



**B&R Enclosures**  
**PILBARA SP**  
Zinc Coated Steel & 316 Stainless Steel

[brenclosures.com.au](http://brenclosures.com.au)

# Pilbara SP – Zinc Coated Steel

## Mining and Industrial Enclosures



- Designed in sizes suitable for the most common mining, mineral processing and infrastructure projects.
- Typically used in local control stations, mini control consoles or motor isolation control stations.
- 30° sloping roof to prevent build up of water and solids.
- Lifting lugs conform to AS4991: *Lifting Devices*.
- One (1) tonne SWL on each lifting lug (excluding SP040425).
- Region D wind rated to AS1170.2-2002: Structural design actions – Wind actions.
- Easy installation with top and bottom mounting flanges.
- Conformity, Approvals:  
Lloyds Register #06/10007 (E2)
- Manufactured from 1.5mm or 2mm zinc coated steel.
- Powdercoated X15 Orange.

Comes standard with:

- 2mm steel mounting pan powdercoated white
- Chrome steel padlockable swing handle with LockSock®
- 3-point locking (excluding SP040425 range)
- 6mm aluminium gland plate
- Lifting lugs (excluding SP040425 range)

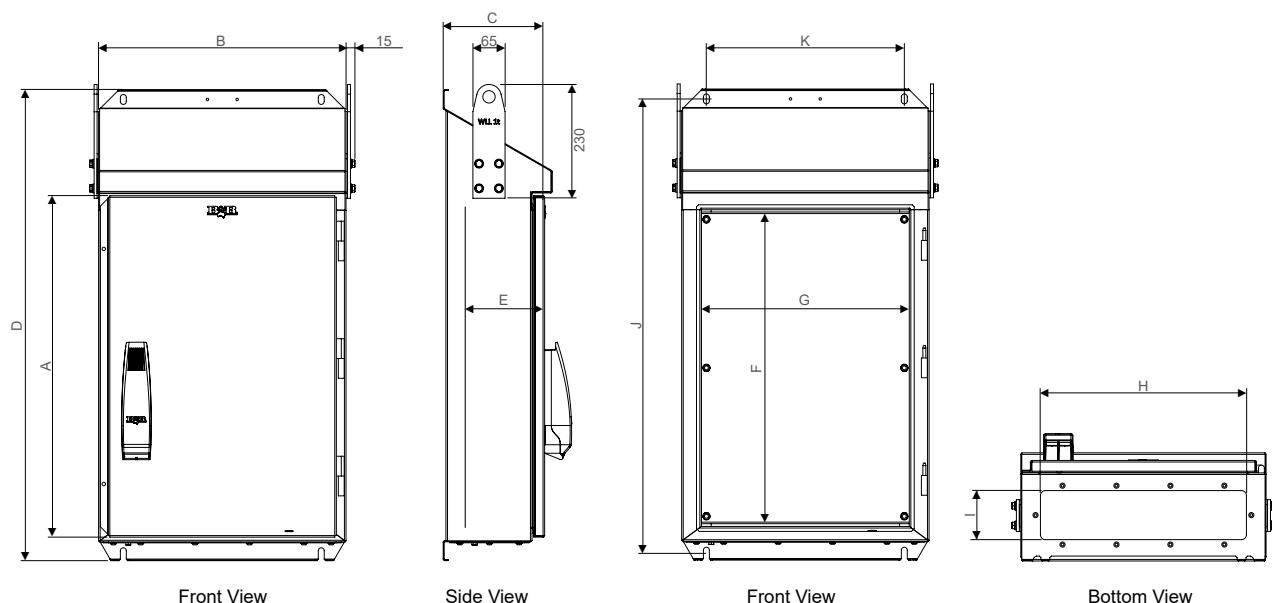


## ORDERING GUIDE

| Part Number | Dimensions (mm) |           |           |                  |                   |              |           |               |           |                  |           | Weight (kg) |
|-------------|-----------------|-----------|-----------|------------------|-------------------|--------------|-----------|---------------|-----------|------------------|-----------|-------------|
|             | External        |           |           |                  | Internal          | Mounting Pan |           | Gland Opening |           | Mounting Centres |           |             |
|             | Height (A)      | Width (B) | Depth (C) | Total Height (D) | Usable Depth (E)* | Height (F)   | Width (G) | Width (H)     | Depth (I) | Height (J)       | Width (K) |             |
| SP070522    | 700             | 500       | 200       | 952              | 153               | 630          | 430       | 420           | 100       | 920              | 400       | 39.0        |
| SP100822    | 1000            | 800       | 200       | 1250             | 153               | 930          | 730       | 720           | 100       | 1218             | 700       | 52.0        |
| SP040425    | 400             | 400       | 250       | 679              | 203               | 330          | 330       | 320           | 140       | 641              | 300       | 25.0        |
| SP070535    | 700             | 500       | 350       | 1037             | 303               | 630          | 430       | 420           | 240       | 1005             | 400       | 47.0        |
| SP100840    | 1000            | 800       | 400       | 1365             | 353               | 930          | 730       | 640           | 210       | 1334             | 600       | 75.0        |

\* Mounting pan to inside of door

## TECHNICAL DRAWINGS



### ACCESSORIES

| Product             | Description                                          | Part Number | Dimensions (mm) |       |       | SP070522 | SP100822 | SP040425 | SP070535 | SP100840 |
|---------------------|------------------------------------------------------|-------------|-----------------|-------|-------|----------|----------|----------|----------|----------|
|                     |                                                      |             | Height          | Width | Depth |          |          |          |          |          |
| Hinged escutcheon   |                                                      | SPHE0404    | 325             | 320   | 18    |          |          | •        |          |          |
|                     |                                                      | SPHE0705    | 625             | 420   | 18    | •        |          |          | •        |          |
|                     |                                                      | SPHE1008    | 925             | 720   | 18    |          | •        |          |          | •        |
