IMPARTE
EQUIPAMENTOS DE SEGURANÇA

Technical Data Sheet

Designation SWING WALL HOSE REEL, NO CABINET, DN33, K64, 30M

Brand ROT **Ref. No.** CR054

General Description

The hose reel with discharge coefficient K = 64 was developed to ensure high and constant hydraulic performance, guaranteeing an effective first intervention in fire scenarios.
The value 64 l/min·bar^{0,5} expresses the equipment's capacity to deliver a strong flow per unit of pressure, allowing precise sizing and ensuring reliability even in networks with pressure variations.
Thanks to its sturdy construction and optimised hydraulic performance, this hose reel provides a fast, continuous discharge, reducing response time and increasing the effectiveness of the initial firefighting action. Its simple, intuitive operation makes it easy for any building occupant to use, even without specialised training.
Designed for installation inside buildings, the K = 64 hose reel is suitable for offices, schools, hospitals, nurseries, sports halls, cinemas, hotels, shopping centres, conference centres, airports and other spaces for public or private use.
It is a reliable, durable and technically balanced solution for fire protection systems that require proven performance and compliance with the sector's best practices.

Features

- Hose reel consisting of two steel discs with oven-cured polyester epoxy resin coating;
- Tube and sheet made of 304L stainless steel (with electrolytic polishing for the stainless steel reel);
- Swivel joint with axial feed from the mains, through the mounting bracket;
- Brass ball valve;
- DN33 semi-rigid fire hose, 30 metres, NF EN694 standard;
- Ø12mm brass diffuser nozzle, K-factor=64;
- Nominal diameter 33mm or 1”¼;
- 1”½ male feed;
- Dimensions: 655x700x445 (HxWxD);



Efficiency

- Effective range at 0.2MPa at the shut-off valve:
  - jet: 13.3 m;
  - spray: 3.4m;

Standards, certificates, marking and documentation

- Certificate no. 0333-CPR-021003 2006;
- NF Certificate no. 1332.6 07/2020;
- Complies with EN 671-1, certification RC/02/003;
- Complies with Construction Products Regulation (EU) no. 305/2011;

The illustrative images show the product(s) presented; however, they may differ slightly from the final product(s).

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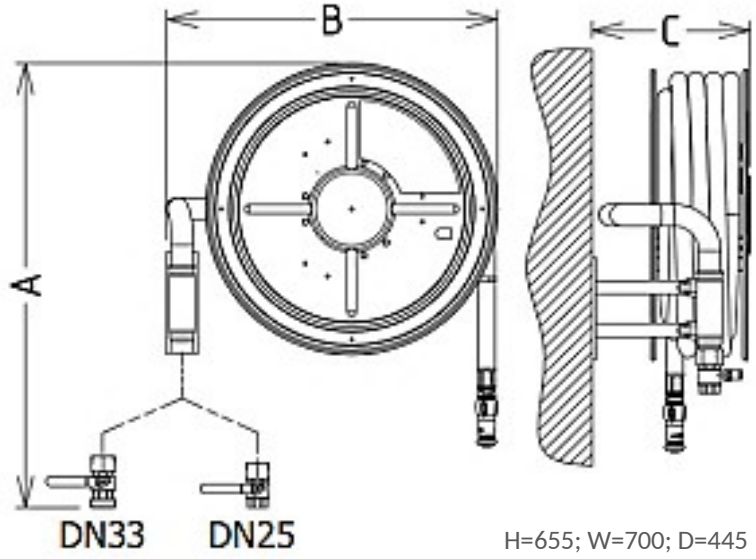
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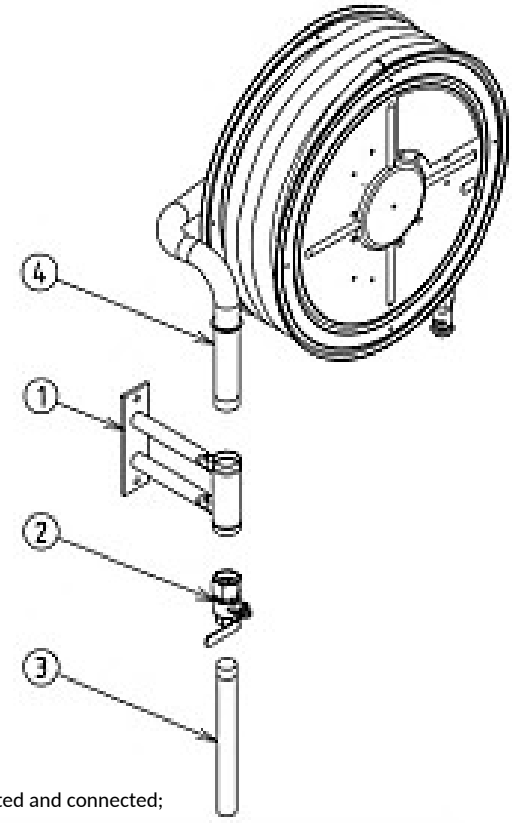
Additional Products

- Photoluminescent signage in accordance with 92/58/EEC;
- Assembly/connection accessories not included.

Technical Drawing - Wall Mounting



H=655; W=700; D=445



Installation recommended by the manufacturer

The removable wall bracket must be screwed directly to the wall before the hose reel is mounted and connected;

- Remove the wall bracket ① and position it on the wall;
- Mark the holes, keeping the centre of the hose reel between 1.20m and 1.80m above the floor (max. 1.50m to the valve);
- Drill the holes and fix the bracket ① with Ø8 screws (not supplied);
- Fit the shut-off valve ② to the water supply pipe ③;
- Refit the hose reel vertically on the bracket ① (shut-off valve facing down) and screw the swivel nut ② onto the pipe ④;
- To bleed, open the nozzle, fill the hose reel with water by opening the shut-off valve slightly until the flow reaches the nozzle, then close the shut-off valve and the nozzle. The hose reel must remain full of water; check that the installation is watertight.

Note

Make sure the joints are properly sealed (with PTFE tape, hemp, etc.).

After installation, the hose reel must remain full of water but not under pressure.



As an innovative company, IMPARTE S.A. reserves the right to change product specifications, models and standard equipment without prior notice and without incurring any obligation.
For more information visit www.imparte.pt or contact our sales department.

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