6	8	8	6	316SS	10 ga.	1/4”	Mill	3/8-16	20	IP0808-CS	6	6	27.59
	N6P101006-W1DHDS6	10	10	6	316SS	10 ga.	1/4”	Mill	3/8-16	24	IP1010-CS	8	8	36.5
	N6P121206-W1DHDS6	12	12	6	316SS	10 ga.	1/4”	Mill	3/8-16	28	IP1212-CS	10	10	49.48
	N6P141406-W1DHDS6	14	14	6	316SS	10 ga.	1/4”	Mill	3/8-16	28	IP1414-CS	12	12	60.46
	N6P161606-W1DHDS6	16	16	6	316SS	10 ga.	1/4”	Mill	3/8-16	32	IP1616-CS	14	14	71.6
	N6P201606-W1DHDS6	20	16	6	316SS	3/16”	1/4”	Mill	1/2-13	30	IP2016-CS	18	14	121.56
	N6P202006-W1DHDS6	20	20	6	316SS	3/16”	1/4”	Mill	1/2-13	32	IP2020-CS	18	18	141.35
	N6P242406-W1DHDS6	24	24	6	316SS	3/16”	1/4”	Mill	1/2-13	36	IP2424-CS	22	22	181.57
6D	N6P302406-W1DHDS6	30	24	6	316SS	3/16”	3/8”	Mill	1/2-13	44	IP3024-CS	28	22	271.85
	N6P303006-W1DHDS6	30	30	6	316SS	1/4”	3/8”	Mill	1/2-13	48	IP3030-CS	28	28	355.42
	N6P362406-W1DHDS6	36	24	6	316SS	3/16”	3/8”	Mill	1/2-13	48	IP3624-CS	34	22	309.4
	N6P363006-W1DHDS6	36	30	6	316SS	1/4”	3/8”	Mill	1/2-13	52	IP3630-CS	34	28	404.23
	N6P363606-W1DHDS6	36	36	6	316SS	1/4”	3/8”	Mill	1/2-13	56	IP3636-CS	34	34	465.18
	N6P482406-W1DHDS6	48	24	6	316SS	1/4”	3/8”	Mill	1/2-13	56	IP4824-CS	46	22	427.4
	N6P483006-W1DHDS6	48	30	6	316SS	1/4”	3/8”	Mill	1/2-13	60	IP4830-CS	46	28	502.01
	N6P483606-W1DHDS6	48	36	6	316SS	1/4”	3/8”	Mill	1/2-13	64	IP4836-CS	46	34	576.73
	N6P484206-W1DHDS6	48	42	6	316SS	1/4”	3/8”	Mill	1/2-13	68	IP4842-CS	46	40	651.51
6D	N6P484806-W1DHDS6	48	48	6	316SS	1/4”	3/8”	Mill	1/2-13	72	IP4848-CS	46	46	726.24
	N6P602406-W1DHDS6	60	24	6	316SS	1/4”	3/8”	Mill	1/2-13	64	IP6024-CS	58	22	511.35
	N6P603006-W1DHDS6	60	30	6	316SS	1/4”	3/8”	Mill	1/2-13	68	IP6030-CS	58	28	599.74
	N6P603606-W1DHDS6	60	36	6	316SS	1/4”	3/8”	Mill	1/2-13	72	IP6036-CS	58	34	688.12
	N6P604206-W1DHDS6	60	42	6	316SS	1/4”	3/8”	Mill	1/2-13	76	IP6042-CS	58	40	776.67
	N6P604806-W1DHDS6	60	48	6	316SS	1/4”	3/8”	Mill	1/2-13	80	IP6048-CS	58	46	865.18
Encl. Depth	Part Number	H	W	D	Material	Body Thk.	Door Thk.	Std. finish	Bolt size	# of bolts	Sub Panel#	A	B	Encl. Weight
8D	N6P080808-W1DHDS6	8	8	8	316SS	10 ga.	1/4”	Mill	3/8-16	20	IP0808-CS	6	6	30.24
	N6P101008-W1DHDS6	10	10	8	316SS	10 ga.	1/4”	Mill	3/8-16	24	IP1010-CS	8	8	39.8
	N6P121208-W1DHDS6	12	12	8	316SS	10 ga.	1/4”	Mill	3/8-16	28	IP1212-CS	10	10	53.42
	N6P141408-W1DHDS6	14	14	8	316SS	10 ga.	1/4”	Mill	3/8-16	28	IP1414-CS	12	12	65.06
	N6P161608-W1DHDS6	16	16	8	316SS	10 ga.	1/4”	Mill	3/8-16	32	IP1616-CS	14	14	76.85
	N6P201608-W1DHDS6	20	16	8	316SS	3/16”	1/4”	Mill	1/2-13	30	IP2016-CS	18	14	129.45
	N6P202008-W1DHDS6	20	20	8	316SS	3/16”	1/4”	Mill	1/2-13	32	IP2020-CS	18	18	150.11
	N6P242408-W1DHDS6	24	24	8	316SS	3/16”	1/4”	Mill	1/2-13	36	IP2424-CS	22	22	192.13
	N6P302408-W1DHDS6	30	24	8	316SS	3/16”	3/8”	Mill	1/2-13	44	IP3024-CS	28	22	283.63
8D	N6P303008-W1DHDS6	30	30	8	316SS	1/4”	3/8”	Mill	1/2-13	48	IP3030-CS	28	28	372.9
	N6P362408-W1DHDS6	36	24	8	316SS	3/16”	3/8”	Mill	1/2-13	48	IP3624-CS	34	22	322.49
	N6P363008-W1DHDS6	36	30	8	316SS	1/4”	3/8”	Mill	1/2-13	52	IP3630-CS	34	28	423.45
	N6P363608-W1DHDS6	36	36	8	316SS	1/4”	3/8”	Mill	1/2-13	56	IP3636-CS	34	34	486.25
	N6P482408-W1DHDS6	48	24	8	316SS	1/4”	3/8”	Mill	1/2-13	56	IP4824-CS	46	22	448.35
	N6P483008-W1DHDS6	48	30	8	316SS	1/4”	3/8”	Mill	1/2-13	60	IP4830-CS	46	28	524.69
	N6P483608-W1DHDS6	48	36	8	316SS	1/4”	3/8”	Mill	1/2-13	64	IP4836-CS	46	34	601.26
	N6P484208-W1DHDS6	48	42	8	316SS	1/4”	3/8”	Mill	1/2-13	68	IP4842-CS	46	40	677.67
	N6P484808-W1DHDS6	48	48	8	316SS	1/4”	3/8”	Mill	1/2-13	72	IP4848-CS	46	46	754.13

