



**B&R Enclosures**

**Universal NI Viewing Window – 316 Stainless Steel**

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# Universal NI Viewing Window – 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.
- 120° door opening for ease of access to internal systems.
- Region D wind rated to AS1170.2-2002: Structural design actions – Wind actions.
- Conformity, Approvals:
  - CE Mark
  - Lloyds Register #06/10007 (E2)
- Manufactured from 1.5mm thick 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
- Glass Viewing Window - 5.4mm thickness



## ORDERING GUIDE

Dimensions (mm)

| Part Number   | External        |           |           | Internal          | Mounting Pan |           | Viewing Window |       |     |
|---------------|-----------------|-----------|-----------|-------------------|--------------|-----------|----------------|-------|-----|
|               | Height (A)      | Width (B) | Depth (C) | Usable Depth (D)* | Height (E)   | Width (F) | Height         | Width |     |
| Standard      | X15 Orange      |           |           |                   |              |           |                |       |     |
| NI04042/S/WG■ | NI04042/SRO/WG■ | 400       | 400       | 200               | 175          | 350       | 350            | 185   | 185 |
| NI05042/S/WG■ | NI05042/SRO/WG■ | 500       | 400       | 200               | 175          | 450       | 350            | 278   | 185 |
| NI06042/S/WG■ | NI06042/SRO/WG■ | 600       | 400       | 200               | 175          | 550       | 350            | 378   | 185 |
| NI05052/S/WG■ | NI05052/SRO/WG■ | 500       | 500       | 200               | 175          | 450       | 450            | 278   | 273 |
| NI04062/S/WG■ | NI04062/SRO/WG■ | 400       | 600       | 200               | 175          | 350       | 550            | 185   | 373 |
| NI06062/S/WG■ | NI06062/SRO/WG■ | 600       | 600       | 200               | 175          | 550       | 550            | 378   | 373 |
| NI08062/S/WG■ | NI08062/SRO/WG■ | 800       | 600       | 200               | 175          | 750       | 550            | 578   | 373 |
| NI10062/S/WG■ | NI10062/SRO/WG■ | 1000      | 600       | 200               | 175          | 950       | 550            | 778   | 373 |
| NI10082/S/WG■ | NI10082/SRO/WG■ | 1000      | 800       | 200               | 175          | 950       | 750            | 778   | 573 |
| NI04043/S/WG■ | NI04043/SRO/WG■ | 400       | 400       | 300               | 275          | 350       | 350            | 185   | 185 |
| NI06043/S/WG■ | NI06043/SRO/WG■ | 600       | 400       | 300               | 275          | 550       | 350            | 378   | 185 |
| NI04063/S/WG■ | NI04063/SRO/WG■ | 400       | 600       | 300               | 275          | 350       | 550            | 185   | 373 |
| NI06063/S/WG■ | NI06063/SRO/WG■ | 600       | 600       | 300               | 275          | 550       | 550            | 378   | 373 |
| NI08063/S/WG■ | NI08063/SRO/WG■ | 800       | 600       | 300               | 275          | 750       | 550            | 578   | 373 |
| NI10063/S/WG■ | NI10063/SRO/WG■ | 1000      | 600       | 300               | 275          | 950       | 550            | 778   | 373 |
| NI08083/S/WG^ | NI08083/SRO/WG^ | 800       | 800       | 300               | 275          | 750       | 750            | 578   | 573 |
| NI10083/S/WG^ | NI10083/SRO/WG^ | 1000      | 800       | 300               | 275          | 950       | 750            | 778   | 573 |
| NI12083/S/WG^ | NI12083/SRO/WG^ | 1200      | 800       | 300               | 275          | 1150      | 750            | 978   | 573 |

\* Mounting pan to inside of door

■ Includes vertical door rails

^ Includes horizontal and vertical door rails

Products in this range are manufactured on receipt of order.

Images show the window shape on the smallest size enclosures. Window corner radius is 100mm on all sizes of enclosures.




