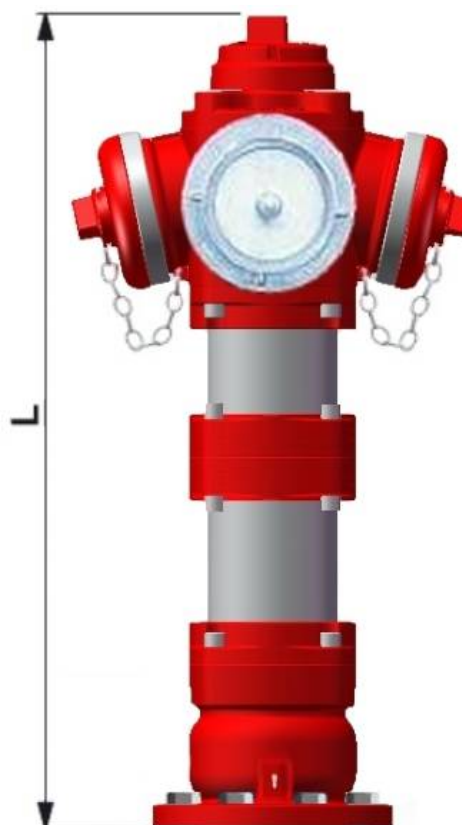


HYDRANTS



Type: OVERGROUND HYDRANT – TYPE C – DN150 PN10/PN16 With break-away system – single closing



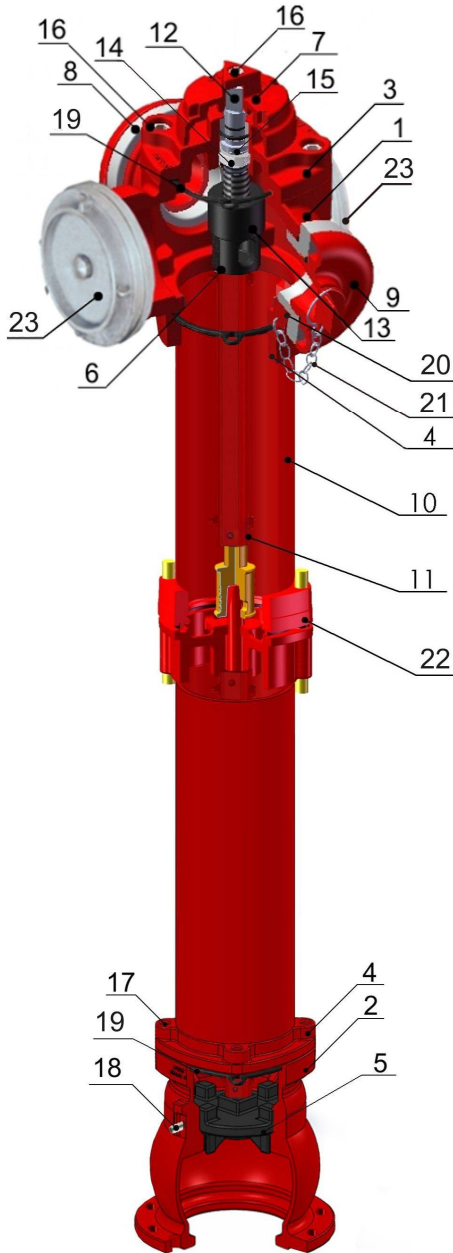
Materials and construction characteristics :

- Patented industrial design
- Patented efficated break-away system solution
- Manufactured accordance to EN 1074-1 / 6:2002 / EN 14384:2009
- Flange connections accordance to EN 1092-2:1999 [DIN 2501] PN10/16
- Four connection couplings accordance to DIN 14318 - STORZ at nominal pressure PN10/16
- Hydrant can be equipped in other types of couplings 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
- Possibility of hydrant elements assembly and disassembly without necessity to surface interference surrounding hydrant,
- Possibility of head turnover in range of 360°
- Drainage takes place at the moment of complete closing of the hydrant
- Roots and roots covers made from aluminum or 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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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.	Upper lid	Cast iron EN GJL – 250 / Ductile iron EN GJS 500-7
4.	Thrust collar	Cast iron EN GJL – 250 / Ductile iron EN GJS 500-7
5.	Closing piston	Ductile iron EN GJS 500-7 EPDM
6.	Nut holder	Ductile iron EN GJS 500-7
7.	Operating knob	Ductile iron EN GJS 500-7
8.	Coupling	Aluminium alloy
9.	Coupling lid	Cast iron EN GJL-250 or Aluminium alloy
10.	Support column	Accordance to below table
11.	Inner connector	Steel /galvanized steel / stainless steel *
12.	Mandrel	Stainless steel X20 Cr13 – 1.4021
13.	Plug	Brass CuZn39Pb2
14.	Plug	Polyamide
15.	Distance pad	Polyamide
16.	Allen screw	Steel ST3S/Zn5/A2*
17.	Allen screw	Steel ST3S/Zn5/A2*
18.	Drainage	Polyamide
19.	Shaped sealing	EPDM
20.	O-ring	EPDM
21.	Chain	Steel ST3S/Zn5 or A2 *
22.	Breaking protector	Ductile iron EN GJS 500-7
23.	Coupling	Aluminium alloy

Technical specification :

DN	L* [mm]	RD *	Weight [kgs]	Catalogue No.	Versions	Painting *	Support column
150	1900	1250	60	9819-150	PN10/16	RAL3000 - red RAL5015 - blue	Steel – in standard
	2150	1500	63	9821-150	PN10/16		* Stainless steel
	2450	1800	67	9824-150	PN10/16		* Galvanized steel * 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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