# INTERNAL HYDRANT DN33 MOUNTED IN RECESS WITH PLACE FOR FIRE EXTINGUISHER - SIDE VERSION 




``` PN-EN 671-1TW-33/30G] -side vession S-33-WBG30 PN-EN \(671-1\) TW-3/2/20G] -side version \(\quad 5-33\)-WBG2
Internal hydrant DN33 mounted in recess with 33 mm semi-rigid fire hose. Holes for water connection are blanked. Working pressure from 0,2 to \(0,7 \mathrm{MPa}\).
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## Hydrant weight: about 46 kg

©


SUPPORTING LEGS: (option)
Height: 450 mm
Amount: 2 pcs.

Hydrant protected by:

- trademark established by protective law no 185129
- EU industrial design no 001777418-0002


## 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 $180^{\circ}$
- 52 aluminum hydrant valve with slant reduction
- fire hose reel in RAL 3000 color, with water axis
- $\varphi 33 \mathrm{~mm}$ 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 nozle type PWh-33 according to PN-EN-671-1, fixed connection to fire hose by crimping the nozze with aluminum sleeve
- valve and water axis connection hose; all thread connections without hose clamps
- Patent lock
- 4 -piece frame for self-assembly
- 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


## 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] | Dispersed stream |  | balve 52 mm <br> Compact <br> stream | Dispersed stream |
| :--- | :--- | :--- | :--- | :--- | :--- | | Compact |
| :---: |
| stream |

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| Equivalent diameter 12 mm | 0,2 | 1071/min | $901 / \mathrm{min}$ | 108//min | 91 //min |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0,4 | $151 / / \mathrm{min}$ | $1281 / \mathrm{min}$ | $152 / / \mathrm{min}$ | $1291 / \mathrm{min}$ |
|  | 0,6 | 184//min | $157 /$ min | $1851 / \mathrm{min}$ | 158//min |
| Factor K |  | 75 | 64 | 76 | 64 |
| 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: $Q=K \sqrt{ } 10 P$, where $Q$ is expressed in liters / minute and $P$ in megapascals.

## POSSIBILITY OF IMPLEMENTATION


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


INDIVIDUAL COLOR
Any color from RAL pallet


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


NON-STANDARD DIMENSIONS
Possible to adopt dimensions to customer request


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


## NOZZLE CRIMPING

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


PLEXI WINDOW
Window in door protected by plexi


52 valve with slant reduction
Hydrant can be connected to DN52 water supply due to 52 valve with slant reduction phone: (48) 483638998
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VAT EU: PL9482224948
SWIFT INGBPLPW


Ball valve 32 - OPtional
Possible to use $5 / 4^{\prime \prime}$ ball valve (32)

## TYPE OF LOCK



## Patent lock

Large quantity of cabinets can be opened with one


EURO LOCK
Twist lock adapted to put seal on. key. The key for emergency opening is located behind the safety glass.


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