

FH2-CE Fire Hydrant

DN80, PN16 or PN25

FH2-CE Underground Fire Hydrant to BS 750:2012 Type 2 and BS EN 14339 Certificate No. KM 31556

CE Marked in accordance with Construction Products Directive; Certificate No. 0086-CPD-551050

Main features

- Kitemarked to BS750:2012 and BS EN 14339
- Robust design with minimal maintenance requirements - safety factor of 2.6
- Automatic frost valve - no water escape during operation
- Secure bolted bonnet to enable easy maintenance
- Low weight compact design for ease of handling and installation
- Universal inlet flange
- Ductile iron construction
- All non-metallic parts WRAS approved
- Stainless steel bolts (standard)
- 2½" London round thread stainless steel outlet (standard) to BS 750:2012

Options

- PN16 (standard) or PN25
- Fixed stopper (black outlet cap)
- Loose stopper (white outlet cap)
- Bayonet outlet (UK or Dublin versions)
- N.I. Belfast outlet

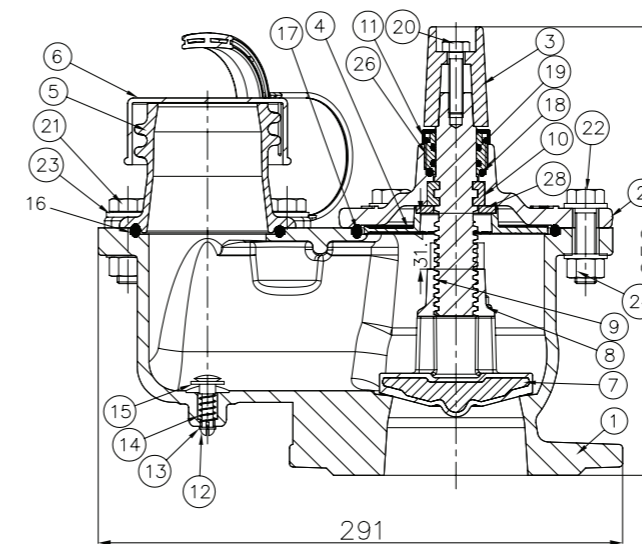
Technical information

- Clockwise close
- Weight 11.4 kg
- Maximum operating temperature 60°C
- MOT 105 Nm
- MST 210 Nm
- $K_v > 92 \text{ m}^3/\text{hour}$
- Drainage system - time to drain 5 minutes
- Volume retained water 6ml
- Number of turns
 - to start flow 1
 - fully open 8
- Hydrant for potable water systems
- BS EN 1074-6 2004
- Fully compliant to BS EN 14339, BS EN 1074-6 & BS750:2012
- Resistance to disinfection BS EN 1074-6
- Blue fusion bonded epoxy coating 250 microns to BS EN 14901 & DIN 30677
- Inlet flange suitable for connections to BS EN 1092-2 & PN10/16 & BS 10 3" table D & E
- Stem seals & stem cap BS 750:2012
- Number of turns

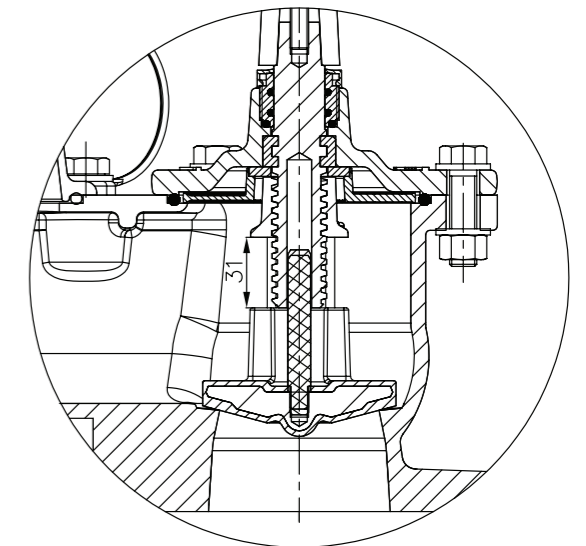


Technical Features

Fixed Stopper Hydrant DN80



Loose Stopper Hydrant DN80



Materials

Ref	Description	Material	Standard
1	HYDRANT BODY	Ductile Iron GJS 500/7	BS EN 1563
2	HYDRANT BONNET	Ductile Iron GJS 500/7	BS EN 1563
3	OPERATING CAP	Ductile Iron GJS 500/7	BS EN 1563
4	LIMITER	Dupont Zytel 70G30 HSL NC010	WRAS LISTED
5	SCREW OUTLET	Stainless Steel Grade 1.4027 min 13%Cr	BS EN 10088-3
6	OUTLET COVER	HDPE	
7*	FIXED/LOOSE STOPPER	Ductile Iron GJS 500/7 / EPDM AA-7G DZ	BS EN 1563 / BS EN 681-1
8	SPINDLE NUT	CW 614 N	BS 12164
9	SPINDLE	Stainless Steel Grade 1.4021	BS EN 10088-3
10	LIMITER	CW 614 N	BS 12164
11	WIPER RING	EPDM AA-7G DZ	BS EN 681-1
12	FROST VALVE SPINDLE	Dupont Zytel 70G30 HSL NC010	WRAS LISTED
13	FROST VALVE WASHER B	Nylon	BS 4320
14	FROST VALVE SPRING	Grade 1.4310	EN 10270-3
15	FROST VALVE EPDM WASHER	EPDM AA - 7G DZ	BS EN 681-1
16	"O" - RING $\Phi 75 \times \phi 5$	EPDM IHRD	BS EN 681-1
17	"O" - RING $\Phi 105 \times \phi 5$	EPDM IHRD	BS EN 681-1
18	"O" - RING $\Phi 26 \times \phi 3$	EPDM IHRD	BS EN 681-1
19	"O" - RING $\Phi 23 \times \phi 2,5$	EPDM IHRD	BS EN 681-1
20	HEXAGON HEAD BOLT M8x35	Stainless Steel Grade A2 - 70	ISO 4017
21	HEXAGON HEAD BOLT M12x40	Stainless Steel Grade A2 - 70	ISO 4017
22	HEXAGON HEAD BOLT M12x45	Stainless Steel Grade A2 - 70	ISO 4017
23	WASHER A12	Stainless Steel Grade A2	ISO 7089
24	NUT M12	Stainless Steel Grade A2	ISO 4032
25	SEALING NUT	CW 614 N	BS 12164
26	GUIDE PIN	Stainless Steel Grade 1.4057	BS EN 10088-3
27	WASHER A24	Stainless Steel Grade A2	ISO 7