| Gland plate         | Brass                                                | SPGB32/6    | 380             | 200   | 6     |          |          | •        |          |          |
|                     |                                                      | SPGB41/6    | 480             | 160   | 6     | •        |          |          |          |          |
|                     |                                                      | SPGB43/6    | 480             | 300   | 6     |          |          |          | •        |          |
|                     |                                                      | SPGB71/6    | 780             | 160   | 6     |          | •        |          |          |          |
|                     |                                                      | SPGB72/6    | 700             | 270   | 6     |          |          |          |          | •        |
|                     | Aluminium                                            | SPGA32/6    | 380             | 200   | 6     |          |          | •        |          |          |
|                     |                                                      | SPGA41/6    | 480             | 160   | 6     | •        |          |          |          |          |
|                     |                                                      | SPGA43/6    | 480             | 300   | 6     |          |          |          | •        |          |
|                     |                                                      | SPGA71/6    | 780             | 160   | 6     |          | •        |          |          |          |
|                     |                                                      | SPGA72/6    | 700             | 270   | 6     |          |          |          |          | •        |
| Pintle hinge        | 316 stainless steel                                  | SP/H/S      | –               | –     | –     | •        | •        | •        | •        | •        |
| Retro-fit sunshades | Zinc coated steel (2mm)<br>– powdercoated X15 Orange | SPSK040425* | 400             | 400   | 270   |          |          | •        |          |          |
|                     |                                                      | SPSK070522  | 700             | 500   | 220   | •        |          |          |          |          |
|                     |                                                      | SPSK070535  | 700             | 500   | 370   |          |          |          | •        |          |
|                     |                                                      | SPSK100822  | 1000            | 800   | 220   |          | •        |          |          |          |
|                     |                                                      | SPSK100840  | 1000            | 800   | 400   |          |          |          |          | •        |
| LED light kit       | 12V                                                  | BRLED300    | –               | 300   | –     | •        |          | •        | •        |          |
|                     |                                                      | BRLED500    | –               | 500   | –     |          | •        |          |          |          |
|                     | 24V                                                  | BRLED300/24 | –               | 300   | –     | •        |          | •        | •        |          |
|                     |                                                      | BRLED500/24 | –               | 500   | –     |          |          |          |          | •        |
| Light mounting kit  | To suit LED light kits                               | IPLKB04^    | –               | –     | –     |          |          | •        |          |          |
|                     |                                                      | SPLKB05^    | –               | –     | –     | •        |          |          | •        |          |
|                     |                                                      | IPLKB08^    | –               | –     | –     |          | •        |          |          | •        |

\* Does not come with a front sunshade.

