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**MOHÁCSI VASÖNTÖDE**

Since 1894

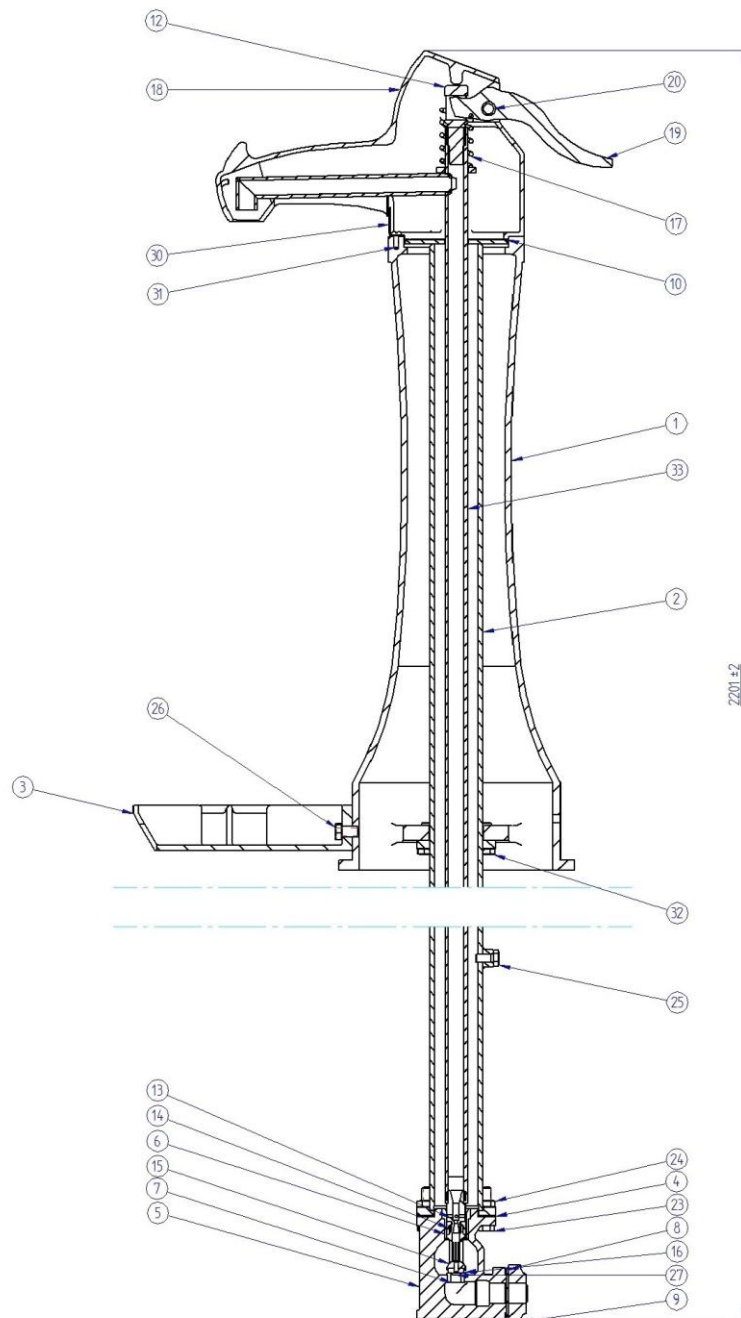
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## PRODUCT SPECIFICATION