8D	N6P602408-W1DHDS6	60	24	8	316SS	1/4”	3/8”	Mill	1/2-13	64	IP6024-CS	58	22	535.77
	N6P603008-W1DHDS6	60	30	8	316SS	1/4”	3/8”	Mill	1/2-13	68	IP6030-CS	58	28	625.9
	N6P603608-W1DHDS6	60	36	8	316SS	1/4”	3/8”	Mill	1/2-13	72	IP6036-CS	58	34	716.01
	N6P604208-W1DHDS6	60	42	8	316SS	1/4”	3/8”	Mill	1/2-13	76	IP6042-CS	58	40	806.46
	N6P604808-W1DHDS6	60	48	8	316SS	1/4”	3/8”	Mill	1/2-13	80	IP6048-CS	58	46	896.54
Encl. Depth	Part Number	H	W	D	Material	Body Thk.	Door Thk.	Std. finish	Bolt size	# of bolts	Sub Panel#	A	B	Encl. Weight
10D	N6P101010-W1DHDS6	10	10	10	316SS	10 ga.	1/4”	Mill	3/8-16	24	IP1010-CS	8	8	43.1
	N6P121210-W1DHDS6	12	12	10	316SS	10 ga.	1/4”	Mill	3/8-16	28	IP1212-CS	10	10	57.36
	N6P141410-W1DHDS6	14	14	10	316SS	10 ga.	1/4”	Mill	3/8-16	28	IP1414-CS	12	12	69.66
	N6P161610-W1DHDS6	16	16	10	316SS	10 ga.	1/4”	Mill	3/8-16	32	IP1616-CS	14	14	82.1
	N6P201610-W1DHDS6	20	16	10	316SS	3/16”	1/4”	Mill	1/2-13	30	IP2016-CS	18	14	137.34
	N6P202010-W1DHDS6	20	20	10	316SS	3/16”	1/4”	Mill	1/2-13	32	IP2020-CS	18	18	158.87
	N6P242410-W1DHDS6	24	24	10	316SS	3/16”	1/4”	Mill	1/2-13	36	IP2424-CS	22	22	202.69
	N6P302410-W1DHDS6	30	24	10	316SS	3/16”	3/8”	Mill	1/2-13	44	IP3024-CS	28	22	295.41
	N6P303010-W1DHDS6	30	30	10	316SS	1/4”	3/8”	Mill	1/2-13	48	IP3030-CS	28	28	390.38
	N6P362410-W1DHDS6	36	24	10	316SS	3/16”	3/8”	Mill	1/2-13	48	IP3624-CS	34	22	335.58
10D	N6P363010-W1DHDS6	36	30	10	316SS	1/4”	3/8”	Mill	1/2-13	52	IP3630-CS	34	28	442.67
	N6P363610-W1DHDS6	36	36	10	316SS	1/4”	3/8”	Mill	1/2-13	56	IP3636-CS	34	34	507.32
	N6P482410-W1DHDS6	48	24	10	316SS	1/4”	3/8”	Mill	1/2-13	56	IP4824-CS	46	22	469.3
	N6P483010-W1DHDS6	48	30	10	316SS	1/4”	3/8”	Mill	1/2-13	60	IP4830-CS	46	28	547.37
	N6P483610-W1DHDS6	48	36	10	316SS	1/4”	3/8”	Mill	1/2-13	64	IP4836-CS	46	34	625.79
	N6P484210-W1DHDS6	48	42	10	316SS	1/4”	3/8”	Mill	1/2-13	68	IP4842-CS	46	40	703.83
	N6P484810-W1DHDS6	48	48	10	316SS	1/4”	3/8”	Mill	1/2-13	72	IP4848-CS	46	46	782.02
	N6P602410-W1DHDS6	60	24	10	316SS	1/4”	3/8”	Mill	1/2-13	64	IP6024-CS	58	22	560.19
	N6P603010-W1DHDS6	60	30	10	316SS	1/4”	3/8”	Mill	1/2-13	68	IP6030-CS	58	28	652.06
