



## **OVERGROUND HYDRANT DN 80**

**CAT NO. HD -101**



### **Application**

Water supply installation for fire protection, potable water or non-aggressive fluids supply that do not contain solids

### **Design features**

- \* Hydrant chamber and head - cast iron GJS-500-7 or GJL-250
- \* column - structural steel
- \* mandrel sealing - o’rings
- \* rolled mandrel of stainless steel ( 2H13 )
- \* closed from the bottom
- \* self draining at full closing
- \* pipe - structure steel with anti-corrosion coating
- \* single choke closing
- \* closing choke - cast iron vulcanised with EPDM or NBR rubber
- \* anti-corrosion UV resistant coating

### **Technical specifications, standards**

- \* workmanship, requirements, test methods, application as per PN-EN14384:2009, PN-EN 1074-6:2009
- \* flange connection as per PN-EN 1092-2:1999
- \* nominal pressure PN 10
- \* anti-corrosion coating - powder paint (coating)
- \* maximum driving torque MOT - 50Nm
- \* minimum torsional moment mST - 250Nm
- \* Kv and draining time as per EN 14384:2009

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### **PRZEDSIĘBIORSTWO INŻYNIERYJNO - PRZEMYSŁOWE**

**„Wodrol” Wałcz Spółka z o.o.**

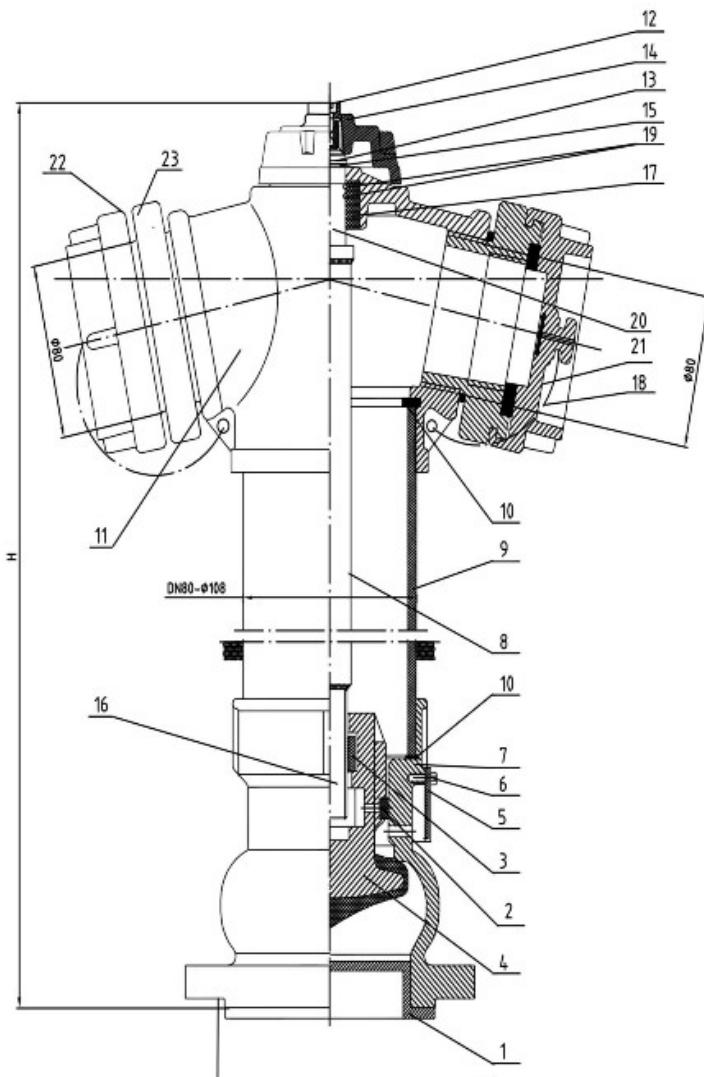
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DN	H+/-30	Installation depth
DN 80	1900 mm	1250 mm
	2150 mm	1500 mm
	2450 mm	1800 mm



Flange connection as per PN-EN 1092-2:1999

23	Thimbles 75	2 sets	Al	PN-EN 1706:2011
22	Cover	1 set	Al/GJL	PN-M-51024:1991
21	Cover with vent valve	1 set	Al/GJL	PN-M 51024:1991
20	Hand wheel mandrel	1	2H13	PN-EN 10088-1:2007
19	Sealing ring "o'ring"	2	NBR/EPDM	PN-ISO 1629:2005
18	Chain/Cord	1	Galvanised steel	DIN 1942 PN-EN 12385-1+A1:2009
17	Bashing	1	M058/Tarnamid	PN-EN 12164:2002
16	Threaded mandrel	1	2H13	PN-EN 10088-1:2007
15	Washer	1	2H13	PN-EN 7091:2003
14	Hand wheel	1	EN-GJL-250	PN-EN 1561:2012
13	Spring plug	1	Steel	PN-EN 8752:2009
12	M8x15 bolt	1	Galvanised steel	PN-EN-ISO 4017:2011
11	Hydrant head	1	EN-GJS 500-7 EN-GJL-250	PN-EN 1563:2012 PN-EN 1561:2012
10	Rubber gasket	2	NBR/EPDM	PN-ISO 1629:2005
9	Pipe ø108	1	12X	PN-EN-10219-1:2007
8	Spindle - galvanised pipe or rod	1	L235 galvanised S235RJ	PN-EN 10224:2006 PN-EN 1025-1:2007
7	Hydrant chamber	1	EN-GJS 500-7 EN-GJL-250	PN-EN 1563:2012 PN-EN 1561:2012
6	M6x12 bolt	1	A2	DIN 933
5	Shield	1	X6Cr17	PN-EN 10088-1:2007
4	Vulcanised hydrant piston	1	EN-GJL-500-7 EN-GJL 250	PN-EN 1563: 2013 PN-EN 1561:2012
3	Brass nut	1	M058	PN-EN 12164:2002
2	Rubber plug	1	NBR/EPDM	PN-ISO 1629:2005
1	Pipe cap ø80	1	Polyethylene	PN-EN ISO 1872-1:2000
Item	Designation	ll.	Material	Standard reference