

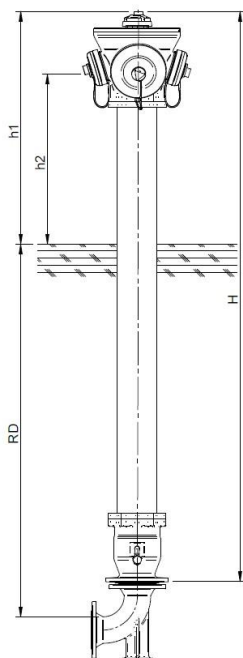
ABOVE GROUND TELEMETRIC HYDRANT



Material: Head and base – Nodular cast iron GJS400/500, Outer pipe – stainless steel

Protection: Epoxy powder coating with a minimum thickness of 250 µm

Nominal pressure: NP10/16bar



Code	DN	RD	Socket			Hydrant Body			Weight (kg)
			A	B	C	H (mm)	h1 (mm)	h2 (mm)	
2500002	80	1000	-	1	2	2000	1120	920	55
2504002	80		-	2	-				
2500302	100		1	2	-				56
2501111	100		-	2	-				
2500004	100		-	1	2				
2501401	80	1250	-	1	2	2250	1120	920	58
2501402	80		-	2	-				
2501403	100		1	2	-				59
2501405	100		-	2	-				
2501404	100		-	1	2				
2501501	80	1500	-	1	2	2500	1120	920	60
2501502	80		-	2	-				
2501503	100		1	2	-				61
2501505	100		-	2	-				
2501504	100		-	1	2				

* At the customer's request, it is possible to manufacture a hydrant with a different height.

**Product Description:**

The telemetry above-ground hydrant represents a modern solution for real-time monitoring and management of water supply systems. An integrated telemetry unit enables remote reading and monitoring of flow, pressure, and hydrant status via mobile networks or LoRa/NB-IoT technology. Such a system significantly enhances maintenance efficiency, promptly detects faults, and optimizes water resource management.

Technical data:

The above-ground hydrant in its standard version includes: a piston made of ductile cast iron EN-GJS, fully vulcanized, with an automatic suction and exhaust air valve, and with automatic drainage. The sealing head is designed in relation to the seat so that the opening and fluid flow characteristics are in a linear function; the hydrant head cover is fully compliant with domestic and international standards, allowing the use of prescribed keys for opening and closing the hydrant.

The hydrant is manufactured according to the EN 14384 standard.

Servicing is possible without excavating the hydrant.

Remote monitoring and control via mobile network.

Battery-powered with a long lifespan (5–10 years).

Automatic detection of leaks and unauthorized water usage.

Benefits of telemetric hydrant:

- Reduces operational costs and network losses
- Enhances security and transparency in water usage
- Enables maintenance planning based on real data
- Supports the concept of smart cities and sustainable resource management