

# Universal NI 316 Stainless Steel



## INDEX

[Leaflet](#)  
[Catalogue Information](#)  
[Technical Drawings](#)

## WEB LINKS

[Universal NI – 316 Stainless Steel Information Page](#)  
[Ask a question / Send us an enquiry](#)  
[Information about B&R](#)  
[Local Sales Team Phone Numbers](#)

# Universal NI – 316 Stainless Steel



## Features

- Protection rating – IP66
- Flexible equipment mounting options
- Specially designed gutter system
- Foamed in place polyurethane gasket
- Robust fully welded construction
- Easy access with reversible door opening to 120°
- Corrosion resistant 316 stainless steel with N4 surface finish to reduce 'tea staining'



### OVERVIEW

The Universal NI is a general purpose enclosure designed for harsh and aggressive environments. Manufactured from 316 stainless steel for the ultimate corrosion resistance. Ease of use is assured by the reversible door, which opens to 120°.

### MATERIALS

- Body – 316 stainless steel
- Body thickness – 1.2 / 1.5mm
- Gasket – FIP polyurethane
- Surface finish – N4

### APPLICATION

Typically used in automation, junction terminations and process control applications. Suitable for applications where an IP66 protection rating is required and the area is prone to frequent hosing or wet and dusty conditions.

### INCLUSIONS

- 2mm steel mounting pan powdercoated white
- 7mm square turnbuckle lock (NI020/PS)
- Door rails
- Earth strap kit



# Universal NI – Stainless Steel

## SELECTION GUIDE

Catalogue No.	Dimensions (mm)					Mounting Pan (mm)		Door Rails		Fixing points**	No of locks	Weight (kg)
	Height	Width	Depth	Usable Depth*	Thk.	Height	Width	Vertical	Horizontal			
NI03021/S	300	200	150	125	1.2	250	150			4	1	3.9
NI03031/S	300	300	150	125	1.2	250	250			4	1	5.3
NI04031/S	400	300	150	125	1.2	350	250			4	1	6.8
NI03041/S	300	400	150	125	1.2	250	350			4	1	6.7
NI04032/S □	400	300	200	175	1.2	350	250			4	1	9.0
NI03042/S □	300	400	200	175	1.2	250	350			4	1	8.9
NI04042/S □	400	400	200	175	1.5	350	350	•		4	1	11.2
NI05042/S □	500	400	200	175	1.5	450	350	•		4	1	14.0
NI06042/S □	600	400	200	175	1.5	550	350	•		4	1	15.9
NI05052/S □	500	500	200	175	1.5	450	450	•		4	1	16.2
NI06062/S □	600	600	200	175	1.5	550	550	•		4	1	22.1
NI08062/S □	800	600	200	175	1.5	750	550	•		6	2	28.5
NI10082/S □	1000	800	200	175	1.5	950	750	•		6	2	44.6
NI06043/S □	600	400	300	275	1.5	550	350	•		4	1	18.5
NI06063/S □	600	600	300	275	1.5	550	550	•		4	1	25.2
NI08063/S □	800	600	300	275	1.5	750	550	•		6	2	32.2
NI10063/S □	1000	600	300	275	1.5	950	550	•		6	2	39.2
NI08083/S#	800	800	300	275	1.5	750	750	•	•	6	2	40.6
NI10083/S#	1000	800	300	275	1.5	950	750	•	•	6	2	49.4
NI12083/S#	1200	800	300	275	1.5	1150	750	•	•	8	2	58.1

\* Mounting pan to inside of door  
 \*\* Suits M8 fixing  
 □ Available with vertical door rail  
 # Available with horizontal or vertical door rail

## ACCESSORIES

Product	Description	Catalogue No.
Rainhood	30mm high	NIRH021/S
	30mm high	NIRH031/S
	30mm high	NIRH032/S
	30mm high	NIRH041/S
	30mm high	NIRH042/S
	30mm high	NIRH043/S
	30mm high	NIRH062/S
	30mm high	NIRH063/S
	30mm high	NIRH082/S
	30mm high	NIRH083/S
Vent kit – external	130 x 130mm	IPVK/S
Wall mounting brackets	316 stainless steel (4)	MEB/S
	75 x 200mm	MF2/S
	75 x 300mm	MF3/S
	75 x 400mm	MF4/S
	75 x 500mm	MF5/S
	75 x 600mm	MF6/S
Mounting flange kit – 316 stainless steel	75 x 800mm	MF8/S