Description: Public well with ejector

Product number: EK87-00

Nr	Pc	Description	Drawing Nr
1	1	Body	EK-87-01
2	1	Protecting pipe	EK78-12
3	1	Shell	EK-78-09
4	1	Seal	EK83-18
5	1	Valve box	EK83-26
6	1	Intake	EK83-21
7	1	Seat ring	EK83-25
8	1	Sealing ring	EK83-27
9	1	Fixing flange	EK83-28
10	1	Disk	EK 78-24
12	1	Head Part	EK 78-20
13	1	Intake	EK83-15
14	1	Sleeve	EK83-22
15	1	Valve body	EK83-23
16	1	Valve ring	EK83-24
17	1	Spring	EK-78-21
18	1	Outtake cover	EK-78-06
19	1	Lever	EK-78-08
20	1	Shaft	EK 78-23
21	2	Hexagon head bolt DIN 931 M12x55	
22	2	Hexagon nut DIN 934 - M12	
23	4	Hexagon head bolt DIN 931 M10x45	
24	6	Hexagon nut DIN 934 - M10	
25	1	Hexagon head screw ISO 8676 - M10 x 1 x 20 - 5.6	
26	1	Hexagon head bolt DIN 931 M12x55	
27	1	Bolt ISO 1580 - M5x12	
28	1	Rivet	5x35
29	2	Stud bolt M10x25	M10x25
30	1	Cover	EK 78-26
31	1	Bolt ISO 1580 - M6x14	
32	4	Hexagon head screw ISO 8676 - M10 x 1 x 30 - 5.6	
33	1	Pipe	EK78-10



**Mohácsi Vasöntöde Kft.**

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Cégjegyzékszám: 0209061982 ■ Adószám 11006536-2-02 ■ Bank: 10400779-49485050-48481000 ■ IBAN HU80 1040 0779 4948 5050 4848 1000 ■ SWIFT: OKHBHUHB



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**Area of application:**

Connected to the water supply system of municipalities, they are suitable to be used as public well mainly for withdrawing drinking water. The temperature of the drinking water entering in contact with the product shall not exceed 30°C.

**Material of the main parts:**

EN-GJL-200 (cast iron): pillar, bowl, valve box, back up flange, guide disc, outlet cover, lever arm

EN-GJS-500-7 (ductile iron): joint head

Brass: guide insert, seat, gasket, valve box

Steel: axle, connection pipe, subsoil pipe, compression spring

EPDM rubber: seal, O-ring, gasket sleeve, valve ring

**Variants available:**

	<b><u>Unit weight (kg)</u></b>	<b><u>Product code</u></b>
PUBLIC WELL WITH EJECTOR WITHOUT BOWL	55	6-03-01
PUBLIC WELL WITH EJECTOR WITH BOWL	60	6-03-04

**Installation:**

In a manhole or on the ground, mounted onto a concrete basement. Anti-tilting shall be ensured by spreading cement mortar under the well. When installing in a manhole, the subsoil pipe shall be secured to the manhole walls by 2 pcs of steel clamps.

After installation and before its first use, it is recommended to drain off the public well with an ejector to eliminate eventual impurities. The soaking water must not be used for domestic purposes, let it flow into the storm drains.

**Functioning:**

To open the tap, push down the lever arm. Close position is reached automatically when releasing the lever arm. Once closed, the water left inside the connection pipe flows into the subsoil pipe placed below frost depth. The public well is thus protected from frosting in winter and does not require any thawing-out. When opening it again, this water gets sucked up into the tube by the ejector fitted in the valve system. The process is repeated at each opening operation. It is therefore recommended to drain it off after outages to remove the water stagnating in small volumes inside the well. The water obtained by the draining off or rinsing must not be used for drinking or for culinary purposes!

**Withdrawal of water:**

Outflow into a recipient through an outlet size 1/2".

**Connection to main water:**

Threaded, C 3/4"

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**Cleaning, disinfecting, and repairing:**

Can only be disinfected by using a disinfectant tested and approved by the Office of the Chief Medical Officer. Use the proper disinfectant in accordance with the product data sheet. The inside structure of the well can be removed after the outlet cover has been taken off, without having to excavate the whole body.

**Finish:**

Parts protected by an epoxy-based multilayer weatherproof coating system, according to the requirements of the Office of the Chief Medical Officer. Inside casting surface treated with bicomponent epoxy coating tested and certified by the National Public Health and Medical Officer Service.

**Notes:**

Pursuant to Article 86 (1) of Act CXL of 2004 on the general regulations for administrative proceedings and services, Article 7 (1) of Act XI of 1991 on the health authority and related administrative activities, and Article 8/A (1) of Government Decree No. 201/2001 (25 Oct.) on the quality requirements and the control procedures of drinking water, both the notifier and, in case of redistribution, the redistributor has reporting obligations with regard to the materials and products entering into direct contact with the water during the supply of drinking and domestic hot water or, in case of distribution or redistribution, with regard to the conditions of use of the registered material and product.

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