INTERNAL HYDRANT DN25 – RETRACTABLE WERSION

Internal hydrant DN25 mounted on the wall with 25mm semi-rigid fire hose - retractable wersion. Universal design: possible to connect to water supply as left or right side. Working pressure from 0,2 to 1,2 MPa.

Hydrant weight: about 13 kg

Europallet (120 x 80 x height up to 200 cm): 12 pcs.

HYDRANT DIMENSION:
Height:
Width: pfi 500 mm
Depth: 250 mm

RECESS DIMENSION:
Height: n/a
Width: n/a
Depth: n/a

Standard design:

- 25 brass hydrant valve Supron 3 manufacturing
- fire hose reel in RAL 3000 color with water axis and brake for controlling the unwind force
- φ25 mm semi-rigid fire hose 20 m or 30 m length according to PN-EN 694, fixed connection to water axis by crimping the hose with aluminum sleeve
- hydrant nozzle type PWh-25 according to PN-EN-671-1, fixed connection to fire hose by crimping the nozzle with aluminum sleeve
- valve and water axis connection hose; all thread connections without hose clamps
- information plate according to PN-EN 671-1
- documentation: instruction of assembly and maintenance
- guarantee card
- identification number

Code	Type	Hose length	Technical drawing		Instruction
S-25-WW30	retractable wersion	30 m	PDF Adobe	.dwg	
S-25-WW20	retractable wersion	20 m			

HYDRAULIC PROPERTIES

Working pressure: from 0,2 MPa to 1,2 MPa
Diffused conical water stream – not less than 45 degree

		hose 30 mb		hose 20 mb	
Flow rate /efficiency/	**Pressure [MPa]**	**Dispersed stream**	**Compact stream**	**Dispersed stream**	**Compact stream**
Equivalent diameter 10 mm	0,2	61 l/min	60 l/min	65 l/min	64 l/min
	0,4	86 l/min	85 l/min	92 l/min	91 l/min
	0,6	104 l/min	103 l/min	112 l/min	111 l/min

Factor K		**43**		**46**	
Effective coverage range of the water jet at a pressure of 0.2 MPa (plus hose length / 20 m or 30 m):					
Equivalent diameter 10 mm	0,2	4,5 m	11,8 m	4,5 m	11,8 m

Attention! The dependence of the flow rate Q on the pressure P is given by the equation: $Q = K\sqrt{10P}$, where Q is expressed in liters / minute and P in megapascals.

POSSIBILITY OF IMPLEMENTATION

52 VALVE WITH SLANT REDUCTION

Hydrant can be connected to DN52 water supply due to 52 valve with slant reduction

COVER FOR 25 VALVE

CONNECTION OF HOSE CONNECTING HYDRANT VALVE WITH WATER AXIS – STANDARD

- thread connection in standard
- connection by adapter and hose coupling

NOZZLE CRIMPING

- nozzle crimping with aluminum sleeve in standard
- nozzle crimping with brass sleeve