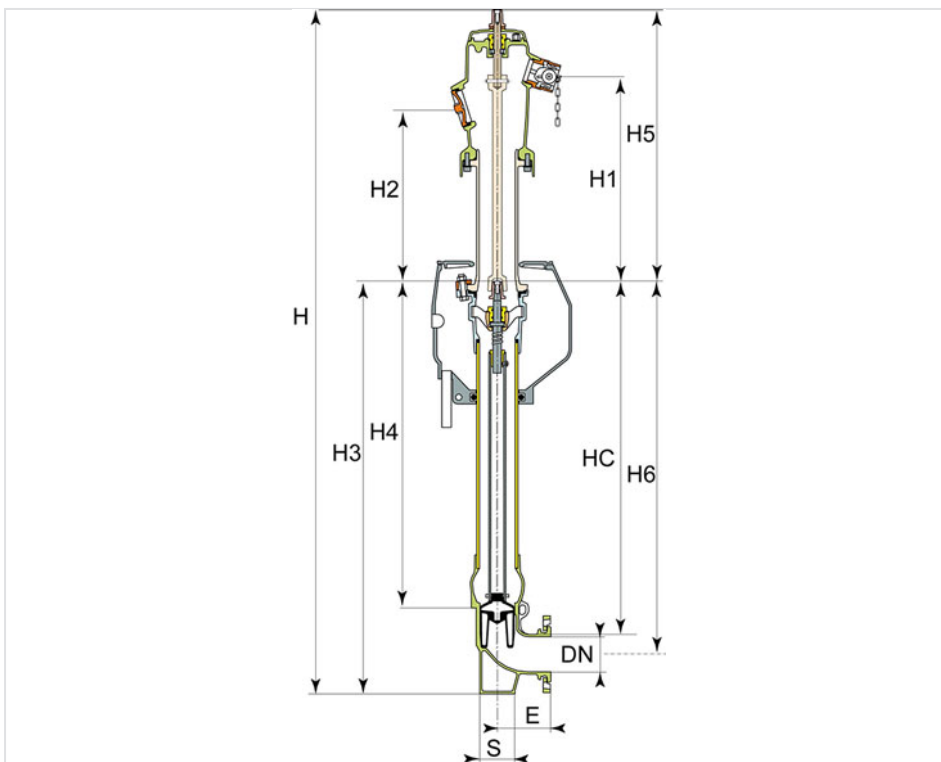




Fire hydrant C9+ Traffic DN100 - Model for SINGAPORE



DN (mm)	H (mm)	HC (mm)	H1 (mm)	H2 (mm)	H3 (mm)	H4 (mm)	H5 (mm)	H6 (mm)	E (mm)	S (mm)	Mass (kg)	References
100	2015	1066	584	497	1235	987	780	1123	152	100x90	95.00	227526



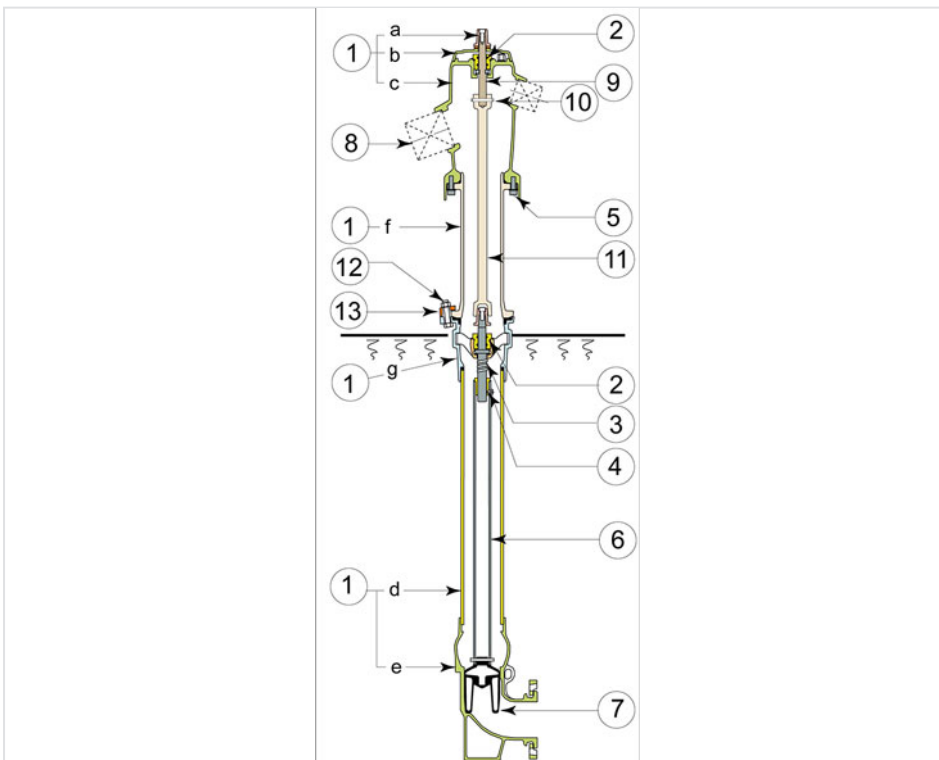
Field of use

Fire hydrants pillar or underground type are designed, according to applicable standards and regulations, for exclusive use of fire protection and using drinking water or raw water network.

They must be handled and used in strict compliance with the recommendations and best practice by personnel trained with these recommendations.

These devices must be inspected periodically (as required by regulations or recommended instructions) to verify and maintain their proper and safe operation.

Material and coating



Item	Designation	Material	Coating
1	1a -Operating cap	Ductile iron GS EN GJS 400-15 or 500-7 EN 1563	Dacromet + grey Polyurethane 20 µm
	1c -Upper body	Ductile iron GS EN GJS 400-15 or 500-7 EN 1563	Red-brown Epoxy powder 250 µm + red Polyurethane 40 µm
	1f - Lower Body	Ductile iron GS EN GJS 400-15 or 500-7 EN 1563	Epoxy powder 250 µm + red Polyurethane 40 µm
	1 g – Screwed box	Ductile iron GS EN GJS 400-15 or 500-7 EN 1563	Epoxy powder 250 µm + red Polyurethane 40 µm
	1d-Extension tube	Ductile iron GS EN GJS 400-15 or 500-7 EN 1563	Blue Epoxy powder 250 µm



Item	Designation	Material	Coating
	1e -Valve box	Ductile iron GS EN GJS 400-15 or 500-7 EN 1563	Blue Epoxy powder 250 µm
	1b- Cover	Polyamide P A 6	Red polyurethane paint
2	Upper and lower bush	Brass type Cu Zn 39 Pb 2EN 12164	
3	Operating stem	Steel type X20 Cr 13 EN 10088-3	
4	Operating nut	Brass type Cu Zn 40 Pb 2 EN 12164	
5	Fixing screw	Steel type CL 8/8	Bichromated zinc
6	Operating rod	Steel type Tu 56 B NF EN 10240	Galvanized
7	Valve	Ductile iron GS EN GJS 400-15 or 500-7 EN 1563	Encapsulated EPDM
8	Outlets	Depending on models	
9	Operating shaft	X20 Cr 13 EN 10088-1	
10	Pin	X20 Cr 13 EN 10088-1	
11	Operating spindle	(OS) Forged steel C35 - NF EN 10083-1	25 microns black cataphoresis
12	Bolts and nuts	Steel type CL 8/8	Bichromated zinc
13	Breakable traffic clamping shim	Ductile iron	250 microns fusion bonded blue epoxy + red polyurethane

Notice [NPPI 01 A](#)

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