Universal NI – 316 Stainless Steel

General Purpose Enclosures





- Built for industrial and demanding environments.
- Threaded sockets on the rear of the enclosure to allow mounting feet attached without compromising the IP rating.
- 120º door opening for ease of access to internal systems.
- Conformity, Approvals:
  - CE Mark
  - Lloyds Register #06/10007 (E2)
- Region D wind rated to AS1170.2-2002: Structural design actions - Wind actions
- Manufactured from 1.2/1.5mm 316 stainless steel.
- N4 surface finish or Powdercoated X15 Orange.

Comes standard with:

- 2mm steel mounting pan powdercoated white
- Stainless steel lock with 7mm square stainless steel insert (NI020/S)
- Door rails
- Earth strap kit

ORDERING GUIDE

Part Number		Dimensions (mm)									
		External			Internal	Mounting Pan					
316 SS (N4)	X15 Orange	Height (A)	Width (B)	Depth (C)	Usable Depth (D)*	Height (E)	Width (F)	No. of Fixing Points (Suits M8 fixings)	Material Thickness (mm)	Weight (kg)	No. of Locks
NI03021/S	NI03021/SRO	300	200	150	125	250	150	4	1.2	3.9	1
NI03031/S	NI03031/SRO	300	300	150	125	250	250	4	1.2	5.3	1
NI03041/S	NI03041/SRO▲	300	400	150	125	250	350	4	1.2	6.8	1
NI04031/S	NI04031/SRO▲	400	300	150	125	350	250	4	1.2	6.7	1
NI04032/S◊	NI04032/SRO◊	400	300	200	175	350	250	4	1.2	9.0	1
NI03042/S	NI03042/SRO▲	300	400	200	175	250	350	4	1.5	9.0	1
NI04042/S◊	NI04042/SRO◊	400	400	200	175	350	350	4	1.5	11.0	1
NI05042/S◊	NI05042/SRO◊▲	500	400	200	175	450	350	4	1.5	14.0	1
NI06042/S◊	NI06042/SRO◊	600	400	200	175	550	350	4	1.5	16.0	1
NI05052/S◊	NI05052/SRO◊	500	500	200	175	450	450	4	1.5	16.0	1
NI04062/S◊	NI04062/SRO◊▲	400	600	200	175	350	550	4	1.5	16.0	1
NI06062/S◊	NI06062/SRO◊	600	600	200	175	550	550	4	1.5	22.0	1
NI08062/S◊	NI08062/SRO◊▲	800	600	200	175	750	550	6	1.5	29.0	2
NI10062/S◊	NI10062/SRO◊▲	1000	600	200	175	950	550	6	1.5	28.0	2
NI10082/S◊	NI10082/SRO◊▲	1000	800	200	175	950	750	4	1.5	45.0	2
NI04043/S◊	NI04043/SRO◊▲	400	400	300	275	350	350	4	1.5	19.0	1
NI06043/S◊	NI06043/SRO◊▲	600	400	300	275	550	350	4	1.5	19.0	1
NI04063/S◊	NI04063/SRO◊▲	400	600	300	275	350	550	4	1.5	19.0	1
NI06063/S◊	NI06063/SRO◊	600	600	300	275	550	550	4	1.5	25.0	1
NI08063/S◊	NI08063/SRO◊▲	800	600	300	275	750	550	6	1.5	32.0	2
NI10063/S◊	NI10063/SRO◊▲	1000	600	300	275	950	550	6	1.5	39.0	2
NI08083/S^	NI08083/SRO^▲	800	800	300	275	750	750	6	1.5	41.0	2
NI10083/S^	NI10083/SRO^▲	1000	800	300	275	950	750	6	1.5	49.0	2
NI12083/S^	NI12083/SRO^▲	1200	800	300	275	1150	750	8	1.5	58.0	2

* Mounting pan to inside of door
◊ Includes vertical door rails
^ Includes horizontal and vertical door rails
▲ Available on request

Gland plates and cutouts are not supplied as standard on NI stainless steel enclosures. Please contact your local sales representative to discuss your requirements

