

MANUFACTURER LOGO OR HEADER

Przedsiębiorstwo Inżynieryjno-Przemysłowe
***WODROL Wałcz** Spółka z o.o.
78-600 WAŁCZ, ul. Chełmińska 6
tel./fax 067 258 32 91
REGON 570245846 NIP 765-10-71-186
KRS 0000171489

AUTHORIZATION

FOR DELIVERY OF PRODUCTS

We **WODROL WAŁCZ SPÓŁKA Z O.O.**, whose registered office is located in Wałcz, Chełmińska street 6, registration no 765-10-71-186 as manufacturer of the hydrants, and having production facilities in Wałcz, Chełmińska street 6, hereby authorise the company **S.C. ROBMET SRL, SAT GARCINA, COMUNA GARCINA PUNCT PORCARIE JUDET NEAMT , ROMANIA CODE 617200**, to sell the above mentioned products and act as our exclusive distributor in Romania.

We hereby guarantee the quality and performance of offered products and authorize **S.C. ROBMET SRL, SAT GARCINA, COMUNA GARCINA PUNCT PORCARIE JUDET NEAMT, ROMANIA CODE 617200**, to ensure that products meet the obligations under the supply contract, relating to services installation and commissioning, maintenance and service.

Date

21.03.2016

MANUFACTURER

Dyrektor Zarządu

Ryszard Sebek



JEDNOSTKA CERTYFIKUJĄCA

The Certification Body

**CENTRUM NAUKOWO-BADAWCZE
OCHRONY PRZECIWPOŻAROWEJ**

im. Józefa Tuliszkowskiego

**SCIENTIFIC AND RESEARCH CENTRE
FOR FIRE PROTECTION**

POLSKA

05-420 Józefów k/Otwocka, ul. Nadwiślańska 213



EC-CERTIFICATE OF CONFORMITY

No. 1438/CPD/0165

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive – CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction product

Product:

**Pillar fire hydrant DN100
type A according to EN 14384:2005
Catalogue No. HD-100**

placed on market by:

Name and address of the
producer or its authorized
representative:

**Przedsiębiorstwo Inżynieryjno-Przemysłowe
"Wodrol" Wałcz Sp. z o.o.
ul. Chelmińska 6
78-600 WAŁCZ**

and produced in the
factory:

**Przedsiębiorstwo Inżynieryjno-Przemysłowe
"Wodrol" Wałcz Sp. z o.o.
ul. Chelmińska 6
78-600 WAŁCZ**

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan and that the Centrum Naukowo-Badawcze Ochrony Przeciwpożarowej has performed the initial type-testing for the relevant characteristics of the product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of conformity and the performances described in Annex ZA of the standard:

EN 14384:2005 Pillar fire hydrants

were applied and that the product fulfils all the prescribed requirements.

This certificate was first issued on 4 June, 2009 and remains valid as long as the conditions laid down in the harmonized technical specification in reference or the manufacturing conditions in the factory or the factory control production itself are not modified significantly and obligations written down in the agreement No. 37/DC/2009 of 4 June, 2009 are met by producer or its authorized representative.



**HEAD DIRECTOR OF
CENTRUM NAUKOWO-BADAWCZE
OCHRONY PRZECIWPOŻAROWEJ**

mł. bryg. dr inż. Dariusz Wróblewski

Józefów: June 4, 2009



PRZEDSIĘBIORSTWO INŻYNIERYJNO – PRZEMYSŁOWE

„Wodrol” Walcz Spółka z o.o.

ul. Chelmińska 6, 78-600 Walcz

Phone numbers: Management 67 258 47 49, Sales Department tel/fax 67 258 32 91, 67 250 07 78

Tax No. 765-10-71-186 e-mail: wodrol@wodrol-walcz.pl, www.wodrol-walcz.pl

Ref. No.

