

Pillar type fire hydrant with double closing

PN16

FIRE
PREVENTION



- BREAKAGE PROTECTED
- MONOLITHIC HEAD WITH OUTLET CONNECTORS
- ROTATING HEAD 0° TO 360°

Product description (standard execution):

- Complete drainage after full cut off the flow
- Kv factor > 140 m³/h
- Dehydration time < 15 min.
- Water-traces < 100 ml (for DN80); < 150 ml (for DN100); < 200 ml (for DN150)
- 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
- Beginning of opening < 2 turns; full opening after 13 turns for DN80, DN100, 17 turns for DN150
- MOT 80 Nm
- mST 250 Nm
- Corrosion resistant internal and external parts
- UV resistant epoxy coating minimum 250 microns according to EN 14901
- Resistant for disinfectants (suggested solution NaOCl)
- Flange connection and connector according to EN 1092-2 (DIN 2501) pressure PN10; PN16
- Outlet connector 40 according to NF S61-213/CN
- Outlet connector 65 according to NF S61-213/CN
- Outlet connector 100 according to NF S61-213/CN
- Working pressure PN16
- Product according to EN 1074-1, EN 1074-6 and NF 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 x PN
 Body 1,5 x PN
 Operation torque test

Accessories:

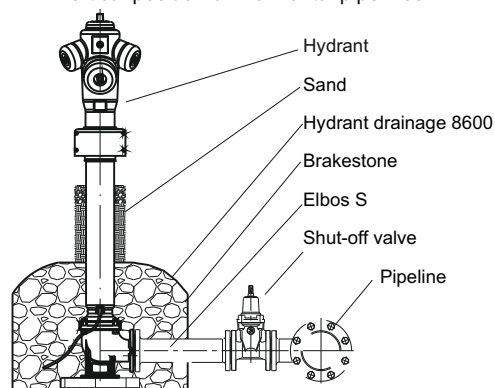
Elbow S type 9270
 Protection of hydrant 8790

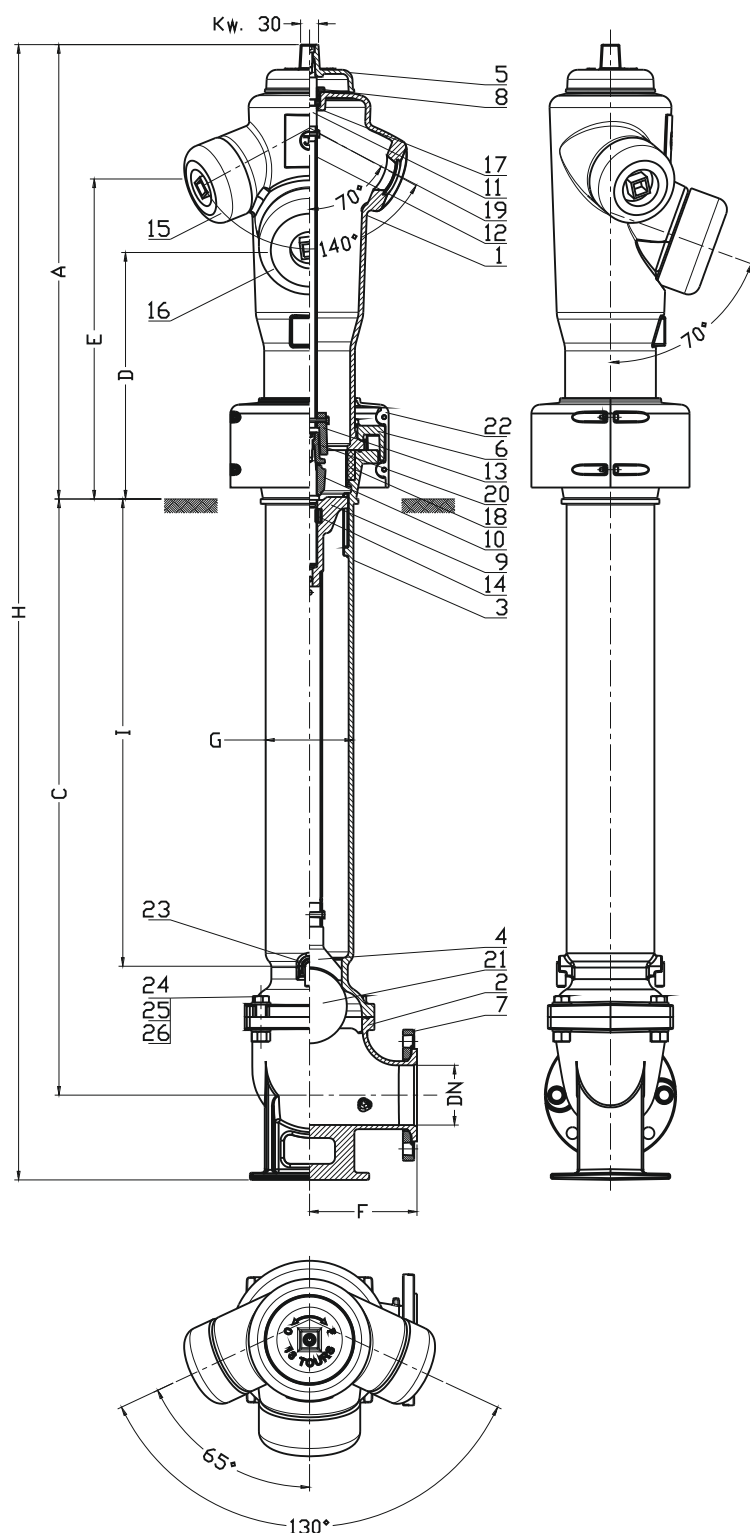
Execution types:

Spare parts made of bronze instead of brass
 Spare parts made of SS 1.4401 instead of SS 1.4301, SS 1.4021
 Bonnets and outlets made of bronze

Assembling:

In vertical position on horizontal pipelines.





No.	Part	Standard execution
1	Head	Ductile cast iron EN-GJS 400-15 EN 1560
2	Elbow S	Ductile cast iron EN-GJS 400-15 EN 1560
3	Stand pipe	Ductile cast iron EN-GJS 400-15 EN 1560
4	Valve plug	Ductile cast iron EN-GJS 400-15 / EPDM ; EN 1560 / EN ISO 1629
5	Cap	Ductile cast iron EN-GJS 400-15 EN 1560
6	Break flange	Ductile cast iron EN-GJS 400-15 EN 1560
7	Free flange	Ductile cast iron EN-GJS 400-15 EN 1560
8	Gland seal	Brass CW617N EN 1412
9	Screw protection	Ductile cast iron EN-GJS 400-15 EN 1560
10	Coupling wings	Brass CW617N EN 1412
11	Stem	Stainless steel 1.4021 EN 10027-2
12	Spindle	Stainless steel 1.4301 EN 10027-2
13	Coupling	Ductile cast iron EN-GJS 400-15 EN 1560
14	Stem nut	Brass CW617N EN 1412
15	Outlet connector B	Aluminium AISi EN 1706
16	Outlet connector A	Aluminium AISi EN 1706
17	O-ring gasket	Rubber EPDM EN 1629
18	Blockade	Aluminium AISi EN 1706
19	Screw	Stainless steel EN ISO 4017
20	Bottom coupling cap	Ductile cast iron EN-GJS 400-15 EN 1560
21	Ball	Aluminium AISi / Polyamide PA6(*) EPDM; EN 1706 / EN ISO 16396-2, / EN ISO 1629
22	Protection of breaking zone	Polipropylene PP EN ISO 19069-1
23	Dehydrator	Polipropylene PP EN ISO 19069-1
24	Screw	Stainless steel A2 EN ISO 4017
25	Nut	Stainless steel A4 EN ISO 4032
26	Washer	Stainless steel A2 EN ISO 7091

DN	H	C	A	E	D	I	G	F	Weight	Connection		
[mm]									[kg]	40	65	100
80	1900	1000	760	540	440	785	148	180	96	x2	x1	-
80	2100	1200	760	540	440	985	148	180	103	x2	x1	-
80	1900	1000	760	-	440	785	148	180	96	-	x1	-
80	2100	1200	760	-	440	985	148	180	103	-	x1	-
100	1900	1000	1830	540	440	785	148	180	96	-	x2	x1
100	2100	1200	760	540	440	985	148	180	103	-	x2	x1
150	1900	1000	760	430	540	785	190	195	120	-	x1	x2
150	2100	1200	760	430	540	985	190	195	128	-	x1	x2

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