Vent kit



Rainhood

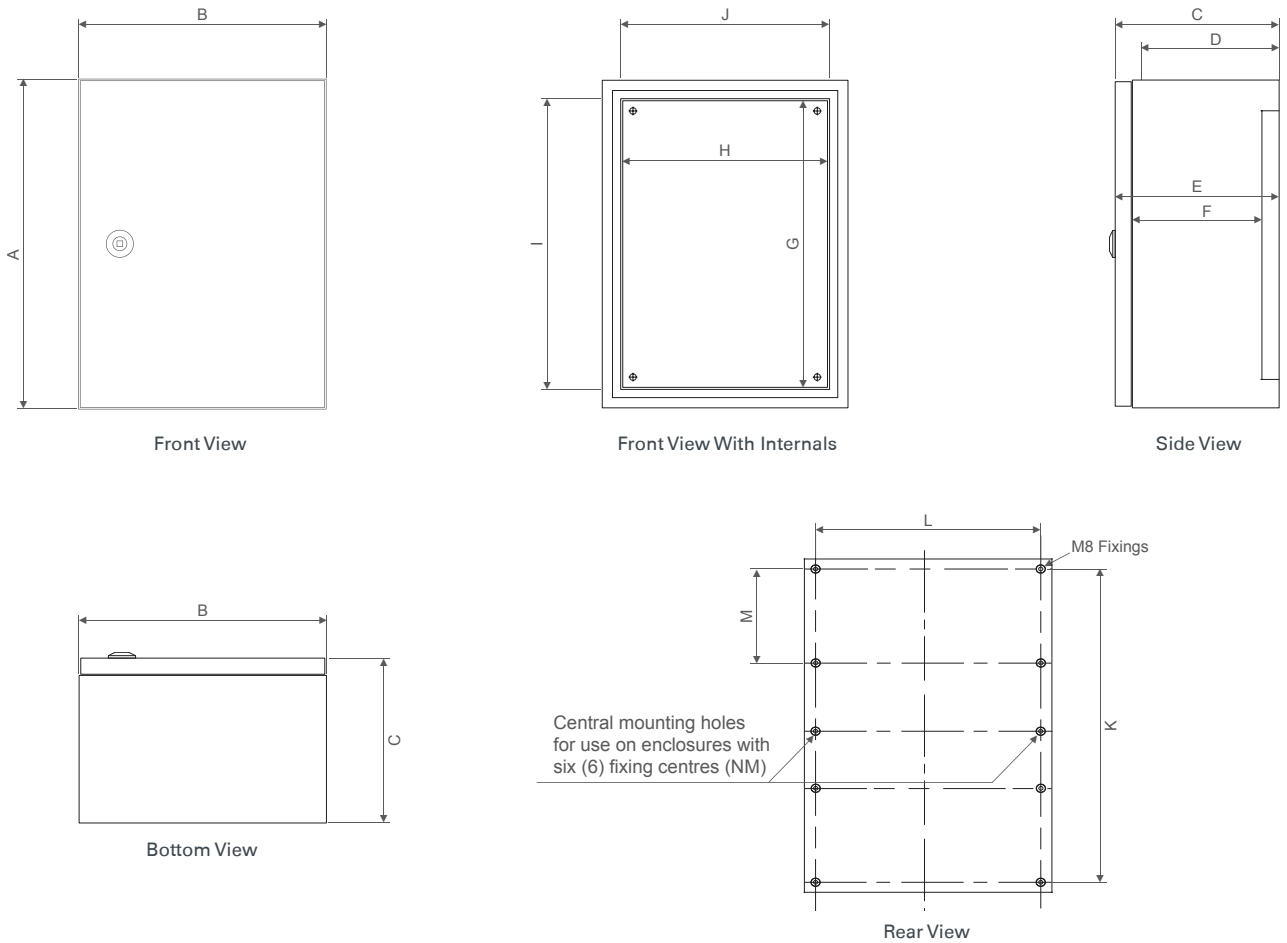
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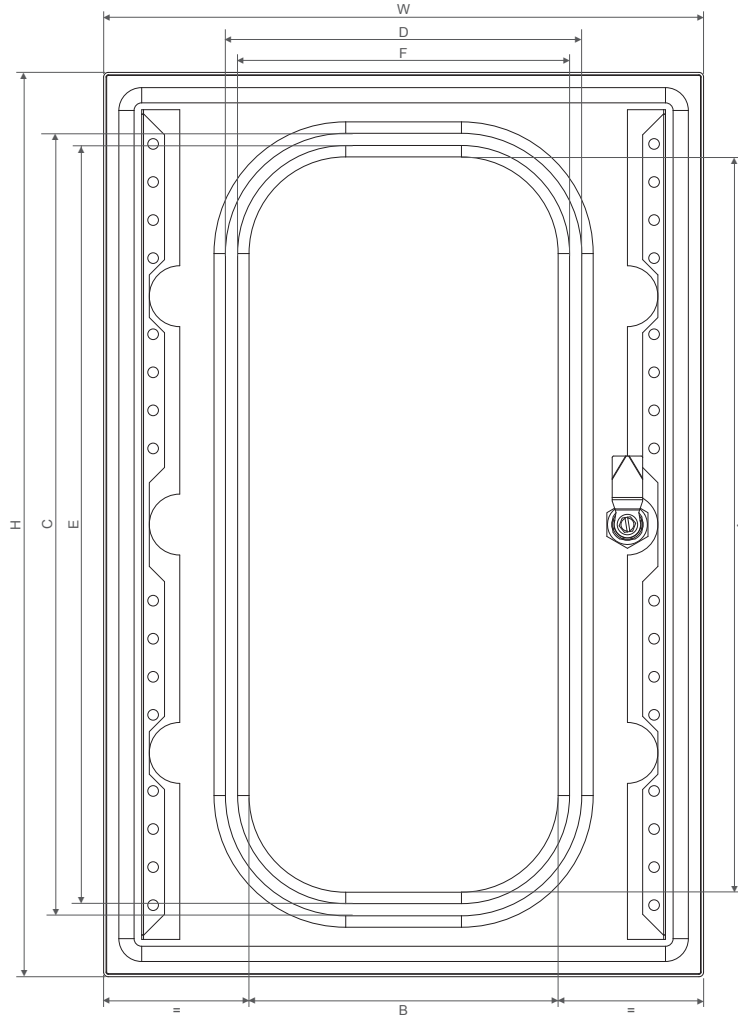