^ Light not included, purchased seperately



#### DID YOU KNOW?

Retrofitted sunshades provide extra protection against rising temperatures inside an enclosure.

# Pilbara SP – 316 Stainless Steel

## Mining and Industrial Enclosures



- Designed in sizes suitable for the most common mining, mineral processing and infrastructure projects.
- Typically used in local control stations, mini control consoles or motor isolation control stations.
- 30° sloping roof to prevent build up of water and solids.
- Lifting lugs conform to AS4991:Lifting Devices.
- One (1) tonne SWL on each lifting lug (excluding SP040425).
- Region D wind rated to AS1170.2-2002: Structural design actions – Wind actions.
- Easy installation with top and bottom mounting flanges.
- Conformity, Approvals:  
Lloyds Register #06/10007 (E2)
- Manufactured from 1.5mm 316 stainless steel.
- N4 surface finish or powdercoated X15 orange.

Comes standard with:

- 2mm steel mounting pan powdercoated white
- Stainless steel padlockable swing handle with LockSock®
- 3-point locking (excluding SP040425 range)
- 2mm stainless steel gland plate
- Lifting lugs (excluding SP040425 range)

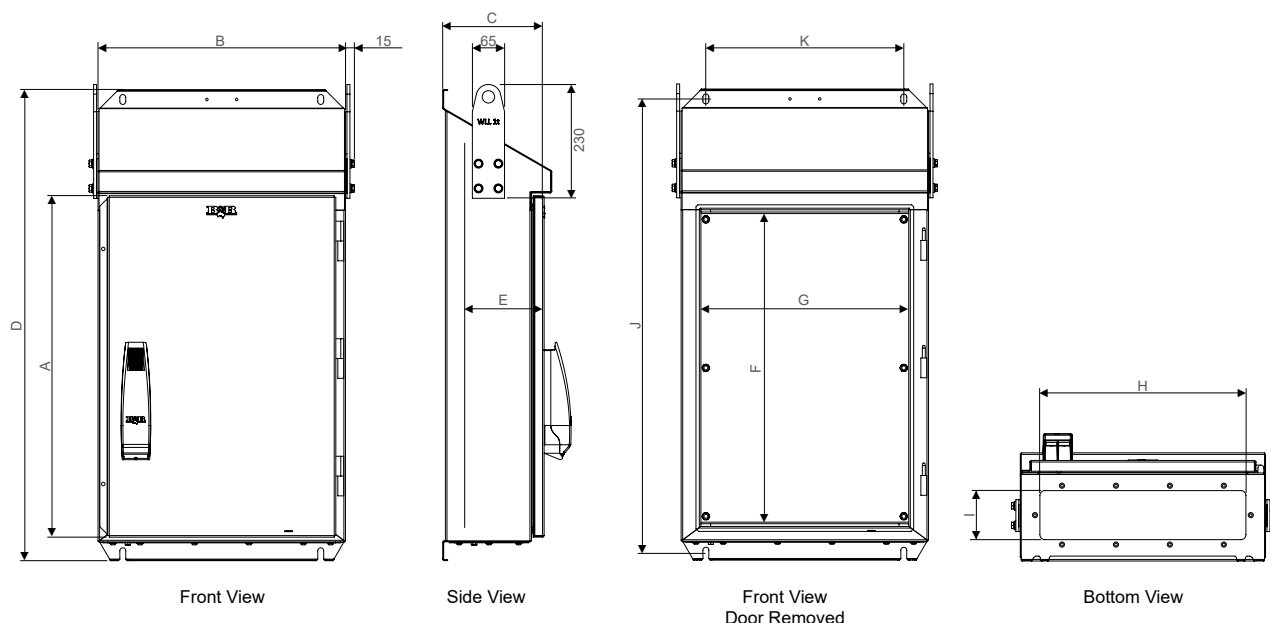


## ORDERING GUIDE

|             |              | Dimensions (mm) |           |           |                  |                   |               |           |                  |           |            |           |             |
|-------------|--------------|-----------------|-----------|-----------|------------------|-------------------|---------------|-----------|------------------|-----------|------------|-----------|-------------|
| Part Number |              | External        |           |           | Internal         | Mounting Pan      | Gland Opening |           | Mounting Centres |           |            |           |             |
|             |              | Height (A)      | Width (B) | Depth (C) | Total Height (D) | Usable Depth (E)* | Height (F)    | Width (G) | Width (H)        | Depth (I) | Height (J) | Width (K) | Weight (kg) |
| 316SS (N4)  | X15 Orange   |                 |           |           |                  |                   |               |           |                  |           |            |           |             |
| SP070522/S  | SP070522/SRO | 700             | 500       | 200       | 952              | 153               | 630           | 430       | 420              | 100       | 920        | 400       | 39.0        |
| SP100822/S  | SP100822/SRO | 1000            | 800       | 200       | 1250             | 153               | 930           | 730       | 720              | 100       | 1218       | 700       | 52.0        |
| SP040425/S  | SP040425/SRO | 400             | 400       | 250       | 679              | 203               | 330           | 330       | 320              | 140       | 641        | 300       | 25.0        |
| SP070535/S  | SP070535/SRO | 700             | 500       | 350       | 1037             | 303               | 630           | 430       | 420              | 240       | 1005       | 400       | 47.0        |
| SP100840/S  | SP100840/SRO | 1000            | 800       | 400       | 1365             | 353               | 930           | 730       | 640              | 210       | 1334       | 600       | 75.0        |

\* Mounting pan to inside of door

## TECHNICAL DRAWINGS



## ACCESSORIES

| Product              | Description                                       | Part Number     | Dimensions (mm) |       |       | SP070522/S | SP100822/S | SP040425/S | SP070535/S | SP100840/S |
|----------------------|---------------------------------------------------|-----------------|-----------------|-------|-------|------------|------------|------------|------------|------------|
|                      |                                                   |                 | Height          | Width | Depth |            |            |            |            |            |
| Hinged escutcheon    |                                                   | SPHE0404        | 400             | 400   | –     |            |            | •          |            |            |
|                      |                                                   | SPHE0705        | 700             | 500   | –     | •          |            |            | •          |            |
|                      |                                                   | SPHE1008        | 1000            | 800   | –     |            | •          |            |            | •          |
| Gland plate          | Brass                                             | SPGB32/6        | 380             | 200   | 6     |            |            | •          |            |            |
|                      |                                                   | SPGB41/6        | 480             | 160   | 6     | •          |            |            |            |            |
