INDEX NO. 608

OVERGROUND DUCTILE IRON HYDRANT BREAKABLE DN80

DOUBLE OR SINGLE CLOSING

APPLICATION

Waterworks and fire-fighting installations.

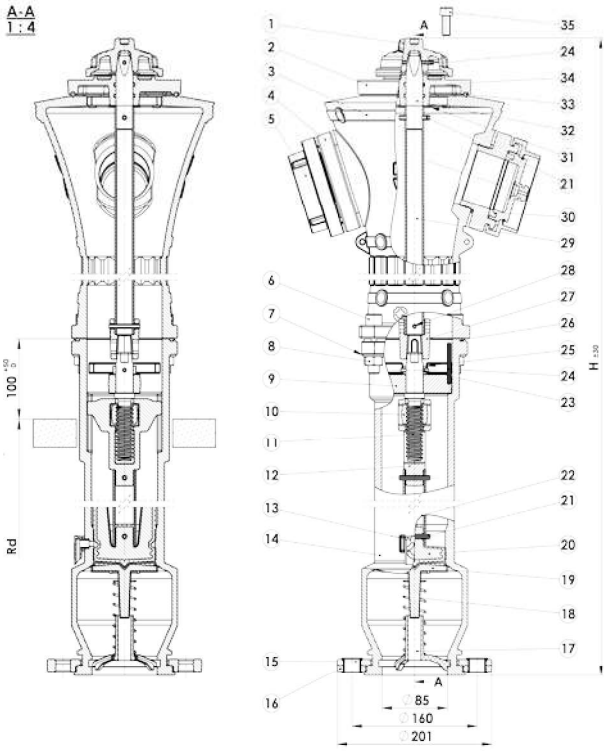
DESIGN FEATURES

- hydrant body - monolith made of ductile iron EN GJS-500-7
- rolled stem made of stainless steel (2H13, AISI 420, 1.4021)
- protection against breaking
- stem seal - o-ring
- self - draining when fully closed
- rod - constructional steel with anti-corrosive coating or stainless steel
- special A2 bolt at the breaking point
- double or single piston closing system
- closing pistons - ductile iron, fully vulcanised with EPDM
- rotating flange - for easier installation rotates 0° to 360°
- internal elements may be replaced without the need to dig the hydrant out under pressure (with the gate valve fully open)
- corrosion protection:
  - external - polyester RAL3000, min. 250 µm, UV resistant
  - internal - epoxy coating approved for contact with drinking water
- optionally - brass bushing at piston working location

TECHNICAL DATA / STANDARDS

- design, requirements, test methods, application acc. PN-EN 14339, PN-EN 1074-6
- material acc. PN-EN 1563
- flange PN16 acc. PN-EN 1092-2
- base B75 acc. PN-M-51038
- operating wrench acc. PN-63/M-74085, DIN 3223

No.	Part	Material	Standard
1	Operating nut	EN GJS-500-7	PN-EN 1563
2	Cover	EN GJS-500-7	PN-EN 1563
3	Overground column	EN GJS-500-7	PN-EN 1563
4	Base 75	Ak-11 / Aluminium	PN-91/M-51038
5	Cover 75	Ak-11 / Aluminium	PN-91/M-51024
6	Special cover bolt	A2	PN-EN ISO 4762
7	Washer	A2	PN-EN ISO 7089
8	Nut	A2	PN-EN ISO 4032
9	Lock DN80	EN GJS-500-7	PN-EN 1563
10	Nut Tr	CW617N	PN-EN 12164
11	Bolt Tr	1.4021	PN-EN 10088-1
12	Slider	EN GJS-500-7	PN-EN 1563
13	Drainage plug	PE	PN-89/C-89286
14	Underground column	EN GJS-500-7	PN-EN 1563
15	Bushing	Copper	PN-79/H92710
16	Half-ring	EN GJS-500-7	PN-EN 1563
17	Piston guide	PE	PN-89/C-89286
18	Slider spring	Spring steel	PN-EN 10088-1
19	Bottom closing piston	EN GJS-500-7 + EPDM	PN-EN 1563 PN-EN 681-1
20	Top closing piston	EN GJS-500-7 + EPDM	PN-EN 1563 PN-EN 681-1
21	Pin	Spring steel	PN-EN ISO 8752
22	Rod	S235JR / Zn5 / A2	PN-EN 10219-2 PN-EN 10088-1
23	Pin	Spring steel	PN-EN ISO 8752
24	Pin	Spring steel	PN-EN ISO 8752
25	Distance bushing	1.4021	PN-EN 10219
26	O-ring	EPDM	PN-EN 681-1
27	Base	EN GJS-500-7	PN-EN 1563
28	Flexible pin	Spring steel	PN-EN ISO 8752
29	Top rod	S235JR / Zn5 / A2	PN-EN 10219-2 PN-EN 10088-1
30	O-ring	EPDM	PN-EN 681-1
31	Washer	1.4301	PN-EN 10088-1
32	Top end	1.4021	PN-EN 10088-1
33	Special seal	EPDM	PN-EN 681-1
34	O-ring	EPDM	PN-EN 681-1
35	Bolt	S235JR / Zn5	PN-EN ISO 4762



DN	Height H [mm]	Installation depth Rd [mm]	Weight [kg]
80	2150	1250	62,6
80	2350	1500	63,7