Walcz,



DECLARATION OF PERFORMANCE NO. DWU 003/2014

1. Unique identification code for the product type:

Overground hydrant DN 100 PN 10/16 Type A Cat. no. HD - 100



2. Type, batch or serial number or number of any other element allowing for identification of the construction product as required under Article 11 Section 4:

Overground hydrant DN 100 PN 10/16 Type A Cat. no. HD - 100

3. Use or uses of the construction product intended by the manufacturer in accordance with the applicable harmonised technical specification:

The product is used in water supply systems for drinking water and in fire mains for extinguishing fires with a maximum pressure of 1.6 MPa (16 bar)

4. Name, registered trade name or trademark and the contact address of the manufacturer, required under Article 11 Section 5:

**Przedsiębiorstwo Inżynieryjno - Przemysłowe „WODROL” Walcz Spółka z o.o.
ul. Chelmińska 6, 78-600 Walcz
www.wodrol-walcz.pl, wodrol@wodrol-walcz.pl**

5. Where appropriate, the name and contact address of the authorised representative, whose authorisation includes the tasks referred to in Article 12 section 2: not applicable
6. System or systems of assessment and verification of the stability of performance of a construction product referred to in Appendix V:

System 1

7. Notified product certification body:

**Centrum Naukowo-Badawcze Ochrony Przeciwpowodziowej
im. Józefa Tuliszkowskiego
05-420 Józefów k/Otwocka
ul. Nadwiślańska 213
No. 1438**

has carried out in system 1:

- A determination of product type on the basis of type testing.
- Initial inspection of the production plant and the internal production control,
- Continuous surveillance, assessment and evaluation of internal production control

and has issued the EC Certificate of Conformity No. 1438/CPD/0165 dated 04.06.2009, and the Certificate of Approval No 2099/2014 of 15.05.2014



PRZEDSIĘBIORSTWO INŻYNIERYJNO – PRZEMYSŁOWE

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Phone numbers: Management 67 258 47 49, Sales Department tel/fax 67 258 32 91, 67 250 07 78

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Ref. No.

Walcz,

8. Product technical assessment body:

9. Declared performance

Essential performance	Performance	Harmonised technical specification
Reliability of operation - Design - Pressure - Closing direction - Number of rotations to open - Resistance of the hydrant to operational loads - Resistance to disinfectants - Hydraulic characteristics	Meets 1.6 MPa Clockwise 7,5 rotations Meets Meets Kv for size: 65 mm = 98,0 100 mm = 163,4	PN-EN 14384:2009
Connection dimensions	Inlet: DN 100 Outlet: 2 x DN 65, 1 x DN 100	
Durability of operational reliability with respect to corrosion	Inner and outer polyester coating 140÷350µm	
Durability of operational reliability; wear resistance	Meets	

10. Performance of the product referred to in Section 1 and 2 are consistent with the performance declared in Section 9.

This declaration of performance is issued under the sole responsibility of the manufacturer specified in Section 4.

Signed on behalf of the manufacturer:

Marek Soszyński, MSc Eng. - Plant Production Control Manager

Walcz, 01.07.2013

(place and date of issue) (signature)

