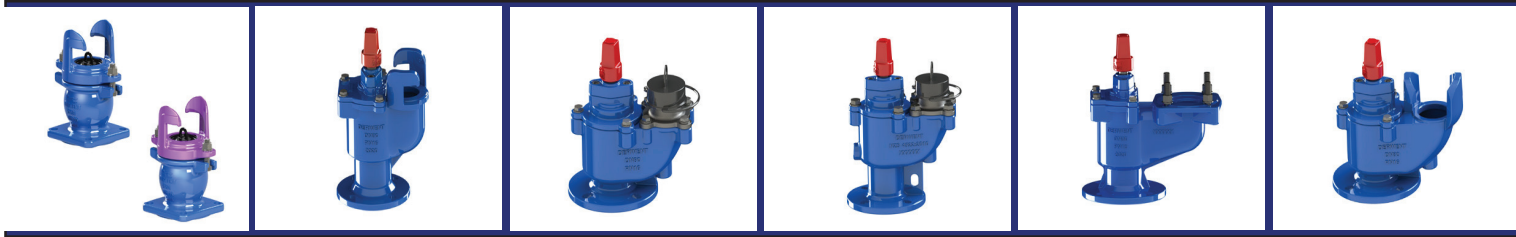


DERWENT INDUSTRIES



HYDRANTS

Who We Are ...

Derwent Industries - Manufacturing for Industry



Derwent Industries is a 100% Australian owned and operated business and prides itself on providing its customers with products, service and solutions to meet their expectations.

The company is committed to a strong business relationship, which provides our customers with leading edge product, underpinned by our commitment to consistency, efficiency and innovation. We maintain a sales team who are located around Australia, who regularly visit our clients and discuss product performance, improvements and satisfaction.

Derwent is extremely proud of our well-trained and loyal workforce who are the cornerstone of our continued success.

Clamps & Couplings - History

Derwent Clamps™ and Derwent Couplings™ have been added into the Derwent range with a new manufacturing facility being established in Wodonga - North East Victoria. The 316 Stainless Steel Clamps and Couplings trade under the Kawandah logo and have been developed for the Australian and export markets.

The range of Australian Made products produced in Wodonga includes, 316 SS Repair Clamps, Tapped Clamps, Sewer OB Junctions, Flanged Offtakes & Variable Couplings.

Derwent's facility in Wodonga prides itself on providing solutions for its customers and being able to provide fast turnaround for emergency repairs.

Derwent Foundry (Est. 1840)

Derwent Foundry™ was originally established in Hobart in 1840, though in the mid 1900's the name was changed to Montpellier Foundry. Montpellier was then purchased in the mid 1980's by Rex Garner and was re-established as Derwent Foundry®.

The Tasmanian Foundry was purchased by the Evans family in 1997 and since then has been upgraded and modernised on a continuing basis.

Bendigo Foundry

The Bendigo facility formerly Keech Castings currently produces a range of ground engaging tools, tillage implements, rolling stock components and custom casting products which are manufactured to Australian and ISO 9001 quality standards. Our products are supported by sales offices across Australia and are staffed by experienced field engineers. The facility also has a network of distributors in Australia and around the world to support our products. Our employees are proud of their role in developing, manufacturing and marketing a diverse range of high-integrity steel castings.



Mackay Australia

Mackay was acquired by the Derwent Group in March 2023, Mackay commenced operations in 1932 as a small but efficient supplier of OEM automotive parts, since this time Mackay has grown to become Australia's largest and most trusted designer, manufacturer, and distributor of a diverse range of engineered rubber and rubber composite products. The Mackay products service the Automotive, Defence, Transport, Rail, Marine, Mining, Construction, and Industrial markets globally.



New Zealand

Derwent Industries NZ Ltd commenced operation in 2019, with CNC capability and warehousing in Auckland, adding to Derwent's existing Australian footprint.

Mission Statement

To provide our customers with the highest quality product and professional service at all times whilst maintaining wherever possible Australian Made in our product offering.

Derwent Industries - Hydrants...

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Spring Hydrants - Standard

Spring Hydrants

Derwent Industries Spring Hydrants are manufactured to AS 3952 - 2002. The Spring Hydrants are available for both potable and non potable (Reuse) applications.