|                      |                                                   | SPGB43/6        | 480             | 300   | 6     |            |            |            | •          |            |
|                      |                                                   | SPGB71/6        | 780             | 160   | 6     |            | •          |            |            |            |
|                      |                                                   | SPGB72/6        | 780             | 200   | 6     |            |            |            |            | •          |
|                      |                                                   | SPGA32/6        | 380             | 200   | 6     |            |            | •          |            |            |
|                      | Aluminium                                         | SPGA41/6        | 480             | 160   | 6     | •          |            |            |            |            |
|                      |                                                   | SPGA43/6        | 480             | 300   | 6     |            |            |            | •          |            |
|                      |                                                   | SPGA71/6        | 780             | 160   | 6     |            | •          |            |            |            |
|                      |                                                   | SPGA72/6        | 780             | 200   | 6     |            |            |            |            | •          |
| Pintle hinge         | 316 stainless steel                               | SP/H/S          | –               | –     | –     | •          | •          | •          | •          | •          |
| Retro-fit sunshades* | 316 stainless steel (1.5mm)<br>- N4 finish        | SPSK040425/S*   | 400             | 400   | 270   |            |            | •          |            |            |
|                      |                                                   | SPSK070522/S    | 700             | 500   | 220   | •          |            |            |            |            |
|                      |                                                   | SPSK070535/S    | 700             | 500   | 370   |            |            |            | •          |            |
|                      |                                                   | SPSK100822/S    | 1000            | 800   | 220   |            | •          |            |            |            |
|                      |                                                   | SPSK100840/S    | 1000            | 800   | 400   |            |            |            |            | •          |
|                      | 316 stainless steel (1.5mm)<br>– X15 powdercoated | SPSK040425/SRO* | 400             | 400   | 270   |            |            | •          |            |            |
|                      |                                                   | SPSK070522/SRO  | 700             | 500   | 220   | •          |            |            |            |            |
|                      |                                                   | SPSK070535/SRO  | 700             | 500   | 370   |            |            |            | •          |            |
|                      |                                                   | SPSK100822/SRO  | 1000            | 800   | 220   |            | •          |            |            |            |
|                      |                                                   | SPSK100840/SRO  | 1000            | 800   | 400   |            |            |            |            | •          |
| LED light kit        | 12V                                               | BRLED300        | –               | 300   | –     | •          |            | •          | •          |            |
|                      |                                                   | BRLED500        | –               | 500   | –     |            | •          |            |            |            |
|                      | 24V                                               | BRLED300/24     | –               | 300   | –     | •          |            | •          | •          |            |
|                      |                                                   | BRLED500/24     | –               | 500   | –     |            |            |            |            | •          |
| Light mounting kit   | To suit LED light kits                            | IPLKB04^        | –               | –     | –     |            |            | •          |            |            |
|                      |                                                   | SPLKB05^        | –               | –     | –     | •          |            |            | •          |            |
|                      |                                                   | IPLKB08^        | –               | –     | –     |            | •          |            |            | •          |

