

## INTERNAL HYDRANT DN33 WITH PLACE FOR FIRE EXTINGUISHER – SIDE VERSION



Internal hydrant DN33 with 33 mm semi-rigid fire hose. Mounted on the wall (Z) or recessed (W). Holes for water connection are blanked. Working pressure from 0,2 to 0,7 MPa.



**Hydrant weight:** about 45 kg



**Industry palette** (120 x 100 x height up to 200 cm): 2 pcs.

**HYDRANT DIMENSION:**

Height: 1000 mm  
Width: 400 mm  
Depth: 800 mm

**RECESS DIMENSION:**

Height: 1020 mm  
Width: 420 mm  
Depth: 810 mm



### Standard design:

- hydrant cabinet GALVANIZED steel sheet lacquered with [Facade type polyester powder paint](#) in red (RAL 3000) or white (RAL 9003) color; thanks to cover hinge cabinet door are opening for 180°
- hydrant in a suspended (Z) or recessed (W) version. Recessed version supplied with foldable flange.
- 52 aluminum hydrant valve with slant reduction
- fire hose reel in RAL 3000 color, with water axis
- $\varnothing 33$  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-33 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
- Patent lock
- marking: sign "Hydrant" and "Fire Extinguisher" according to PN-EN ISO 7010:2012 + information plate according to PN-EN 671-1
- documentation: instruction of assembly and maintenance, guarantee card
- identification number



Code	Type	Hose length	Lock	Supports/bases * [height x depth]	Number of supports/bases
S-33-ZGB30-OFP-XXXX	mounted on the wall	30 m	Patent	S-C-PODSTAWA-450X400-OF	2 pcs.
S-33-ZGB20-OFP-XXXX	mounted on the wall	20 m			
S-33-WGB30-OFP-XXXX	mounted in a recess	30 m			
S-33-WGB20-OFP-XXXX	mounted in a recess	20 m			

XXXX – means a color from the RAL palette (red 3000 or white 9003)

\* Bases or supports are additional equipment sold separately

## HYDRAULIC PROPERTIES

Working pressure: from 0,2 MPa to 0,7 MPa

Diffused conical water stream – not less than 45 degree.

Flow rate /efficiency/	Pressure [MPa]	hydrant valve 52 mm		ball valve 32 mm	
		Dispersed stream	Compact stream	Dispersed stream	Compact stream
Equivalent diameter 12 mm	0,2	107 l/min	90 l/min	108 l/min	91 l/min
	0,4	151 l/min	128 l/min	152 l/min	129 l/min
	0,6	184 l/min	157 l/min	185 l/min	158 l/min
<b>Factor K</b>		<b>75</b>	<b>64</b>	<b>76</b>	<b>64</b>
Effective coverage range of the water stream (+ the length of the hose 20 or 30 m)					
Equivalent diameter 12 mm	0,2	4,1 m	10,4 m	4,2 m	10,6 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



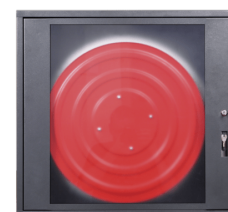
**INOX**

Stainless steel type 304 with 240 cut or 316L. In aggressive environment (e.g. swimming pools) recommended is only 316L steel



**LASER-CUT PATTERN**

On the door, using a laser cutter, we can cut any pattern, lettering or logo



**SAFETY GLASS**

Door with matt or transparent glass. Any graphic can be used



#### PLEXI WINDOW

Window in door protected by plexi

#### INDIVIDUAL COLOR

Any color from RAL pallet

#### NON-STANDARD DIMENSIONS

Possible to adopt dimensions to customer request

#### NOZZLE CRIMPING

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



#### BALL VALVE 32 – OPTIONAL

Possible to use 5/4" ball valve (32)



#### BASES / SUPPORTS

## TYPE OF LOCK



#### PATENT LOCK

Large quantity of cabinets can be opened with one key. The key for emergency opening is located behind the safety glass.



#### EURO LOCK

Twist lock adapted to put seal on.