Through Bore-CE Fire Hydrant

Through Bore-CE Underground Fire Hydrant to BS 750:2012 and BS EN 14339 Certificate No. KM 31556. CE Marked in accordance with Construction Products Directive; Certificate No. 0086-CPR-551050.

Main features

- Kitemarked to BS750:2012, EN1074-1/2&6 and BS EN 14339
- Unobstructed 80mm full bore access when outlet removed
- Patented design
- 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 corrosion resistant construction
- All non-metallic parts are in accordance with BS 6920-1; WRAS approved
- Fixed obturator to BS EN1074-6
- Stainless steel bolts (standard)
- 2½" London round thread stainless steel outlet (standard) to BS 750:2012

DN80, PN16



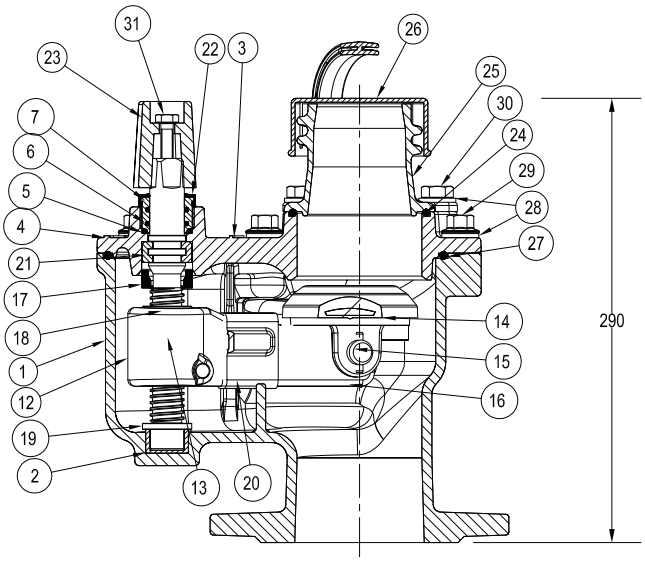
Options

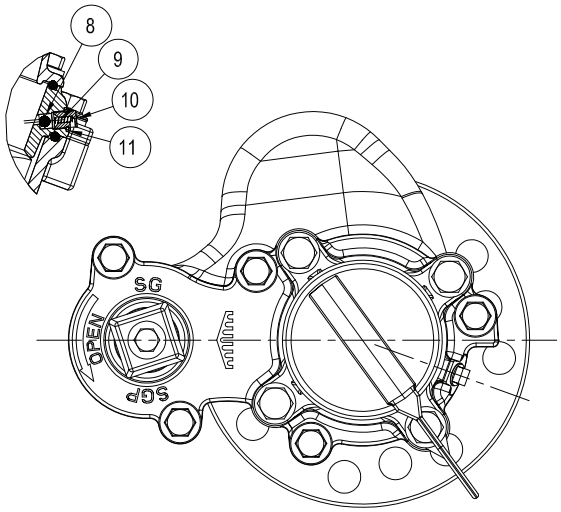
- PN16 (standard)
- Bayonet outlet (UK or Dublin)
- N.I. Belfast outlet

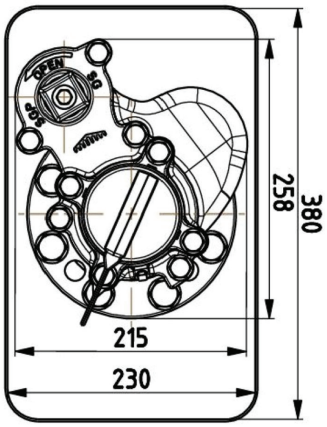
Technical information

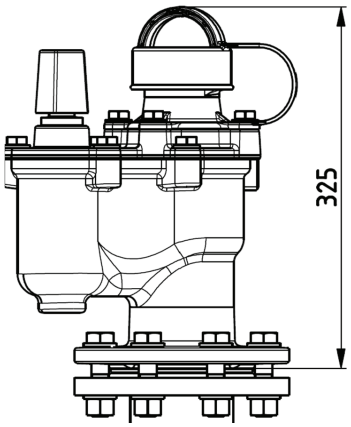
- Clockwise close
- Weight 16 kg
- Maximum operating temperature 60°C
- MOT 105 Nm
- MST 210 Nm
- Kv>92m³/hour – actual 245m³/hour
- Drainage system – time to drain 10 minutes
- Volume retained water 70ml
- Number of turns to - start flow 2
  - fully open 11
- Hydrant for potable water systems to BS EN 1074-6
- Resistance to disinfection to BS EN 1074-6
- Blue fusion bonded epoxy coating 250 microns to WIS 4-52-01; WRAS approved
- Inlet flange suitable for connections to BS EN 1092-2 PN10/16 & BS 10 table D & E
- Stem seals and stem cap to BS750:2012

PAM SAINT-GOBAIN









Materials

Ref	Description	Material	Standard
1	HYDRANT BODY	Ductile Iron EN-GJS 500/7	BS EN 1563-3
2	BEARING	Brass CW 614 N	BS EN 12164
3	BONNET ASSEMBLY PRO-TECTION	EPDM	BS EN 681-1
4	HYDRANT BONNET	Ductile Iron EN-GJS 500/7	BS EN 1563-3
5	O RING Φ26XΦ3	EPDM	BS EN 681-1
6	O RING Φ23XΦ2.5	EPDM	BS EN 681-1
7	SEALING NUT	LG2 Gunmetal	BS 1470
8	FROST VALVE BALL	EPDM	BS EN 681-1
9	FROST VALVE SPRING	Stainless Steel grade 1.4310	BS EN 10088 - 3
10	FROST VALVE NUT	Brass CW 614 N	BS EN 12164
11	O RING	EPDM	BS EN 681-1
12	ARM ASSEMBLY PROTECTION	EPDM	BS EN 681-1
13	OBTURATOR/GATE ARM	Ductile Iron EN-GJS 500/7	BS EN 1563-3
14	OBTURATOR/GATE/PISTON	EPDM	BS EN 681-1
15	OBTURATOR PIN	Stainless Steel grade 1.4021	BS EN ISO 3506
16	SPLIT PIN Φ5X28	Stainless Steel grade 1.4021	BS EN ISO 1234

Ref	Description	Material	Standard
17	GASKET	EPDM	BS EN 681-1
18	SPINDLE	Stainless Steel grade 1.4027	BS EN 10088 - 3
19	BEARING	Stainless Steel grade 1.4021	BS EN 10088 - 3
20	ARM ASSEMBLY PROTECTION	EPDM	BS EN 681-1
21	LIMITER	Brass CW 614 N	BS EN 12164
22	GASKET	EPDM	BS EN 681-1
23	OPERATING CAP	Ductile Iron EN-GJS 500/7	BS EN 1563-3
24	OUTLET GASKET	EPDM	BS EN 681-1
25	SCREWED OUTLET	Stainless Steel grade 1.4027	BS EN 10088 - 3
26	OUTLET COVER	HDPE	
27	BONNET GASKET	EPDM	BS EN 681-1
28	WASHER A12	Stainless Steel grade A2	BS EN ISO 3506
29	SCREW M12X30	Stainless Steel grade A2 - 70	BS EN ISO 4017
30	SCREW M12X25	Stainless Steel grade A2 - 70	BS EN ISO 4017
31	SCREW M8X35	Stainless Steel grade A2 - 70	BS EN ISO 4017

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NATIONAL ACCREDITATION OF CERTIFICATION BODIES
Cert. No.12908

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