Features & Configurations:

- Material: Ductile Iron Body and top to AS 1831
- Coating: Fusion Bonded Epoxy (FBE) (Or approved equivalent)
- Spring: 316 Stainless Steel
- Brass Dome: To AS 1568
- Bolts, Nuts and Washers: 316 Stainless Steel (Anti galling coating)
- Connections: Potable and Reuse
- Flanges: Table D
- Sizes: DN 80 and DN 100
- Code: SPRING(DN) = Standard
Eg: SPRING100
Note: Reuse, add "L" to Code
EG: SPRING100L
- Pressure Rating: PN16 Only
- Approval: StandardsMark License No: SMK40418



Application:

The Derwent Industries Spring Hydrants are for use with either Potable Water (Blue Top) or Reuse Water (Lilac Top).

SWAB Hydrants

Derwent Industries SWAB Hydrants are manufactured to AS 3952 - 2002. The SWAB - Spring Hydrants are available for both potable and non potable (Reuse) applications.

Features & Configurations:

- Material: Ductile Iron Body and top to AS 1831
- Coating: Fusion Bonded Epoxy (FBE) (Or approved equivalent)
- Spring: 316 Stainless Steel
- Brass Dome: To AS 1568
- Bolts, Nuts and Washers: 316 Stainless Steel (Anti galling coating)
- Connections: Potable and Reuse
- Flanges: Table D
- Sizes: DN 100 (SWAB DN100)
- Code: SWAB(DN) = SWAB
EG: SWAB100
- Pressure Rating: PN16 Only
- Approval: StandardsMark License No: SMK40418



Application:

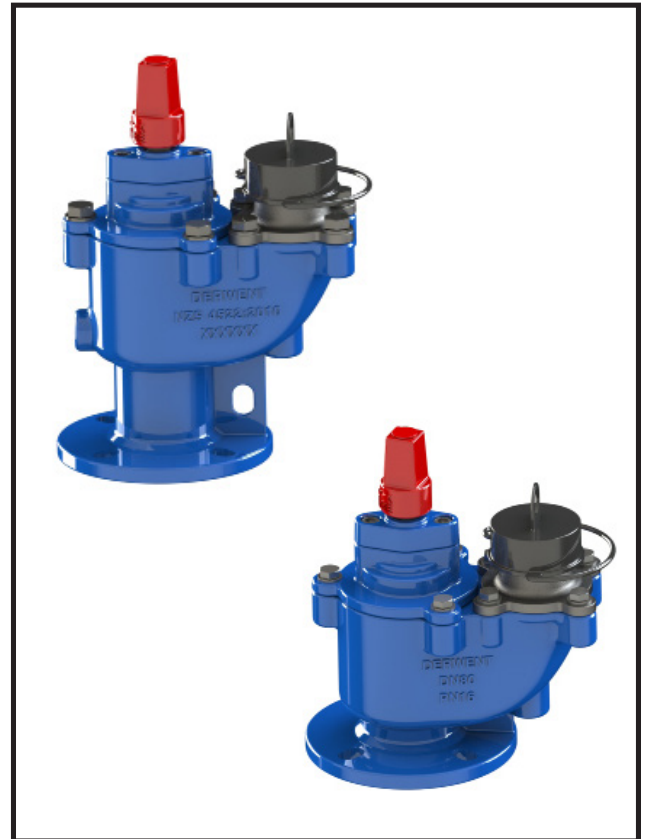
The Derwent Industries SWAB - Spring Hydrants are for use with either Potable Water or Reuse Water. The unique design of our SWAB Hydrant allows for the easy removal of components.

New Zealand Fire Hydrants - Tall & Squat - PN16

Derwent Industries supplies both Tall and Squat New Zealand Hydrants. The Hydrants are manufactured to NZS 4522:2010. The Underground Fire Hydrants are available in both Tall and Squat version.

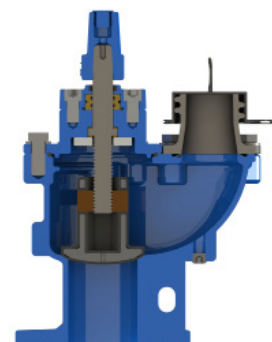
Features & Configurations:

- Material: Ductile Iron Body and top to AS 1831
- Coating: Fusion Bonded Epoxy (FBE) (Or approved equivalent) Standard: AS/NZS 4158
- Clamping Plate 316 Stainless Steel
- Bolts, Nuts and Washers: 316 Stainless Steel (Anti galling coating)
- Configuration: Tall and Squat Versions (Frost Plug optional)
- Flange: AS 4087 - Table D
- Sizes: Slotted DN 80 / 90
- Code: NZHTALL - Tall Hydrant - NZHTALL15 (Frost Plug)
NZHSQUAT - Squat Hydrant - NZHSQUAT15 (Frost Plug)
- Pressure Rating: PN16 Only
- Test Pressure: Body 2.4 MPa
Seat 1.76 MPa
- Approval: StandardsMark License No: SMK41119