PEENOMOCNIK
d/s Zakładowej Kontroli Produkcji
mgr inż. Marek Soszyński

OVERGROUND HYDRANT DN 100

CAT NO. HD -100



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

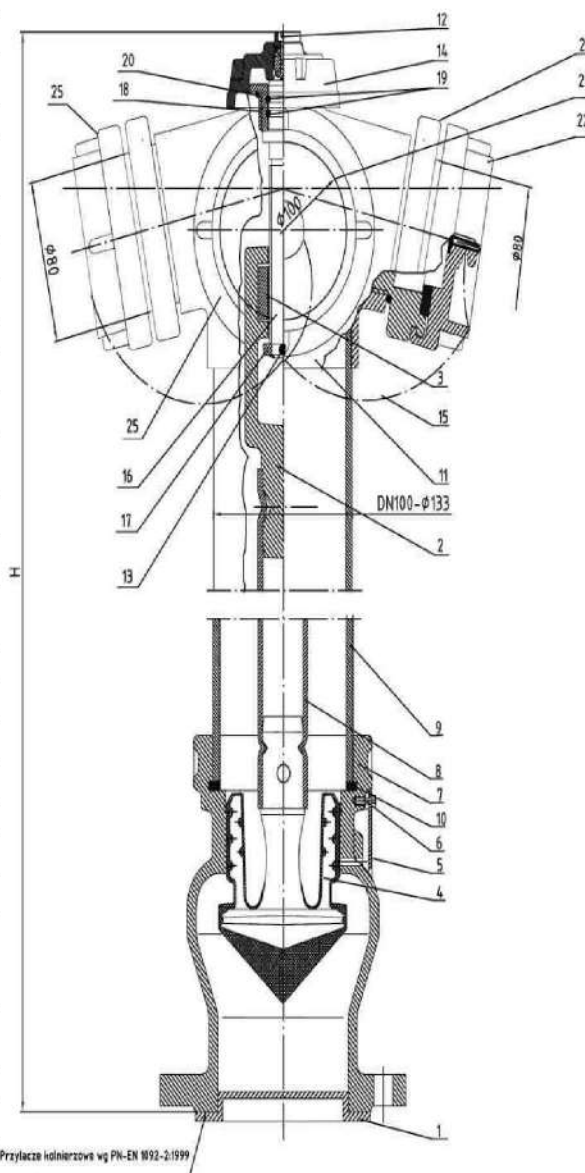
- * workmanship, requirements, test methods, application as per PN-EN14384:2009, PN-EN 1074-6:2009
- * flange connection as per PN-EN 1092-2:1999
- * nominal pressure PN 10
- * anti-corrosion coating - powder paint (coating)
- * maximum driving torque MOT - 50Nm
- * minimum torsional moment mST - 250Nm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

OVERGROUND HYDRANT DN 100

CAT NO. HD -100

DN	H+/-50	Installation depth
DN 100	1924 mm	1250 mm
	2174 mm	1500 mm
	2474 mm	1800 mm

25	Aluminium thimbles 110	1 set	Al	PN-EN 1706:2011
24	Aluminium thimbles 75	2 sets	Al	PN-EN 1706:2011
23	Cover 110	1 set	Al/GJL	PN-EN 51024:1991
22	Cover with vent valve	1 kpi	Al/GJL	PN-EN 51024:1991
21	Cover 75	1 set	Al/GJL	PN-EN 51024:1991
20	O ring 038x4	1	NBR	PN-EN 1629:2005
19	O ring 025x4	2	NBR	PN-EN 1629:2005
18	Choke		M058	PN-EN 12164:2002
17	Washer		St-3	PN-EN ISO 7091:2003
16	Threaded mandrel		2H13	PN-EN 10088-1:2007
15	Chain/ cord		Galvanised steel	DIN 1942/ PN-EN 12385-1+A1:2009
14	Hand wheel		GJL-250	PN-EN 1561:2012
13	Cotter		Galvanised steel	PN-EN ISO 1234:2001
12	M8x15 bolt		Galvanised steel	PN-EN-ISO 4017:2011
11	Hydrant head		GJL-250	PN-EN 1561:2012
10	Rubber gasket		NBR	PN-ISO 1629:2005
9	Pipe 0133		12X	PN-EN 10219-1:2007
8	Pipe 032		L235 galvanised	PN-EN 10224:2006
7	Hydrant chamber		GJL-250	PN-EN 1561:2012
6	M6x12 bolt		A2	DIN 933
5	Shield		X6Cr17	PN-EN 10088-1:2007
4	Vulcanised hydrant GJS 500-7 piston		GJS 500-7/ NBR/EPDM	PN-EN 1563:2012
3	Spindle nut		MO 58	PN-EN 12164:2002
2	Body twisted		GJS 500-7	PN-EN 1563:2012
1	Pipe cap 0100		Polyethylene	PN-EN ISO 1872-1:2000
Lp.	Name	Il.	Material	Standard reference