# Universal NI Viewing Window – 316 Stainless Steel

General Purpose Enclosures



## ACCESSORIES

| Product                                      | Description         | Part Number      | Dimensions (mm) |       |       |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |   |   |
|--|---------------------|------------------|-----------------|-------|-------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---|---|
|  |                     |                  | Height          | Width | Depth | NI04042/SWG (/SRO) | NI05042/SWG (/SRO) | NI06042/SWG (/SRO) | NI05052/SWG (/SRO) | NI04062/SWG (/SRO) | NI06062/SWG (/SRO) | NI10062/SWG (/SRO) | NI10082/SWG (/SRO) | NI04043/SWG (/SRO) | NI06043/SWG (/SRO) | NI04063/SWG (/SRO) | NI06063/SWG (/SRO) | NI10063/SWG (/SRO) | NI08083/SWG (/SRO) | NI10083/SWG (/SRO) | NI12083/SWG (/SRO) |   |   |
|  |                     | NIRH042/S (/SRO) | 30              | 400   | 214   | •                  | •                  | •                  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |   |   |
|  |                     | NIRH043/S (/SRO) | 30              | 400   | 314   |                    |                    |                    |                    |                    |                    |                    | •                  | •                  |                    |                    |                    |                    |                    |                    |                    |   |   |
|  |                     | NIRH052/S (/SRO) | 30              | 500   | 214   |                    |                    | •                  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |   |   |
|  |                     | NIRH062/S (/SRO) | 30              | 600   | 214   |                    |                    |                    | •                  | •                  | •                  | •                  |                    |                    |                    |                    |                    |                    |                    |                    |                    |   |   |
|  |                     | NIRH063/S (/SRO) | 30              | 600   | 314   |                    |                    |                    |                    |                    |                    |                    |                    |                    | •                  | •                  | •                  | •                  |                    |                    |                    |   |   |
|  |                     | NIRH082/S (/SRO) | 30              | 800   | 214   |                    |                    |                    |                    |                    |                    |                    | •                  |                    |                    |                    |                    |                    |                    |                    |                    |   |   |
|  |                     | NIRH083/S (/SRO) | 30              | 800   | 314   |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    | •                  | •                  | • |   |
| 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   | –     |                    |                    |                    |                    |                    |                    |                    |                    | •                  |                    |                    |                    |                    |                    |                    | •                  | • | • |
|  |                     | 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             | –               | –     | –     | •                  | •                  | •                  | •                  | •                  | •                  | •                  | •                  | •                  | •                  | •                  | •                  | •                  | •                  | •                  | •                  | • |   |

 See Page 3 for a range of lock options available for the Universal NI range.

# Locks

To suit Forte FR and Universal NI enclosures



## Standard Locks

| Enclosure    |  |  |
|--------------|---|---|
| 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 Forte FR and Universal NI enclosures. Contact your local B&R sales representative to discuss your requirements.

| Product    | Description                   | Part Number | Standard Lock/Insert                 | Alternative insert | Keys             |                |                  |
|------------|-------------------------------|-------------|--------------------------------------|--------------------|------------------|----------------|------------------|
|            |                               |             |                                      |                    | Lockable handles | Plastic, 3-way | Aluminium, 4-way |
| Turnbuckle | chromed steel                 | NI020       | 7mm square – steel                   | See below          |                  | SKU            | SKZ              |
|            | powdercoated                  | NI020/PS    | 7mm square – stainless steel         | See below          |                  | SKU            | SKZ              |
|            | stainless steel               | NI020/S     | 7mm square – stainless steel         | See below          |                  | SKU            | 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                   |                    |                  |                |                  |



## 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 | Standard Insert              | 3mm double bit pin |                 | 8mm square |                 | 8mm triangle    |           |
|---------------------|-----------------------------|--------------|------------------------------|--------------------|-----------------|------------|-----------------|-----------------|-----------|
|                     |                             |              |                              | Steel              | Stainless Steel | Steel      | Stainless Steel | Stainless Steel | Steel     |
| Turnbuckle          | chromed steel               | NI020        | 7mm square – steel           | LKINS3P            |                 | LKINS8S    |                 | LKINS8SS/S      | LKIN8T    |
|                     | powdercoated with SS insert | NI020/PS     | 7mm square – stainless steel |                    | LKINS3P/S       |            | LKINS8S/S       | LKINS8SS/S      | LKINS8T/S |
|                     | stainless steel             | NI020/S      | 7mm square – stainless steel |                    | LKINS3P/S       |            | LKINS8S/S       | LKINS8SS/S      | LKINS8T/S |
| Key required – zinc |                             |              | SKZ                          | SKZ                | SKZ             | SKZ        | SKZ             | SKZ             | SKZ       |

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