Universal NI – 316 Stainless Steel

General Purpose Enclosures

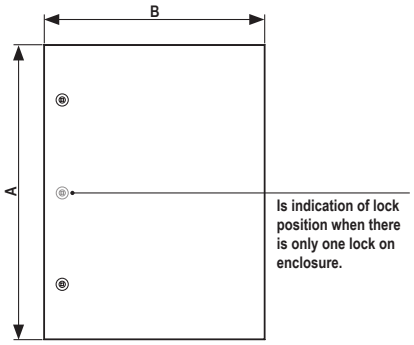
ACCESSORIES

Product	Description	Part Number	Dimensions (mm) Height	Width	Depth	NI03021/S (/SRO)	NI03031/S (/SRO)	NI03041/S (/SRO)	NI04031/S (/SRO)	NI04032/S (/SRO)	NI03042/S (/SRO)	NI04042/S (/SRO)	NI05042/S (/SRO)	NI06042/S (/SRO)	NI05052/S (/SRO)	NI04062/S (/SRO)	NI06062/S (/SRO)	NI08062/S (/SRO)	NI10062/S (/SRO)	NI10082/S (/SRO)	NI04043/S (/SRO)	NI06043/S (/SRO)	NI04063/S (/SRO)	NI06063/S (/SRO)	NI08063/S (/SRO)	NI10063/S (/SRO)	NI08083/S (/SRO)	NI10083/S (/SRO)	NI12083/S (/SRO)
Rainhoods	316 stainless steel	NIRH021/S (SRO)▲	30	200	165	•																							
		NIRH031/S (SRO)▲	30	300	165		•		•																				
		NIRH032/S (SRO)▲	30	300	215					•																			
		NIRH041/S▲ (SRO)▲	30	400	165			•																					
		NIRH042/S (SRO)▲	30	400	215						•	•	•	•															
		NIRH043/S (SRO)▲	30	400	315																•	•							
		NIRH052/S (SRO)▲	30	500	215										•														
		NIRH062/S (SRO)▲	30	600	215											•	•	•	•										
		NIRH063/S (SRO)▲	30	600	315																		•	•	•	•			
		NIRH082/S▲ (SRO)▲	30	800	215															•									
		NIRH083/S (SRO)▲	30	800	315																						•	•	•
External vent kits	316 stainless steel	IPVK/S	130	130	–	^	^	^	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		IPVK/SRO▲	130	130	–	^	^	^	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		IPVK16/S▲	260	260	–	^	^	^	^	^	^	^	^	^	^	^	^	^	^	^	•	•	•	•	•	•	•	•	•
		IPVK16/SRO▲	260	260	–	^	^	^	^	^	^	^	^	^	^	^	^	^	^	^	•	•	•	•	•	•	•	•	•
Wall mounting brackets – 316 stainless steel	Set of 4	MEB/S	–	–	–	•	•	•	•	•	•	•	•	•	•		•	•		•		•		•	•	•	•	•	•
Mounting flange kits	316 stainless steel	MF2/S▲	75	200	–	•																							
		MF3/S	75	300	–		•		•	•																			
		MF4/S	75	400	–			•			•	•	•	•							•	•							
		MF5/S▲	75	500	–										•														
		MF6/S▲	75	600	–											•	•	•	•				•	•	•	•			
		MF8/S▲	75	800	–															•							•	•	•
Mounting Pan -		NIMP0302	250	150	–	•																							
		NIMP0303	250	250	–		•																						
		NIMP0403	350	250	–				•	•																			
		NIMP0304	250	350	–			•			•																		
		NIMP0404	350	350	–							•									•								
		NIMP0504	450	350	–								•																
		NIMP0604	550	350	–									•								•							
		NIMP0505	450	450	–										•														
		NIMP0406	350	550	–											•								•					
		NIMP0606	550	550	–												•								•				
		NIMP0806	750	550	–													•								•			
		NIMP1006	950	550	–														•								•		
		NIMP0808	750	750	–																						•		
		NIMP1008	950	750	–															•								•	
		NIMP1208	1150	750	–																								•
Replacement Hinge	Kit	NI/H	–	–	–	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

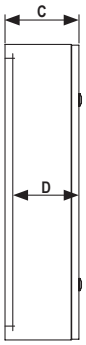
^ Fits door only

▲ Available on request

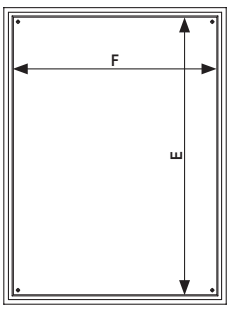
TECHNICAL DRAWINGS



Front View



Side View



Front View
(Door Removed)

Locks
To suit Forte FR and Universal NI enclosures

STANDARD LOCKS

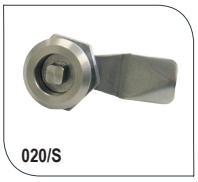
Enclosure	Steel	Stainless Steel
Universal NI	NI020 – chromed steel with 7mm square insert.	NI020/S – stainless steel lock with 7mm square stainless steel insert.

LOCK OPTIONS
There are a number of additional lock options available that are suitable for use on Universal NI enclosures. Contact your local B&R sales representative to discuss your requirements.

Product	Description	Part Number	Standard Lock/Insert	Alternative insert	Lockable handles	Keys Aluminium, 4-way
Turnbuckle	chromed steel	NI020	7mm square – steel	See below		SKZ
	powdercoated	NI020/PS	7mm square – stainless steel	See below		SKZ
	stainless steel	NI020/S	7mm square – stainless steel	See below		SKZ
		NI028/S	8mm square slotted – stainless steel	See below		SK8
Wing knob	lockable	NI030	Key code 92268		SK3	
	non-lockable	NI111	–			
T-handle	lockable	NI040	Key code 92268		SK3	
L-handle	lockable	NI050	Key code 92268		SK3	
	padlockable – steel	NI052	–			
	padlockable – stainless steel	NI052/S	–			
Dust cap	plastic	NI020/DC	to suit NI020 lock			

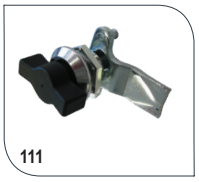

020

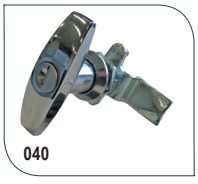

020/PS


020/S


028S/S


030


111


040


050


052


052/S


NI020/DC

LOCK INSERTS FOR NI020 LOCKS
The NI020 locks are available with an optional lock insert. Contact your local B&R sales representative to discuss your requirements.

To suit lock style	Description	To suit lock	3mm double bit pin: Steel	3mm double bit pin: Stainless Steel	8mm square: Steel	8mm square: Stainless Steel	Stainless Steel	8mm triangle: Steel	8mm triangle: Stainless Steel
Turnbuckle	chromed steel	NI020	LKINS3P		LKINS8S		LKINS8SS/S	LKIN8T	
	powdercoated with SS insert	NI020/PS		LKINS3P/S		LKINS8S/S	LKINS8SS/S		LKINS8T/S
	stainless steel	NI020/S		LKINS3P/S		LKINS8S/S	LKINS8SS/S		LKINS8T/S
Key required – zinc			SKZ	SKZ	SK8	SK8	SK8	SKZ	SKZ