



CAST IRON ARMATURE BULGARIA® SA

7800 Popovo, Industrial zone

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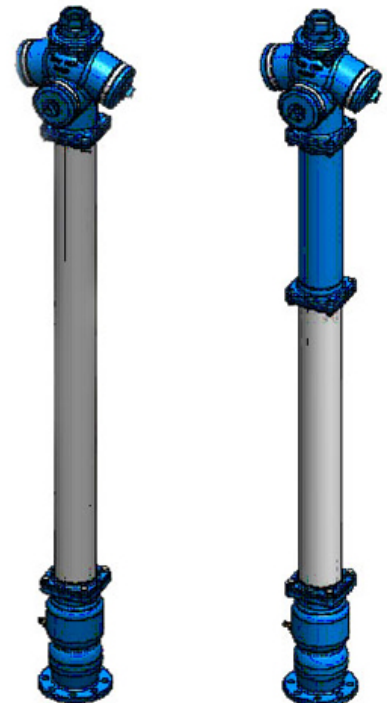


OVERGROUND HYDRANT	DN	PN
SERIES 663 – New! Innovative product	80	16

The innovative product is implemented in production within the project BG161PO003-1.1.07-0352-C0001 "Incorporate of innovative overground hydrant", implemented with the financial support of Operational Programme "Development of the Competitiveness of the Bulgarian Economy" 2007-2013, co-financed by EC of the ERDF and the national budget of the Republic of Bulgaria.

APPLICATION

The hydrant is a device for connection with a water pipe line or a fire hose for firefighting, washing, irrigation and etc. The over ground hydrant is designed as a shut-off device. It is feeding water with up to three outlets for connection to water equipment at a pressure up to PN 16 and Tmax 70°C. After closing, the remaining water is automatically drained by releasing valve to prevent freezing. The hydrant is optimized solution for opening and closing the water flow. Easy installation. Protection of high-wear parts and high corrosion resistance. Prevent water losses and leaks in the case of braking. It is available with breaker system and without breaker system according to BDS EN 14384.



INSTALLATION:

The over ground hydrant is mounted with upper position of the outlets for attachment and works at constant feed of water flow.

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No	Detail	Material	Number	Standard
1	Body	EN-GJL250/EN-GJS500-7	5.1301/5.3200	BDS EN 1561/BDS EN1563
2	Valve	EN-GJL250/EN-GJS500-7	5.1301/5.3200	BDS EN 1561/BDS EN1563
3	Bolt M8x45/8.8	zinc plated		
4	Nut M8	zinc plated		
5	O ring	EPDM		
6	Flange	EN-GJS500-7	5.3200	BDS EN 1563
7	Pipe stainless	AISI304	1.4301	BDS EN10088
8	Pipe G 1" lower	St-37-2 zinc plated	1.0037	BDS EN 10025
9	Shaft	EN-GJL250	5.1301	BDS EN 1561
10	Pipe connecting	EN-GJL250/EN-GJS500-7	5.1301/5.3200	BDS EN 1561/BDS EN1563
11	Pipe G 1" upper	St-37-2 zinc plated	1.0037	BDS EN 10025
12	O ring	EPDM		
13	O ring	EPDM		
14	Cover	EN-GJL250/EN-GJS500-7	5.1301/5.3200	BDS EN 1561/BDS EN1563
15	Bolt M8x45/5.8	zinc plated		
16	Coupler	AISI9Cu2		
17	Head	EN-GJL250/EN-GJS500-7	5.1301/5.3200	BDS EN 1561/BDS EN1563
18	O ring	EPDM		
19	Bonnet	EN-GJL250/EN-GJS500-7	5.1301/5.3200	BDS EN 1561/BDS EN1563
20	Swivel	EN-GJL250/EN-GJS500-7	5.1301/5.3200	BDS EN 1561/BDS EN1563
21	Screw M8x20	zinc plated		
22	Washer ø8	zinc plated		
23	Guide	X20Cr13	1.4021	BDS EN 10088
24	O ring	EPDM		
25	Air valve	CuZn36Pb3	2.0375	BDS EN 12164
26	Bolt 12x35/8.8	zinc plated		
27	Washer ø12	zinc plated		
28	Release valve	CuZn36Pb3	2.0375	BDS EN 12164
29	Nut	CuZn40Pb2	CW617N	BDS EN 12164
30	Stop screw M6x12	zinc plated		
31	Washwr ø10	zinc plated		
32	Bolt 10x25/5.8	zinc plated		
33	Chain zinc plated	S235JR	1.0038	BDS EN 10025-2
34	Label	PVC		
	Flanges			BDS EN 1092-2
	Coupler's dimensions			DIN 14318-B1
	Coating	Epoxy RAL 5015		

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CODE	H1	H2	Rd	Kg
With breaker system				
663080400000	2350	1385	1500	58
663080400010	2100	1135	1250	55
663080400020	1850	885	1000	52
Without breaker system				
663080490000	2350	1385	1500	51
663080490010	2100	1135	1250	48
663080490020	1850	885	1000	45
BDS EN 14384:2005 FIRE OVERGROUND HYDRANT, SERIES 663 With a body of cast iron or ductile iron with epoxy coating and an outer stainless steel tube DN 80, 3xB, PN 16 bar, RD 1000÷1500 mm				
Closing direction	Clockwise			
Number of revolutions	6,5			
Moment (MOT, mST)	MOT 42 Nm, mST ≥ 300 Nm			
Flanges input	According EN 1092-2			
Kv	82,5 [m ³ /h]/bar			



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