HIDRANT SUPRATERAN RETEZABIL DN100 OVERGROUND HYDRANT DN100

DIMENSIUNI DE GABARIT/ OVERALL DIMENSIONS				
DN	PN	L	RD	Greutate/Weight
100	10/16	1900 mm	1250 mm	60 kg
	10/16	2150 mm	1500 mm	65 kg
	10/16	2450 mm	1800 mm	67 kg

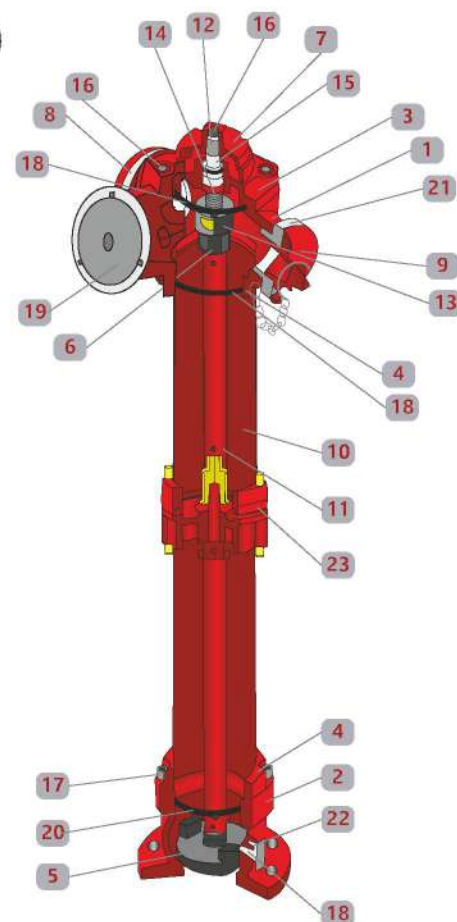


COD PRODUS / PRODUCT CODE
HSRDF-1

MATERIALE ȘI CARACTERISTICI CONSTRUCTIVE / MATERIALS AND CONSTRUCTION CHARACTERISTICS

- Design industrial, brevetat / Patented industrial design
- Solutie cu sistem de separare eficienta, brevetata / Patented efficient break-away system solution
- Fabricatie in conformitate cu EN 1074-1/6:2002 / EN 14384:2009 / Manufactured accordance to EN 1074-1/6:2002
- Cuplaj cu flansa in conformitate cu EN 1092-2:1999 [DIN 2501] PN10/16 / Flange connections accordance to EN 1092-2:1999 [DIN 2501] PN10/16
- Doua racorduri cu flansa conform DIN 14318 – STORZ la presiunea nominala PN10/16 / Two connection couplings accordance to DIN 14318 – STORZ at nominal pressure PN10/16
- Hidrantul poate fi prevazut cu alte tipuri de racorduri in conformitate cu specificatiile pietei interne / Hydrant can be equipped in other types of couplings accordance to domestic market specification
- Interior si exterior acoperit integral cu vopsea epoxidica cu rezistenta ridicata la coroziune, cu grosime min. de 250µm in culoarea RAL5015/3000, conform EN ISO 12944-5:2009, rezistenta electrica 3 kV inclusiv aditiv anti-UV / 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
- Posibilitatea montarii si demontarii componentelor hidrantului fara a afecta suprafata exterioara / Possibility of hydrant elements assembly and disassembly without necessity to surface interference surrounding hydrant
- Posibilitatea rotirii capului pana la 360° / Possibility of head turnover in range of 360°
- Golirea are loc la momentul inchiderii complete a hidrantului / Drainage takes place at the moment of complete closing of the hydrant
- Baza si capacul bazei sunt facute din aluminiu sau fonta. Corpul si piciorul hidrantului sunt din fonta cu grifier sau fonta cu grafit nodular, coloanele conform optiunilor din tabelul de mai jos, dornul din inox, piulita dornului din alama cu filet trapezoidal / 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
- Temperatura mediului: 50°C / Medium temperature: 50°C
- Calitatea si repetabilitatea in conformitate cu EN ISO 9001:2008 / Quality and repeatability accordance to EN ISO 9001:2008

