

# **SPRING HYDRANT**

PVC, GRP, DUCTILE IRON & STEEL PIPELINE SYSTEMS



Clover spring hydrants comply with AS/NZS 3952 for potable and non-potable water applications.

### Features

- > High strength and impact resistant body and yoke manufactured from ductile iron.
- > Thermally bonded polymeric coating for long life corrosion protection.
- > Isolated stainless steel fasteners for corrosion protection.
- > Light weight environmentally friendly design for safe and simple installation.
- > Hydrostatically factory tested to guarantee field performance.

## **Applications**

Clover spring hydrants are for use in above and below ground potable and non potable water applications. The valve provides access to a pipeline via a standpipe for fire fighting, flushing and scouring purposes.

## **Technical Data**

| Size Ranae:                   | DN80 - DN100             |
|-------------------------------|--------------------------|
| Allowable Operatina Pressure: | 1600kPa                  |
| Maximum Temperature:          | 40 °                     |
| Connections:                  | AS4087 Fig B5            |
| Certifications:               | AS/NZS 3952              |
|                               | AS/NZS 4020              |
|                               | Product License OMK22026 |

WSAA Appraisal PA11/28

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### Components

| ltem | Part Name     | Material                                   |  |  |  |  |
|------|---------------|--------------------------------------------|--|--|--|--|
| 1    | Body          | Ductile Iron AS1831 Fusion Coat AS/NZS4158 |  |  |  |  |
| 2    | Dome          | Copper Alloy DR AS1568                     |  |  |  |  |
| 3    | Spring        | Stainless Steel ASTM A276                  |  |  |  |  |
| 4    | Seat Gasket   | EPDM AS1646                                |  |  |  |  |
| 5    | Yoke          | Ductile Iron AS1831Fusion Coat AS/NZS4158  |  |  |  |  |
| 6    | Washer        | Stainless Steel ASTM A276                  |  |  |  |  |
| 7    | Hex Nut       | Stainless Steel ASTM A276                  |  |  |  |  |
| 8    | Bolt          | Stainless Steel ASTM A276                  |  |  |  |  |
| 9    | Dust Cover    | PVC                                        |  |  |  |  |
| 10   | Support Ring* | Stainless Steel ASTM A276                  |  |  |  |  |
| <br> |               |                                            |  |  |  |  |

\* Removable support ring Swab hydrant only

## **Standard Hydrant**

| DN  | Н   | L   | u   | Ν    | PCD | KG | Potable | Recycled |
|-----|-----|-----|-----|------|-----|----|---------|----------|
| 80  | 264 | 143 | 216 | 4X18 | 146 | 11 | VH080   | VH080L   |
| 100 | 264 | 166 | 216 | 4X18 | 178 | 13 | VH100   | VH100L   |

### Swab Hydrant

| DN  | Н   | L   | u   | Ν    | PCD | KG | Potable | Recycled |
|-----|-----|-----|-----|------|-----|----|---------|----------|
| 80  | 264 | 143 | 216 | 4X18 | 146 | 11 | VH080S  | VH080SL  |
| 100 | 264 | 166 | 216 | 4X18 | 178 | 13 | VH100S  | VH100SL  |

All fasteners supplied as M16. All dimensions are quoted in millimetres. Contact Clover for information on additional products not shown on this data sheet.

The products shown form part of Clover's continuous improvement program and as such the product designs, specifications and materials may change without notice.

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