

INTERNAL HYDRANT DN25 MOUNTED ON THE WALL – FIXED VERSION

Product symbol	Product code
PN-EN 671-1[2-25/30] - fixed version	S-25-WIS30
PN-EN 671-1[2-25/20] - fixed version	S-25-WIS20

Internal hydrant DN25 mounted on the wall with 25mm semi-rigid fire hose - fixed version. 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: phi 500 mm
Depth: 250 mm

RECESS DIMENSION:

Height: n/a
Width: n/a
Depth: n/a

SUPPORTING LEGS: (option)

Height: n/a
Amount: n/a



Hydrant protected by:

- trademark established by protective law no 185129
- utility model nr 62999

Standard design:

- 25 brass hydrant valve Supron 3 manufacturing
- fire hose reel in RAL 3000 color with brass water axis and brake for controlling the unwind force
- $\phi 25$ 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

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):					

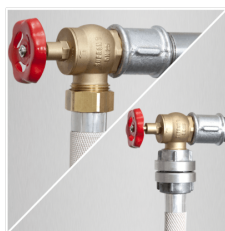
Equivalent diameter 10 mm	0,2	4,5 m	11,8 m	4,5 m	11,8 m
	0,4	7,0 m	14,4 m	7,0 m	14,4 m
	0,6	8,1 m	18,0 m	8,1 m	18,0 m

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



COVER FOR 25 VALVE



CONNECTION OF HOSE CONNECTING HYDRANT VALVE WITH WATER AXIS – STANDARD

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



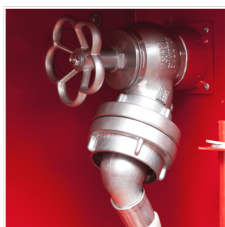
25 VALVE WITH ROTATING ADAPTER – OPTIONAL

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



NOZZLE CRIMPING

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



52 VALVE WITH SLANT REDUCTION

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

