Pillar type fire hydrant
double closing

PN16

FIRE PREVENTION

- STAINLESS STEEL UPPER AND LOWER COLUMN
- ANTI-CORROSION PROVEN GSK RAL CERTIFICATE
- BREAKAGE PROTECTED
- POSSIBILITY OF ROTATION ABOVE PART OF THE HYDRANT

VERSION

8003.2

Product description (standard execution):

• Welded bronze socket constituting a monolithic body with the bottom body, resistant to scratches and surface damage
• Complete drainage after full cut - off the flow
• Double closure of the flow by means of a ball in the valve chamber
• Aeration valve located in the lid that allows dehydration hydrant
• Replaceable head - without closing the valve
• Stainless steel stem with rolled thread
• O-ring stem sealing, packing cork protected against medium
• Forged packing cork protected against unscrewing
• EPDM fully vulcanized valve plug
• Coat of arms place
• Kv factor > 80m³/h - (for 1x75); Kv factor > 140m³/h - (for 2x75);
• Dehydration time < 15 min.
• Water-traces < 100 ml (for DN80)
• Initial opening < 3,5 turns; full opening after 8 turns
• MOT 80 Nm
• MST 250 Nm
• Corrosion resistant internal and external parts
• UV resistant epoxy coating minimum 250 microns RAL3000* according to EN 14901, GSK RAL Certyficate
• Resistant against disinfectants (suggested solution NaOCl)
• Flange connection and connector according EN 1092-2 (DIN 2501) pressure PN10; PN16
• Outlet connector 2xB 75 according to DIN 14318
• Control key according to PN-89/M–74088
• Working pressure PN16
• Product according to EN 1074-1; EN 1074-6; EN 14384 TYPE C
• Product marking according to EN 19; EN 1074

Application:

Potable water lines; fire prevention systems temperature range to +50˚C

Test control:

Water pressure test according to EN 1074-1; EN 1074-2; EN 12266-1
Seat: 1,1 xPN
Body: 1,5 x PN
Operation torque test

Accessories:

Hydrant drainage cover - see: 8860

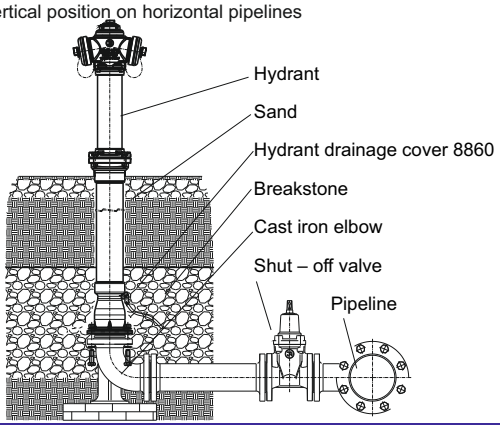
Execution variant:

Self-leveling version

*- other executions on request

Installation:

In vertical position on horizontal pipelines



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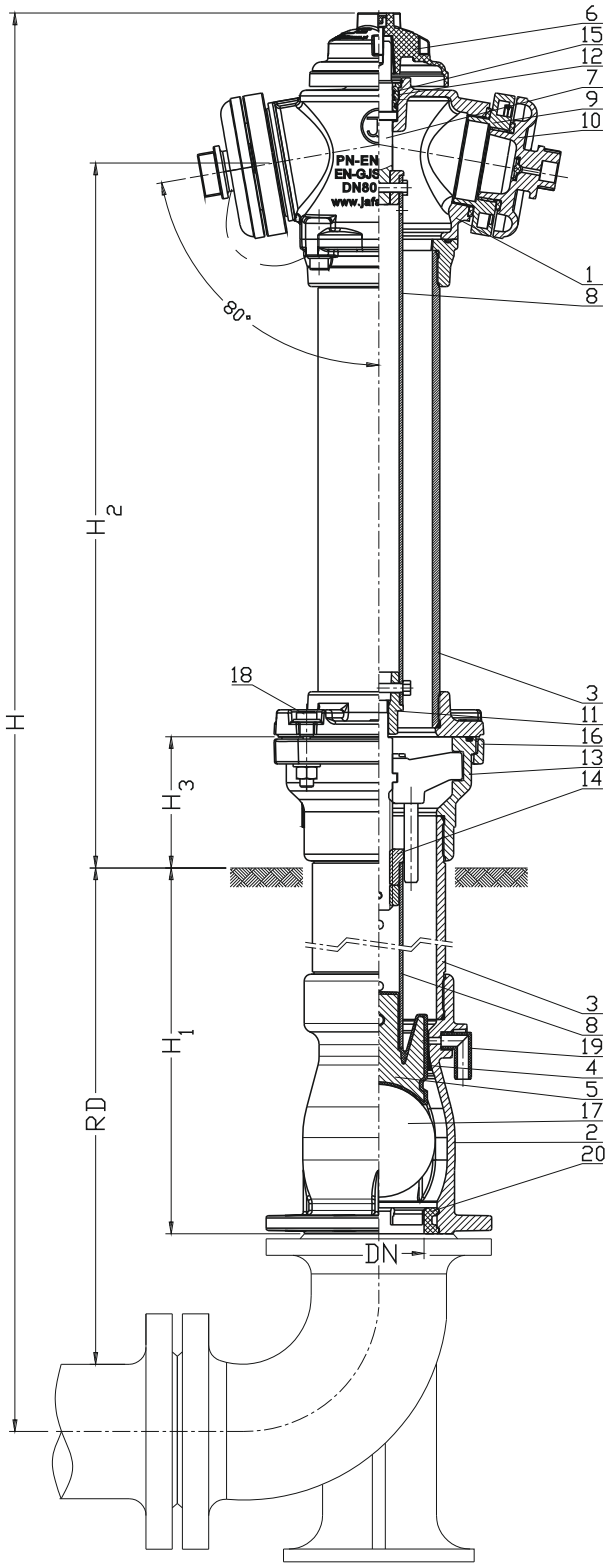

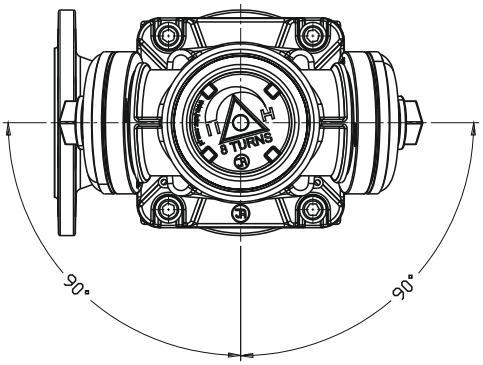

No.	Part	Standard execution
1	Head	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) EN 1560, EN 1503-3
2	Bottom body	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) EN 1560, EN 1503-3
3	Stand pipe	Stainless steel 1.4301, 1.4401(*), 1.4404(*),1.4571(*) EN 10027-2, EN 1503-1
4	Socket	Bronze CuAl7 EN ISO 24373
5	Valve plug	Ductile cast iron EN-GJS 400-15, EN-GJS 500-7(*) Aluminium AlSi (*) / EPDM EN 1560; EN 1706 / EN ISO 1629
6	Cap	Aluminium AlSi EN 1706
7	Stem	Stainless steel 1.4021 EN 10027-2
8	Spindle	Stainless steel 1.4301, 1.4401(*), 1.4404(*),1.4571(*) EN 10027-2
9	Outlet connector B	Aluminium AlSi EN 1706
10	Cover the base	Aluminium AlSi EN 1706
11	Coupling	Stainless steel 1.4301 EN 10027-2
12	Gland seal	Brass CW617N, Bronze CW306G(*) EN 1412
13	Breaking colar	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) EN 1560
14	Stem nut	Brass CW617N, Bronze CW306G(*) EN 1412
15	O-ring gasket	Rubber EPDM EN ISO 1629
16	Presure flange	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) EN 1560
17	Ball	Aluminium AlSi / Pollyamide PA6(*) Rubber EPDM; EN 1706 / EN ISO 16396-2, / EN ISO 1629
18	Screw	Stainless steel A2 EN ISO 4762
19	Dehydrator	Poliacetal POM-K PN-EN ISO 29988-1
20	Ball lock	Poliacetal POM-K PN-EN ISO 29988-1
(*) - other material variants on special request		

DN	RD	L	H	H_1	H_2	H_3	Weight
[mm]							[kg]
80	415	1055	1220	295	640	110	26
80	615	1255	1420	495	640	110	40
80	1000	1640	1805	880	640	110	48
80	1250	1890	2055	1130	640	110	53
80	1500	2140	2305	1380	640	110	58
80	1800	2440	2605	1680	640	110	64