

TECHNICAL DATA SHEET / EN

GRIP-V

Vertical indicator post

A mechanical post for operating a compatible underground non-rising-stem gate valve. It brings the operating point and the OPEN/SHUT indication above ground, so the buried valve can be checked without excavation.

The operating wrench turns the drive rod and valve nut; adjustable targets move behind the windows to indicate position.



01 Technical parameters

Parameter	Value / condition
Working pressure	Not applicable
Connection	Mechanical

For underground fire-protection water mains with a post-compatible valve. Position the centre of the indication windows at least 762 mm above the intended ground level.

02 Certification and scope

Document	Number	Scope
FM Approvals	PR474502	Model Grip-V

Approval applies to the stated model and device configuration. It does not automatically cover other variants or associated components.

03 Main component materials

Component	Material / construction
Operating wrench	Ductile iron QT450
Operating stem	Carbon steel #45
Bonnet, barrel, base and operating nut	Cast iron HT200
OPEN/SHUT targets	Aluminium alloy
Window frame and extension rod	Steel A283 Gr.C
Connecting rod	Steel 1045
Window	Organic glass
Window gasket	EPDM

04 Selection and compatibility

Check the compatible valve's mounting flange, operating nut, direction of opening and number of turns. Select the drive length for the actual installation. A visually similar valve or matching nominal size does not establish compatibility.

05 Installation and checks

Qualified personnel must adjust the targets against the actual valve: SHUT when fully closed and OPEN when fully open. Check the indication in every window over a complete operating cycle, refit the cover and verify free movement and the locking arrangement.

06 Operation and maintenance

Inspect secure mounting, unobstructed movement, readable windows, correct correspondence with the valve position and any lock or seal. Use replacement parts suitable for the exact construction.

Application limitations

The post does not retain water pressure and is not an independent shut-off valve. It does not replace required electrical supervision. Test torque values are not allowable operating torques; a water-spray test is not an IP rating.

07 Ordering information

Variant	Mercatura code
Grip-V	M-IPV

Specify finish, gasket and required approval scope with the variant identifier. The identifier alone does not establish these attributes.