\* Does not come with a front sunshade.

^ Light not included, purchased separately

# Enclosure LED Lighting

Our LED lighting solutions provide light inside an enclosure when visibility is required for both safety and efficiency.

High output, small form factor LED lighting. Up to 4 units can be daisy chained from the one power supply. Allows for the opening of full height swing frames or hinged escutcheons when fitted to the roof. The optional PIR movement sensor can be used for power efficiency as an automatic door switch. All light kits can be mounted directly onto 19" rack rails. In the absence of 19" rack rails a mounting kit is available to suit the enclosure size.

B&R's LED lighting solutions are applied to provide excess light within an enclosure and becomes a continuous light source to provide extra visibility.

- Energy saving up to 50% compared with traditional fluorescents under the same lux.
- Life span – over 50,000 hours
- Available in cool white, neutral white and warm white colour temperatures.
- Available in 12V and 24V options.
- Easy linking up to 36 watts per run.
- Easy to install.
- Low voltage — safe and efficient.
- Manufactured from aluminium with black plastic end caps and acrylic lens.
- Light source – SM3528 LED
- Operating temperature – -20°C to 40°C indoors



This information is provided as a guide only. Contact your local sales representative to discuss your requirements.

## Technical Operating Data

| Length (mm) | Voltage (DC) | Power (W) | Radiance | Colour Temp | Luminous Flux (lm)* | LED Current (A) |
|-------------|--------------|-----------|----------|-------------|---------------------|-----------------|
| 300         | 12/24        | 3         | 90°      | 4400        | 280/360             | 0.18            |
| 500         | 12/24        | 5         | 90°      | 4400        | 460/600             | 0.18            |

## Universal Double Door

| Part Number | Power (V) | Inclusions |              |          | Required Mounting Bracket |            | To suit enclosure |         | Optional |
|-------------|-----------|------------|--------------|----------|---------------------------|------------|-------------------|---------|----------|
|             |           | LED Light  | Power Supply | Splitter | Switch                    | Connectors | DDLKB10           | DDLKB12 |          |
| BRLED500    | 12        | •          | •            |          | •                         |            | •                 |         | 1000     |
| BRLED500/24 | 24        | •          | •            |          | •                         |            |                   | •       | 1200     |

# Locks

Locks to suit special purpose enclosures



## Standard Locks



| Enclosure            |                                                    |                                                                                |
|----------------------|----------------------------------------------------|--------------------------------------------------------------------------------|
| Universal DD ≤1600mm | DD020 – chromed steel with 7mm square steel insert | DD020/PS – black powdercoated lock with 7mm square stainless steel insert      |
| Universal DD +1600mm | DD050 – lockable L handle keyed 92268              | DD050 – lockable L handle keyed 92268                                          |
| Incline SR           | –                                                  | NI020/S – stainless steel lock with 7mm square stainless steel insert          |
| Hedland PH           | –                                                  | NI020/S – stainless steel lock with 7mm square stainless steel insert          |
| Finucane FI          | –                                                  | NI020/S – stainless steel lock with 7mm square stainless steel insert          |
| Bowen Series         | –                                                  | NI028S/S – stainless steel lock with 8mm square slotted stainless steel insert |
| Pilbara SP           | SP/LCK – chromed steel padlockable swing handle    | SP/LCK/S – stainless steel padlockable swing handle                            |
| Lambert LB           | –                                                  | SP/LCK/S – stainless steel padlockable swing handle                            |
| Miner ME             | NI020 – chromed steel with 7mm square steel insert | –                                                                              |