	N6P603610-W1DHDS6	60	36	10	316SS	1/4”	3/8”	Mill	1/2-13	72	IP6036-CS	58	34	743.9
10D	N6P604210-W1DHDS6	60	42	10	316SS	1/4”	3/8”	Mill	1/2-13	76	IP6042-CS	58	40	836.25
	N6P604810-W1DHDS6	60	48	10	316SS	1/4”	3/8”	Mill	1/2-13	80	IP6048-CS	58	46	927.9
Encl. Depth	Part Number	H	W	D	Material	Body Thk.	Door Thk.	Std. finish	Bolt size	# of bolts	Sub Panel#	A	B	Encl. Weight
12D	N6P121212-W1DHDS6	12	12	12	316SS	10 ga.	1/4”	Mill	3/8-16	28	IP1212-CS	10	10	61.3
	N6P141412-W1DHDS6	14	14	12	316SS	10 ga.	1/4”	Mill	3/8-16	28	IP1414-CS	12	12	74.26
	N6P161612-W1DHDS6	16	16	12	316SS	10 ga.	1/4”	Mill	3/8-16	32	IP1616-CS	14	14	87.35
	N6P201612-W1DHDS6	20	16	12	316SS	3/16”	1/4”	Mill	1/2-13	30	IP2016-CS	18	14	145.23
	N6P202012-W1DHDS6	20	20	12	316SS	3/16”	1/4”	Mill	1/2-13	32	IP2020-CS	18	18	167.63
	N6P242412-W1DHDS6	24	24	12	316SS	3/16”	1/4”	Mill	1/2-13	36	IP2424-CS	22	22	213.25
	N6P302412-W1DHDS6	30	24	12	316SS	3/16”	3/8”	Mill	1/2-13	44	IP3024-CS	28	22	307.19
	N6P303012-W1DHDS6	30	30	12	316SS	1/4”	3/8”	Mill	1/2-13	48	IP3030-CS	28	28	407.86
	N6P362412-W1DHDS6	36	24	12	316SS	3/16”	3/8”	Mill	1/2-13	48	IP3624-CS	34	22	348.67
	N6P363012-W1DHDS6	36	30	12	316SS	1/4”	3/8”	Mill	1/2-13	52	IP3630-CS	34	28	461.89
12D	N6P363612-W1DHDS6	36	36	12	316SS	1/4”	3/8”	Mill	1/2-13	56	IP3636-CS	34	34	528.39
	N6P482412-W1DHDS6	48	24	12	316SS	1/4”	3/8”	Mill	1/2-13	56	IP4824-CS	46	22	490.25
	N6P483012-W1DHDS6	48	30	12	316SS	1/4”	3/8”	Mill	1/2-13	60	IP4830-CS	46	28	570.05
	N6P483612-W1DHDS6	48	36	12	316SS	1/4”	3/8”	Mill	1/2-13	64	IP4836-CS	46	34	650.32
	N6P483612-W1DHDS6	48	42	12	316SS	1/4”	3/8”	Mill	1/2-13	68	IP4842-CS	46	40	729.99
	N6P484812-W1DHDS6	48	48	12	316SS	1/4”	3/8”	Mill	1/2-13	72	IP4848-CS	46	46	809.91
	N6P602412-W1DHDS6	60	24	12	316SS	1/4”	3/8”	Mill	1/2-13	64	IP6024-CS	58	22	584.61
	N6P603012-W1DHDS6	60	30	12	316SS	1/4”	3/8”	Mill	1/2-13	68	IP6030-CS	58	28	678.22
	N6P603612-W1DHDS6	60	36	12	316SS	1/4”	3/8”	Mill	1/2-13	72	IP6036-CS	58	34	771.79
	N6P604212-W1DHDS6	60	42	12	316SS	1/4”	3/8”	Mill	1/2-13	76	IP6042-CS	58	40	866.04
	N6P604812-W1DHDS6	60	48	12	316SS	1/4”	3/8”	Mill	1/2-13	80	IP6048-CS	58	46	959.26