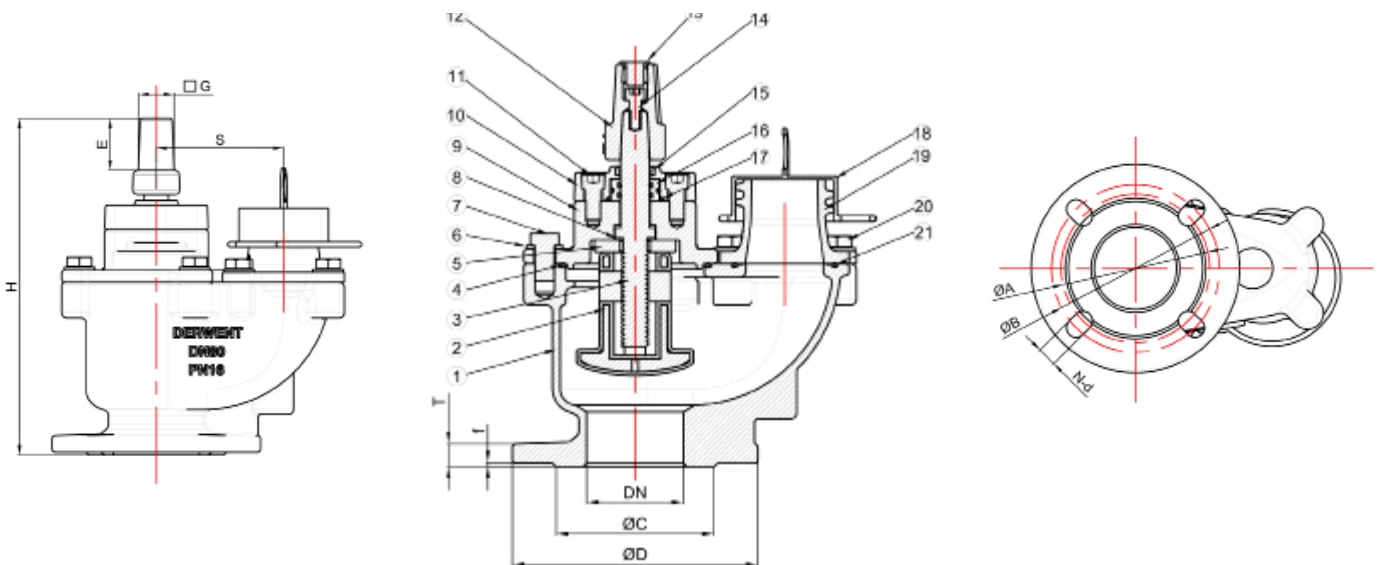
Application:

The Derwent Industries Fire Hydrants are for use with either Potable Water or Reuse Water for fire protection.



Part List

No	Part	Material	Material Grade	Standard
1	Body	Ductile Iron	GJS 500-7	AS 1831
2	Wedge	Ductile Iron + Vulcanized Rubber	GJS 500-7 + EPDM	AS 1831 + AS 1646 and AS 681.1
3	Stem	Stainless Steel	SS 431	ASTM A276
4	O-Ring	Rubber	NBR	AS 1646 and AS 681.1
5	Clamping Plate	Stainless Steel	SS 316	ASTM A276
6	Washer	Stainless Steel	SS 316	ASTM A276
7	In Hex Bolt	Stainless Steel	SS 316	ASTM A276
8	Bushing	Bronze	C62300	AS/NZS 1567
9	Bonnet	Ductile Iron	GJS 500-7	AS 1831
10	Gland	Ductile Iron	GJS 500-7	AS 1831
11	In Hex Bolt	Stainless Steel	SS 316	ASTM A276
12	Cap	Ductile Iron	GJS 500-7	AS 1831
13	Cap Cover	Ductile Iron	GJS 500-7	AS 1831
14	In Hex Bolt	Stainless Steel	SS 316	ASTM A276
15	Dust Wiper	Rubber	NBR	AS 1646 and AS 681.1
16	Retainer	Bronze	C62300	AS/NZS 1567
17	O-Ring	Rubber	NBR	AS 1646 and AS 681.1
18	Dust Cap	PE		
19	Outlet	Stainless Steel	SS 316	ASTM A276
20	In Hex Bolt	Stainless Steel	SS 316	ASTM A276
21	O-Ring	Rubber	NBR	AS 1646 and AS 681.1



Dimensions:

Type	DN	S	ØH	ØA	ØB	ØC	D	N-d	T	E	f	G
Squat	80	125	339	146	165	132	205	4-18	19	50	3	35
Tall	80	125	394	146	165	132	205	4-18	19	50	3	35

Northern Territory Fire Hydrants - PN16

Derwent Industries Northern Territory Hydrants are manufactured specifically for the fire industry in the Northern Territory, providing an isolation point for fire protection.

