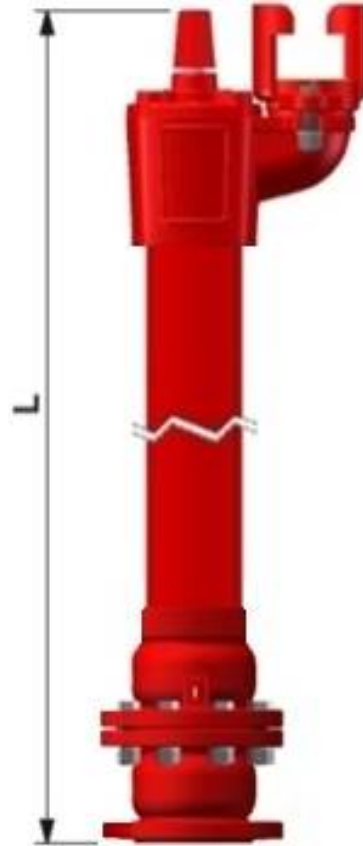


HYDRANTS



Type: UNDERGROUND HYDRANT – DN100 PN10/PN16 EN-14339 DOUBLE CLOSING (ball)



Materials and construction characteristics :

- Patented industrial design
- Manufactured accordance to EN 1074-1 / 6:2002 / EN 14339:2009
- Flange connections accordance to EN 1092-2:1999 [DIN 2501] PN10/16
- Claw connection accordance to DIN 3221 – C
- Second closing with ball piston, accordance to customer request ball can include inner reinforcement
- Hydrant can be equipped in other types of claws accordance to domestic market specification
- Full inner and outer heavy anti-corrosion epoxy paint with min. level of 250µm in RAL5015/3000 accordance to EN ISO 12944-5:2009, resistance for electrical breakdown 3kV including anti-UV addition
- Drainage takes place at the moment of complete closing of the hydrant
- Bayonet claw made of cast iron. Body and hydrant foot made of grey or ductile iron, column as per below table options, mandrel made of stainless steel, mandrel nut made of brass with trapeze thread
- Medium temperature : 50°C
- Quality and repeatability accordance to EN ISO 9001:2008

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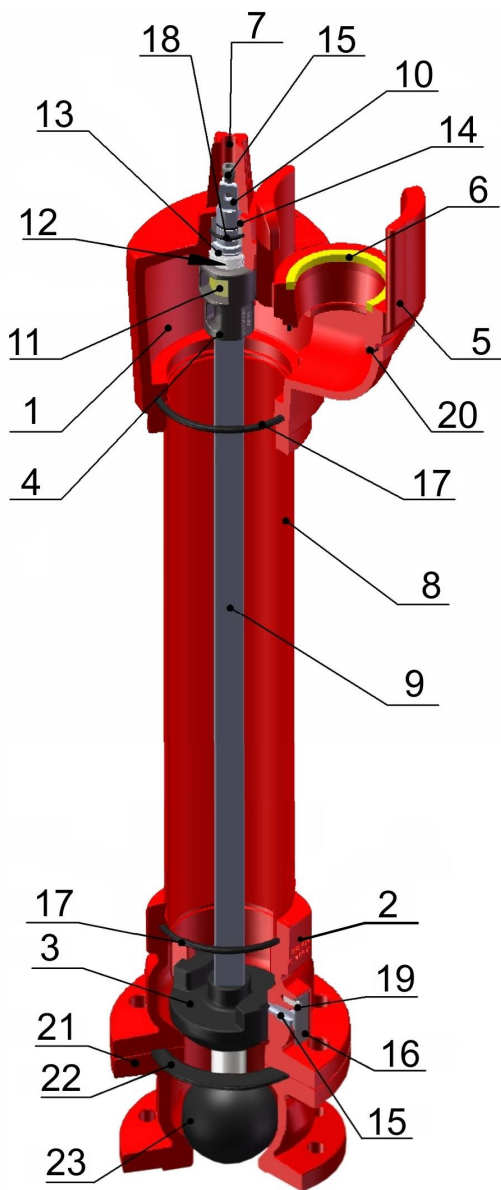
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HYDRANTS



Materials and construction characteristics :

No	Part	Material
1	Upper body	Cast iron EN GJL – 250 / Ductile iron EN GJS 500-7
2	Bottom Body	Cast iron EN GJL – 250 / Ductile iron EN GJS 500-7
3	Closing piston	Ductile iron EN GJS 500-7 EPDM
4	Nut holder	Ductile iron EN GJS 500-7
5	Connection claw	Ductile iron EN GJS 500-7
6	Claw ring	Stainless steel – 1.4301
7	Operation Knob	Ductile iron EN GJS 500-7
8	Support column	Accordance to below table
9	Inner connector	Steel /galvanized steel / stainless steel
10	Mandrel	Stainless steel - X20 Cr13
11	Plug	Brass CuZn39Pb2
12	Plug	Polyamide
13	Pad	Polyamide
14	Bushing	Polyamide
15	Allen screw	Steel St3S/Zn5 or A2
16	Protection	Polyamide
17	O-ring	EPDM
18	O-ring	EPDM
19	Screw	Steel St3S/Zn5
20	Claw sealing	EPDM
21	Ball chamber body	Ductile iron EN GJS 500-7
22	Gasket	EPDM
23	Ball	Stal / EPDM

Technical specification :

DN	L [mm]	RD [mm]	Weight [kg]	Catalogue No.	Versions	Painting	Support column
100	750	1000	49	9707-100	PN10/16		Steel – in standard
	1000	1250	52	9710-100	PN10/16	RAL3000	* Stainless steel
	1250	1500	55	9712-100	PN10/16	RAL5015	* Galvanized steel
	1550	1800	58	9715-100	PN10/16		* Ductile iron

* - accordance to customer request

Reflecting continuous progress of product development we reserve right for further construction changes or to produce product accordance to customer request.

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