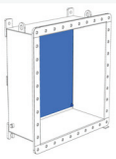
Encl. Depth	Part Number	H	W	D	Material	Body Thk.	Door Thk.	Std. finish	Bolt size	# of bolts	Sub Panel#	A	B	Encl. Weight
16D	N6P161616-W1DHDS6	16	16	12	316SS	10 ga.	1/4”	Mill	3/8-16	32	IP1616-CS	14	14	92.6
	N6P201616-W1DHDS6	20	16	12	316SS	3/16”	1/4”	Mill	1/2-13	30	IP2016-CS	18	14	153.12
	N6P202016-W1DHDS6	20	20	12	316SS	3/16”	1/4”	Mill	1/2-13	32	IP2020-CS	18	18	176.39
	N6P242416-W1DHDS6	24	24	12	316SS	3/16”	1/4”	Mill	1/2-13	36	IP2424-CS	22	22	223.81
	N6P302416-W1DHDS6	30	24	12	316SS	3/16”	3/8”	Mill	1/2-13	44	IP3024-CS	28	22	318.97
	N6P303016-W1DHDS6	30	30	12	316SS	1/4”	3/8”	Mill	1/2-13	48	IP3030-CS	28	28	425.34
	N6P362416-W1DHDS6	36	24	12	316SS	3/16”	3/8”	Mill	1/2-13	48	IP3624-CS	34	22	361.76
	N6P363016-W1DHDS6	36	30	12	316SS	1/4”	3/8”	Mill	1/2-13	52	IP3630-CS	34	28	481.11
	N6P363616-W1DHDS6	36	36	12	316SS	1/4”	3/8”	Mill	1/2-13	56	IP3636-CS	34	34	549.46
	N6P482416-W1DHDS6	48	24	12	316SS	1/4”	3/8”	Mill	1/2-13	56	IP4824-CS	46	22	511.2
16D	N6P483016-W1DHDS6	48	30	12	316SS	1/4”	3/8”	Mill	1/2-13	60	IP4830-CS	46	28	592.73
	N6P483616-W1DHDS6	48	36	12	316SS	1/4”	3/8”	Mill	1/2-13	64	IP4836-CS	46	34	674.85
	N6P484216-W1DHDS6	48	42	12	316SS	1/4”	3/8”	Mill	1/2-13	68	IP4842-CS	46	40	756.15
	N6P484816-W1DHDS6	48	48	12	316SS	1/4”	3/8”	Mill	1/2-13	72	IP4848-CS	46	46	837.8
	N6P602416-W1DHDS6	60	24	12	316SS	1/4”	3/8”	Mill	1/2-13	64	IP6024-CS	58	22	609.03
	N6P603016-W1DHDS6	60	30	12	316SS	1/4”	3/8”	Mill	1/2-13	68	IP6030-CS	58	28	704.38
	N6P603616-W1DHDS6	60	36	12	316SS	1/4”	3/8”	Mill	1/2-13	72	IP6036-CS	58	34	799.68
	N6P604216-W1DHDS6	60	42	12	316SS	1/4”	3/8”	Mill	1/2-13	76	IP6042-CS	58	40	895.83
	N6P604816-W1DHDS6	60	48	12	316SS	1/4”	3/8”	Mill	1/2-13	80	IP6048-CS	58	46	990.62