## Lock Options for Special Purpose Enclosures

There are a number of lock options available that are suitable for use on special purpose enclosures. Contact your local sales representative to discuss your requirements.

| Product      | Description                   | Part Number | Standard Lock/Insert                 | Alternative insert | Key              |                  |
|--------------|-------------------------------|-------------|--------------------------------------|--------------------|------------------|------------------|
|              |                               |             |                                      |                    | Lockable handles | Aluminium, 4-way |
| Turnbuckle   | chromed steel                 | NI020       | 7mm square – steel                   | See page 5         |                  | SKZ              |
|              |                               | DD020       | 7mm square – steel                   | See page 5         |                  | SKZ              |
|              | powdercoated                  | NI020/PS    | 7mm square – stainless steel         | See page 5         |                  | SKZ              |
|              |                               | DD020/PS    | 7mm square – stainless steel         | See page 5         |                  | SKZ              |
|              | stainless steel               | NI020/S     | 7mm square – stainless steel         | See page 5         |                  | SKZ              |
|              |                               | NI028S/S    | 8mm square slotted – stainless steel | See page 5         |                  |                  |
| Wing knob    | lockable                      | NI030       | Key code 92268                       |                    | SK3              |                  |
|              |                               | DD030       | Key code 92268                       |                    | SK3              |                  |
|              | non-lockable                  | NI111       | –                                    |                    |                  |                  |
|              |                               | DD111       | –                                    |                    |                  |                  |
| T-handle     | lockable                      | NI040       | Key code 92268                       |                    | SK3              |                  |
|              |                               | DD040       | Key code 92268                       |                    | SK3              |                  |
| L-handle     | lockable                      | NI050       | Key code 92268                       |                    | SK3              |                  |
|              |                               | DD050       | Key code 92268                       |                    | SK3              |                  |
|              | padlockable – steel           | NI052       | –                                    |                    |                  |                  |
|              |                               | DD052       | –                                    |                    |                  |                  |
|              | padlockable – stainless steel | NI052/S     | –                                    |                    |                  |                  |
|              |                               | DD052/S     | –                                    |                    |                  |                  |
| Swing handle | padlockable – steel           | SP/LCK      | –                                    |                    |                  |                  |
|              | padlockable – stainless steel | SP/LCK/S    | –                                    |                    |                  |                  |
| LockSock®    | plastic                       | SP/LCK/DC   | To suit SP/LCK                       |                    |                  |                  |
| Dust cap     | plastic                       | NI020/DC    | To suit NI020 lock                   |                    |                  |                  |



# Locks

Locks to suit special purpose enclosures



## Lock Inserts for Locks

The NI020 locks are available with an option lock insert for use on all special purpose enclosures. Contact your local sales engineer to discuss your requirements.

|                          |                             |                      |                              | 3mm double bit pin |                 | 8mm square |                 | 8mm square slotted |           | 8mm triangle    |  |
|--------------------------|-----------------------------|----------------------|------------------------------|--------------------|-----------------|------------|-----------------|--------------------|-----------|-----------------|--|
| To suit lock style       | Description                 | To suit lock         | Standard Insert              | Steel              | Stainless Steel | Steel      | Stainless Steel | Stainless Steel    | Steel     | Stainless Steel |  |
| Turnbuckle               | chromed steel               | NI020 or DD020       | 7mm square – steel           | LKINS3P            |                 | LKINS8S    |                 | LKINS8SS/S         | LKIN8T    |                 |  |
|                          | powdercoated with SS insert | NI020/PS or DD020/PS | 7mm square – stainless steel | LKINS3P/S          |                 | LKINS8S/S  |                 | LKINS8SS/S         | LKINS8T/S |                 |  |
|                          | stainless steel             | NI020/S or DD020/PS  | 7mm square – stainless steel | LKINS3P/S          |                 | LKINS8S/S  |                 | LKINS8SS/S         | LKINS8T/S |                 |  |
| Key required – aluminium |                             |                      | SKZ                          | SKZ                | SKZ             | SK8        | SK8             | SK8                | SKZ       | SKZ             |  |



## AUSTRALIA

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### TASMANIA Distribution

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## NEW ZEALAND

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## CHINA

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