# Technical Drawings



Catalogue No.	Dimensions (mm)													No of Fixing Points	No of Locks
	External			Internal Depth		Mounting Pan		Opening Size		Fixing Centres					
	A	B	C	D	E	F	G	H	I	J	K	L	M		
NI03021/S	300	200	150	129	145	108	250	15	255	155	225	125	—	4	1
NI03031/S	300	300	150	129	145	108	250	250	255	255	225	225	—	4	1
NI03041/S	300	400	150	129	145	108	250	350	255	355	225	325	—	4	1
NI04031/S	400	300	150	129	145	108	350	250	355	255	325	225	—	4	1
NI03042/S	300	400	200	179	195	158	250	350	255	355	225	325	—	4	1
NI04032/S	400	300	200	179	195	158	350	250	355	255	325	225	—	4	1
NI04042/S	400	400	200	179	195	158	350	350	355	355	325	325	—	4	1
NI05052/S	500	500	200	179	195	158	450	450	455	455	425	425	—	4	1
NI06042/S	600	400	200	179	195	158	550	350	555	355	525	325	—	4	1
NI06062/S	600	600	200	179	195	158	550	550	555	555	525	525	—	4	1
NI08062/S	800	600	200	179	195	158	750	550	755	555	725	525	—	6	2
NI10082/S	1000	800	200	179	195	158	950	750	955	755	925	725	—	6	2
NI06043/S	600	400	300	279	295	258	550	350	555	355	525	325	—	4	1
NI06063/S	600	600	300	279	295	258	550	550	555	555	525	525	—	4	1
NI08063/S	800	600	300	279	295	258	750	550	755	555	725	525	—	6	2
NI08083/S	800	800	300	279	295	258	750	750	755	755	725	725	—	6	2
NI10063/S	1000	600	300	279	295	258	950	550	955	555	925	525	—	6	2
NI10083/S	1000	800	300	279	295	258	950	750	955	755	925	725	—	6	2
NI12083/S	1200	800	300	279	295	258	1150	750	1155	755	1125	725	337.5	6	2

# Technical Drawings – Viewing Window



Door Inside View

Catalogue No.		Dimensions (mm)							
		Enclosure size		Viewing Area		Cutout Size		Window Size	
Zinc coated steel	316 stainless steel	H	W	A	B	C	D	E	F
NI0303	–	300	300	186	106	214	134	198	118
NI0304	–	300	400	186	206	214	234	198	218
NI0403	NI0403/S	400	300	286	106	314	134	298	118
NI0404	NI0404/S	400	400	286	206	314	234	298	218
NI0406	NI0406/S	400	600	286	406	314	434	298	418
NI0504	–	500	400	386	206	414	234	398	218
NI0505	–	500	500	386	306	414	334	398	318
NI0604	NI0604/S	600	400	486	206	514	234	498	218
NI0606	NI0606/S	600	600	486	406	514	434	498	418
NI0806	NI0806/S	800	600	686	406	714	434	698	418
NI0808	NI0808/S	800	800	606	606	634	634	698	618
NI1006	NI1006/S	1000	600	886	406	914	434	898	418
NI1008	NI1008/S	1000	800	806	606	834	634	818	618
NI1208	NI1008/S	1200	800	1006	606	1034	634	1018	618