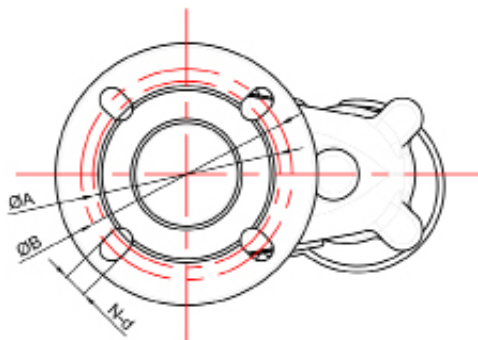
Features & Configurations:

- Material: Ductile Iron Body and top to AS 1831
- Coating: Fusion Bonded Epoxy (FBE) (Or approved equivalent) Standard: AS/NZS 4158
- Clamping Plate 316 Stainless Steel
- Bolts, Nuts and Washers: 316 Stainless Steel (Anti galling coating)
- Flange: AS 4087 - Table D
- Sizes: DN 80
- Code: HYDRANTNT80
- Pressure Rating: PN16 Only
- Test Pressure: Body 2.4 MPa
Seat 1.76 MPa



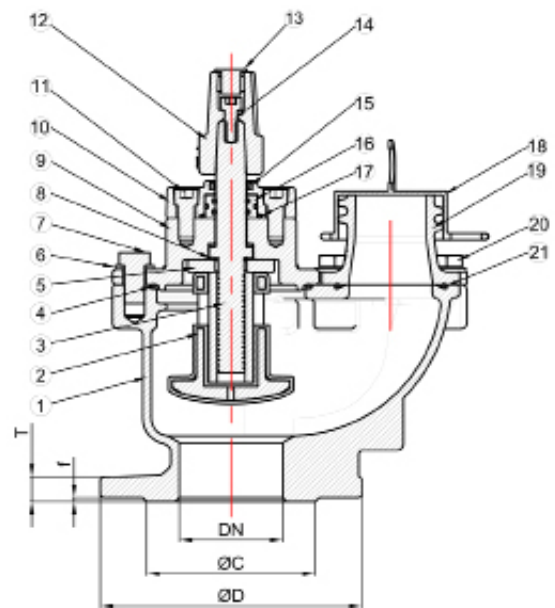
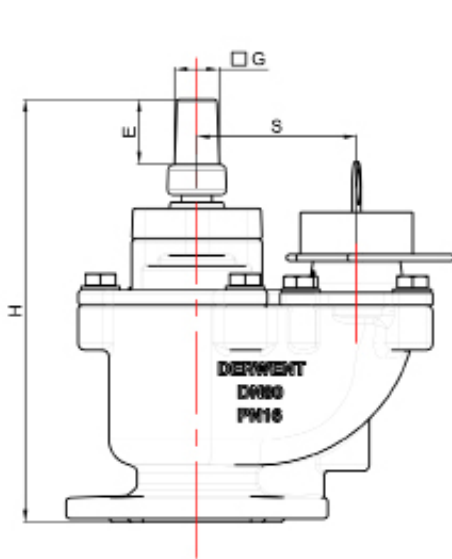
Application:

The Derwent Industries Fire Hydrants are for use with either Potable Water or Reuse Water for fire protection.



Part List

No	Part	Material	Material Grade	Standard
1	Body	Ductile Iron	GJS 500-7	AS 1831
2	Wedge	Ductile Iron + Vulcanized Rubber	GJS 500-7 + EPDM	AS 1831 + AS 1646 and AS 681.1
3	Stem	Stainless Steel	SS 431	ASTM A276
4	O-Ring	Rubber	NBR	AS 1646 and AS 681.1
5	Clamping Plate	Stainless Steel	SS 316	ASTM A276
6	Washer	Stainless Steel	SS 316	ASTM A276
7	In Hex Bolt	Stainless Steel	SS 316	ASTM A276
8	Bushing	Bronze	C62300	AS/NZS 1567
9	Bonnet	Ductile Iron	GJS 500-7	AS 1831
10	Gland	Ductile Iron	GJS 500-7	AS 1831
11	In Hex Bolt	Stainless Steel	SS 316	ASTM A276
12	Cap	Ductile Iron	GJS 500-7	AS 1831
13	Cap Cover	Ductile Iron	GJS 500-7	AS 1831
14	In Hex Bolt	Stainless Steel	SS 316	ASTM A276
15	Dust Wiper	Rubber	NBR	AS 1646 and AS 681.1
16	Retainer	Bronze	C62300	AS/NZS 1567
17	O-Ring	Rubber	NBR	AS 1646 and AS 681.1
18	Dust Cap	PE		
19	Outlet	Stainless Steel	SS 316	ASTM A276
20	In Hex Bolt	Stainless Steel	SS 316	ASTM A276
21	O-Ring	Rubber	NBR	AS 1646 and AS 681.1



