



DFP10 Ground Fire Hydrants are critical safety components in firefighting systems, designed to provide a reliable water supply for fire suppression. These hydrants are installed at ground level, allowing easy access for firefighters to connect hoses and access high-pressure water quickly during emergencies.

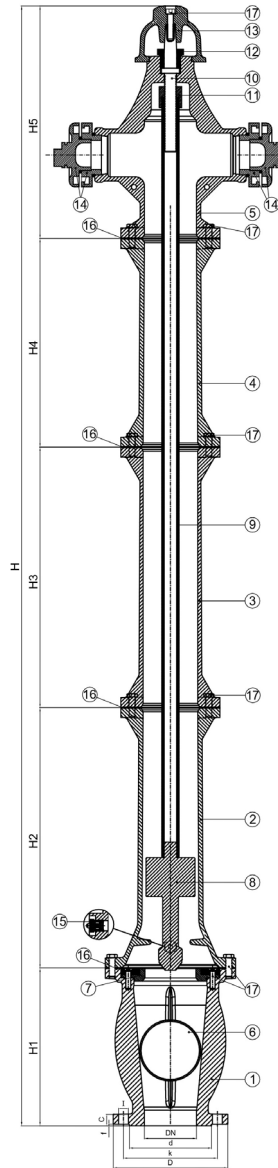
A DFP10 Ground Fire Hydrant typically features a robust construction with a valve mechanism that controls the flow of water. The hydrant is connected to the municipal water supply, ensuring a steady and reliable source of water when needed. Its design allows for quick operation and efficient water flow, crucial for effective firefighting.

### Scope of Application

- Urban Areas
- Residential Neighborhoods
- Commercial and Industrial Zones
- Public Facilities
- Parks and Recreational Areas
- High-Rise Buildings
- Industrial Plants
- Transportation Hubs

### Optional

Steel



### Material Specifications

NU	PART NAME	MATERIAL
1	Lower Body	EN GJS 500 – Ductile Iron
2	Lower Pipe	EN GJS 500 – Ductile Iron
3	Medium Pipe	EN GJS 500 – Ductile Iron
4	Upper Pipe	EN GJS 500 – Ductile Iron
5	Upper Body	EN GJS 500 – Ductile Iron
6	Ball	Polyethylene
7	Sealing Flange	EN GJS 500 + EPDM Coated
8	Slide	EN GJS 500 – Ductile Iron
9	Movement Pipe	St37
10	Shaft	AISI 420 – Stainless Steel
11	Movement Nut	Ms58
12	Shaft Ragor	EN GJS 500 – Galvanized Coated
13	Handwheel	EN GJS 500 – Ductile Iron
14	Outlets	Aluminum
15	Discharge Valve	Ms58
16	O-Ring	EPDM
	Gaskets	EPDM
17	Bolts	8.8 Galvanized – Stainless Steel



### Dimensions

DN (mm)	Size	D	k	d	lxn	C	f	H	WEIGHT
80	Short Size 1	200	160	132	19x8	19	3	125cm	55
	Short Size 2							145cm	65
	Medium Size							175cm	71
	Long Size							215cm	80
100	Short Size 1	220	180	156	19x8	19	3	125cm	60
	Short Size 2							145cm	66
	Medium Size							175cm	77
	Long Size							215cm	85