Waterproof Submersible NEMA 6P Enclosures

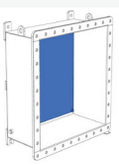
Accessories & Options



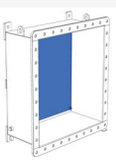




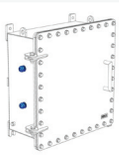
Aluminum Interior Plate
A removable aluminum mounting plate installs inside the enclosure to provide a clean surface for component layout and wiring without modifications to the enclosure body.



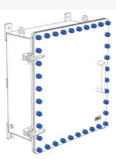
Coated Steel Interior Plate
A powder-coated steel mounting plate installs inside the enclosure for component layout in applications where aluminum is not specified.



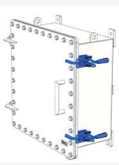
Stainless Steel Interior Plate
A 316L stainless steel mounting plate for component layout in corrosive or washdown environments.



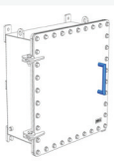
Cable Gland Fittings
Compression-style cable glands thread directly into the enclosure wall to create a watertight seal around individual cable entries at depth.



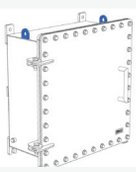
Cover Bolt Captive Retainers
Captive stainless steel bolts retain the cover fasteners in place when the enclosure is opened, preventing loss during underwater or confined-space servicing.



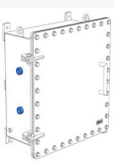
Door Latches
Toggle draw latches supplement the bolt-down cover to provide quick-access secondary clamping for installations requiring frequent entry.



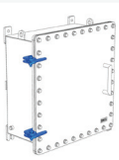
Door Pull Handle
A stainless steel pull handle mounts to the cover face to assist with cover removal, particularly in overhead or confined installation positions.



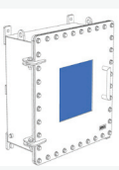
Lifting Pad Eyes
Stainless steel lifting eyes thread into the enclosure top corners to provide rated rigging points for crane or hoist deployment and retrieval.



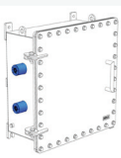
N6P NPT Fitting Hubs
NPT-threaded fitting hubs weld directly to the enclosure wall to accept standard conduit fittings while maintaining NEMA 6/6P ingress protection at the penetration point.



NEMA 6P Sliding Cover Hinge
A stainless steel cover hinge tethers the bolted cover to the enclosure body, preventing cover separation during servicing in elevated or underwater installations.



Polycarbonate Window Kit (Non-UL Option)
A polycarbonate window panel installs in the cover to allow visual inspection of internal components without breaking the enclosure seal; not available on UL Listed configurations.



Roxtec Seal Solutions
Roxtec modular cable and pipe seals install in the enclosure wall to provide individually sized, watertight entries for multiple cables or conduits through a single opening.



Viton Gasket
A Viton gasket replaces the standard EPDM seal for installations involving hydrocarbon exposure, fuel vapor, or chemical environments that degrade standard elastomers.



EPDM Gasket
A full-perimeter EPDM gasket seats between the cover and enclosure flange to maintain a watertight seal across a wide temperature range and in UV-exposed outdoor installations.



PTFE Gasket
A PTFE gasket replaces the standard elastomer seal for applications involving aggressive chemical exposure or extreme thermal cycling.