Dimensions:

DN	S	H	Ø A	Ø B	Ø C	Ø D	N-d	T	E	f	G
80	125	339	146	165	132	205	4-18	19	50	3	35

Western Australian Fire Hydrants - PN16

Derwent Industries - Western Australian Fire Hydrants are manufactured specifically for the fire industry in WA, providing an isolation point for fire protection.

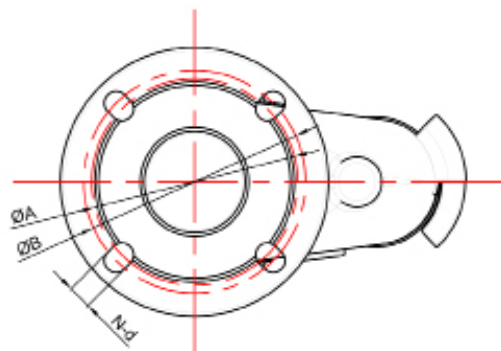
Features & Configurations:

- Material: Ductile Iron Body and top to AS 1831
- Coating: Fusion Bonded Epoxy (FBE)
(Or approved equivalent)
Standard: AS/NZS 4158
- Clamping Plate: 316 Stainless Steel
- Bolts, Nuts and Washers: 316 Stainless Steel
(Anti galling coating)
- Flange: AS 4087 - Table D
- Sizes: DN 80
- Code: HYDRANTWA80
- Pressure Rating: PN16 Only
- Test Pressure: Body 2.4 MPa
Seat 1.76 MPa



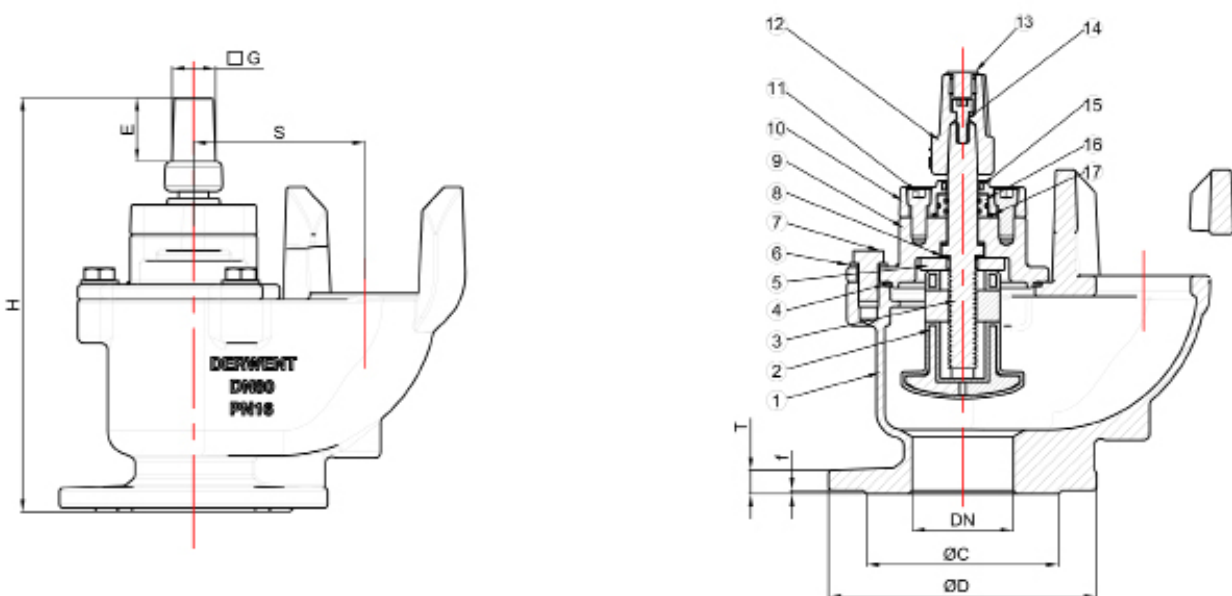
Application:

The Derwent Industries Fire Hydrants are for use with either Potable Water or Reuse Water for fire protection.