HIDRANT SUPRATERAN RETEZABIL DN100 OVERGROUND HYDRANT DN100



COD PRODUS / PRODUCT CODE
HSRDF-1

No	Descriere/Description	Material
1	Corpul superior / Upper body	Fonta EN GIL-250 / Fonta grafit nodular EN GIS 500-7 / Cast iron EN GIL-250/ Ductile Iron EN GIS 500-7
2	Corpul inferior / Bottom body	Fonta EN GIL-250 / Fonta grafit nodular EN GIS 500-7 / Cast iron EN GIL-250/ Ductile Iron EN GIS 500-7
3	Capacul superior / Upper lid	Fonta EN GIL-250 / Fonta grafit nodular EN GIS 500-7 / Cast iron EN GIL-250/ Ductile Iron EN GIS 500-7
4	Inelul de sprijin / Thrust collar	Fonta EN GIL-250 / Fonta grafit nodular EN GIS 500-7 / Cast iron EN GIL-250/ Ductile Iron EN GIS 500-7
5	Pistonul de inchidere / Closing piston	Fonta grafit nodular / Ductile iron EN GIS 500-7 EPDM
6	Suportul piulitei / Nut holder	Fonta grafit nodular / Ductile iron EN GIS 500-7
7	Manerul de operare / Operating knob	Fonta grafit nodular / Ductile iron EN GIS 500-7
8	Cupla / Coupling	Aliaj de aluminiu / Aluminium alloy
9	Capacul cuplei / Cupling lid	Aliaj de aluminiu / Fonta EN GIL-250 / Aluminium alloy / Cast iron EN GIL-250
10	Coloana de sustinere / Support column	Conform tabelului de mai jos / Accordance to below table
11	Conectorul interior / Inner connector	Otel / otel zincat / inox / Steel / galvanized steel / stainless steel
12	Mandrina / Mandrel	Inox / Stainless steel X20 Cr13-1.4021
13	Dopul / Plug	Alama / Brass CuZn39Pb2
14	Dopul / Plug	Poliamida / Polyamide
15	Reazemul distantier / Distance pad	Poliamida / Polyamide
16	Bucsa / Bushing	Poliamida / Polyamide
17	Surub cu locas hexagonal / Allen screw	Otel /Steel ST35/Zn5
18	Scurgere / Drainage	Poliamida / Polyamide
19	Protectie / Protection	Poliamida / Polyamide
20	Garnitura profilata / Shaped sealing	EPDM
21	Garnitura inelara / O-ring sealing	EPDM
22	Surub / Screw	Otel / Steel ST35/Zn5
23	Lant / Chain	Otel / Steel ST35/Zn5
24	Protectie contra spargerii / Breaking protector	Fonta grafit nodular / Ductile iron EN GIS 500-7

Ne rezervăm dreptul de a modifica, fără notificare, dimensiunile în funcție de evoluțiile tehnice
Rights reserved to modify, without notice, dimensions depending of technical evolution



Management Service

CERTIFICATE

The Certification Body
of TÜV SÜD Management Service GmbH

certifies that



**Przedsiębiorstwo Inżynieryjno-Przemysłowe
"WODROL" Wałcz Spółka z o.o**

**ul. Chełmińska 6
78-600 Wałcz
Poland**

has established and applies
a Quality Management System for

**Production and sales of industrial fittings
for water - sewerage economy needs.**

An audit was performed, Order No. **73419233**.

Proof has been furnished that the requirements
according to

ISO 9001:2015

are fulfilled.

The certificate is valid from **2019-07-31** until **2022-07-30**.

Certificate Registration No.: **12 100 22567 TMS**.

Product Compliance Management
Munich, 2019-07-05