Part List

No	Part	Material	Material Grade	Standard
1	Body	Ductile Iron	GJS 500-7	AS 1831
2	Wedge	Ductile Iron + Vulcanized Rubber	GJS 500-7 + EPDM	AS 1831 + AS 1646 and AS 681.1
3	Stem	Stainless Steel	SS 431	ASTM A276
4	O-Ring	Rubber	NBR	AS 1646 and AS 681.1
5	Clamping Plate	Stainless Steel	SS 316	ASTM A276
6	Washer	Stainless Steel	SS 316	ASTM A276
7	In Hex Bolt	Stainless Steel	SS 316	ASTM A276
8	Bushing	Bronze	C62300	AS/NZS 1567
9	Bonnet	Ductile Iron	GJS 500-7	AS 1831
10	Gland	Ductile Iron	GJS 500-7	AS 1831
11	In Hex Bolt	Stainless Steel	SS 316	ASTM A276
12	Cap	Ductile Iron	GJS 500-7	AS 1831
13	Cap Cover	Ductile Iron	GJS 500-7	AS 1831
14	In Hex Bolt	Stainless Steel	SS 316	ASTM A276
15	Dust Wiper	Rubber	NBR	AS 1646 and AS 681.1
16	Retainer	Bronze	C62300	AS/NZS 1567
17	O-Ring	Rubber	NBR	AS 1646 and AS 681.1



Dimensions:

DN	S	H	Ø A	Ø B	Ø C	Ø D	N-d	T	E	f	G
80	145	339	165	178	154	215	4-18	19	50	3	35

South Australian Fire Hydrants - PN16

Derwent Industries supplies South Australian Fire Hydrants are manufactured specifically for the fire industry in SA, providing an isolation point for fire protection.

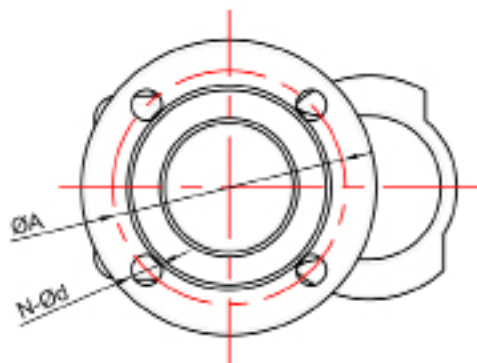
Features & Configurations:

- Material: Ductile Iron Body and top to AS 1831
- Coating: Fusion Bonded Epoxy (FBE) (Or approved equivalent) Standard: AS/NZS 4158
- Clamping Plate: 316 Stainless Steel
- Bolts, Nuts and Washers: 316 Stainless Steel (Anti galling coating)
- Flange: AS 4087 - Table D
- Sizes: DN 80
- Code: HYDRANTSA80
- Pressure Rating: PN16 Only
- Test Pressure: Body 2.4 MPa
Seat 1.76 MPa



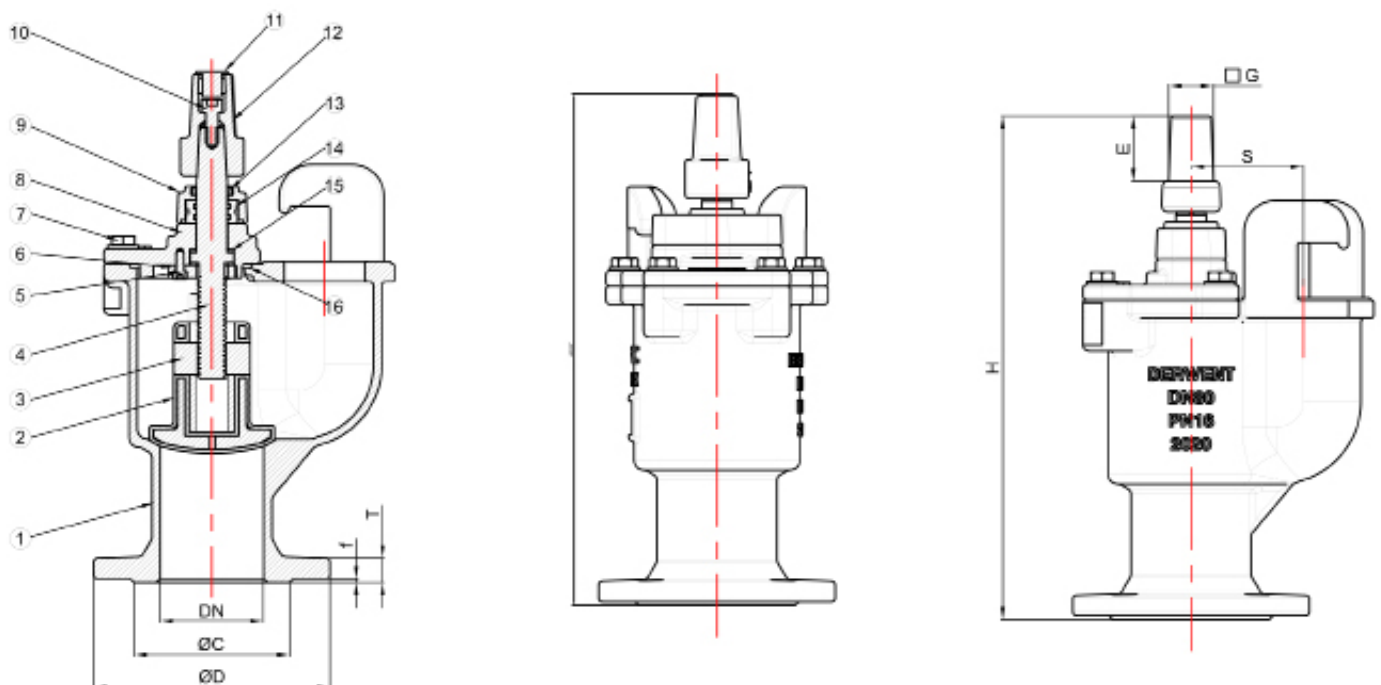
Application:

The Derwent Industries Fire Hydrants are for use with either Potable Water or Reuse Water for fire protection.



Part List

No	Part	Material	Material Grade	Standard
1	Body	Ductile Iron	GJS 500-7	AS 1831
2	Wedge	Ductile Iron + Vulcanized Rubber	GJS 500-7 + EPDM	AS 1831 + AS 1646 and AS 681.1
3	Wedge Nut	Bronze	C62300	AS/NZS 1568
4	Stem	Stainless Steel	SS 431	ASTM A276
5	In Hex Bolt	Stainless Steel	SS 316	ASTM A276
6	Clamping Plate	Stainless Steel	SS 316	ASTM A276
7	In Hex Bolt	Stainless Steel	SS 316	ASTM A276
8	Bonnet	Ductile Iron	GJS 500-7	AS 1831
9	Gland	Ductile Iron	GJS 500-7	AS 1831
10	In Hex Bolt	Stainless Steel	SS 316	ASTM A276
11	Cap Cover	Plastic		
12	Cap	Ductile Iron	GJS 500-7	AS 1831
13	Dust Wiper	Rubber	NBR	AS 1646 and AS 681.1
14	Retainer	Bronze	C62300	AS/NZS 1567
15	Bushing	Bronze	C62300	AS/NZS 1567
16	O-Ring	Rubber	NBR	AS 1646 and AS 681.1



Dimensions:

DN	S	H	Ø A	Ø C	Ø D	N-d	T	E	f	G
80	88	402	146	122	185	4-18	19	50	3	35

Hydrant - Isolation Valve

Hydrant & Air- Isolation Valve - PN16

Derwent Industries Isolation Valves are designed for the fire industry. The screw down hydrant for fire applications is available in both ACC and CC configuration, providing an Table D outlet flange, rated to PN16. The base of the Hydrant is slotted to allow for both DN 80 and DN 100.

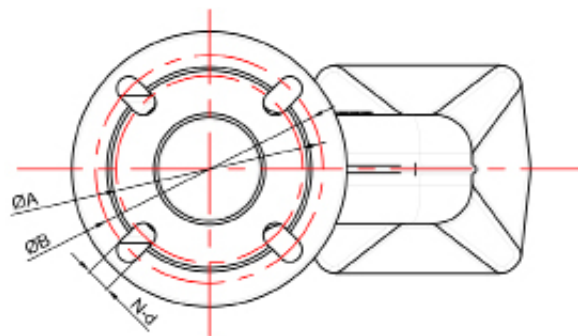
Features & Configurations:

- Material: Ductile Iron Body and top to AS 1831
- Coating: Fusion Bonded Epoxy (FBE) (Or approved equivalent) Standard: AS/NZS 4158
- Clamping Plate 316 Stainless Steel
- Bolts, Nuts and Washers: 316 Stainless Steel (Anti galling coating)
- Outlet Flange: AS 4087 - Table D
- Sizes: DN 80
- Code: ISOLATION80
- Pressure Rating: PN16 Only
- Test Pressure: Body 2.4 MPa
Seat 1.76 MPa



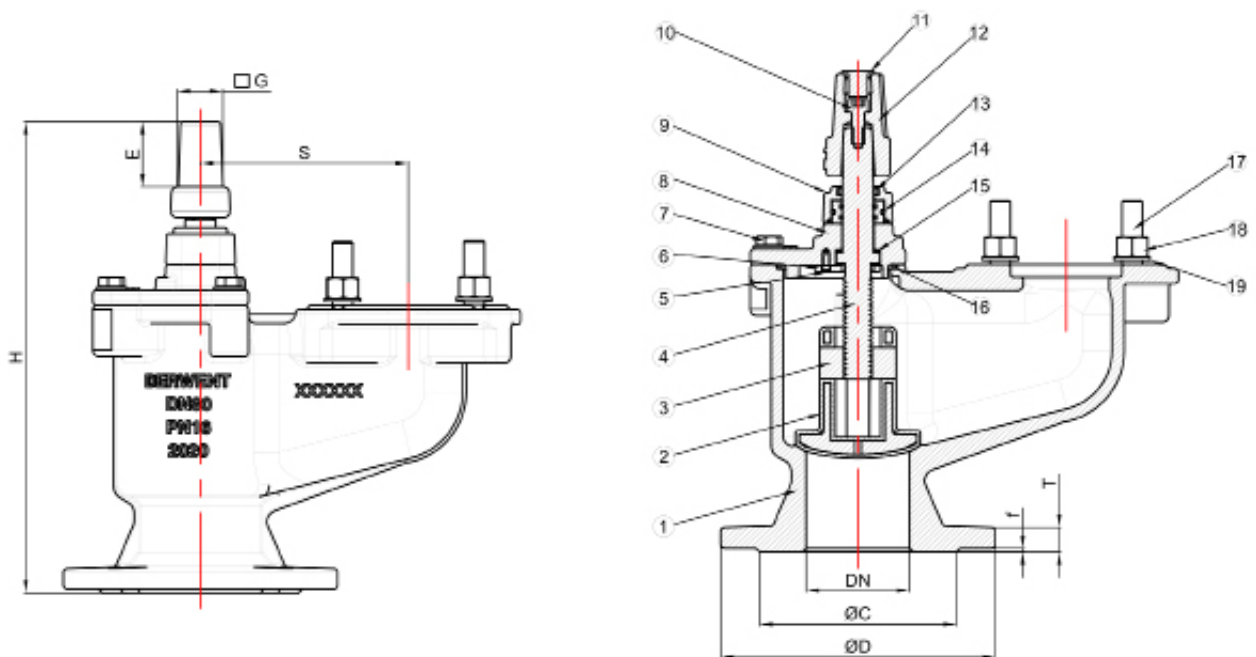
Application:

The Derwent Industries Isolation Valves are for use with either Potable Water or Reuse Water for fire protection.



Part List

No	Part	Material	Material Grade	Standard
1	Body	Ductile Iron	GJS 500-7	AS 1831
2	Wedge	Ductile Iron + Vulcanized Rubber	GJS 500-7 + EPDM	AS 1831 + AS 1646 and AS 681.1
3	Wedge Nut	Bronze	C62300	AS/NZS 1568
4	Stem	Stainless Steel	SS 431	ASTM A276
5	In Hex Bolt	Stainless Steel	SS 316	ASTM A276
6	Clamping Plate	Stainless Steel	SS 316	ASTM A276
7	In Hex Bolt	Stainless Steel	SS 316	ASTM A276
8	Bonnet	Ductile Iron	GJS 500-7	AS 1831
9	Gland	Ductile Iron	GJS 500-7	AS 1831
10	In Hex Bolt	Stainless Steel	SS 316	ASTM A276
11	Cap Cover	Plastic		
12	Cap	Ductile Iron	GJS 500-7	AS 1831
13	Dust Wiper	Rubber	NBR	AS 1646 and AS 681.1
14	O-Ring	Rubber	NBR	AS 1646 and AS 681.1
15	Bushing	Bronze	C62300	AS/NZS 1567
16	O-Ring	Rubber	NBR	AS 1646 and AS 681.1
17	Bolt	Stainless Steel	SS 316	ASTM A276
18	Nut	Stainless Steel	SS 316	ASTM A276
19	Washer	Stainless Steel	SS 316	ASTM A276



Dimensions:

DN	S	H	Ø A	Ø C	Ø D	N-d	T	E	f	G
80	163	376	146	154	215	4-18	19	50	3	35



Derwent Industries Pty Ltd

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