

ENTRY PIPE

GRXOIP800

TECHNICAL SPECIFICATION

GROXX TRACTION HOIST COMPONENTS | GRXOIP800 WIRE ROPE INLET / OUTLET GUIDE PIPE SET

The **Groxx GRXOIP800** is a heavy-duty wire rope guide pipe set engineered specifically for 800 kg capacity traction hoists. Installed at the entry and exit apertures of the hoist housing, these precision-formed tubes direct the wire rope smoothly into and out of the internal drive chamber. The GRXOIP800 protects both the cable and the outer hoist chassis from abrasion, preventing cable binding, housing wear, and entry of coarse jobsite debris.

PRIMARY FUNCTIONS

- Precision Rope Guidance:** Aligns the wire rope precisely with the internal sheaves and rope press mechanism, preventing sharp-angle entry and lateral scrubbing.
- Chassis & Cable Protection:** Acts as a replaceable wear buffer, preventing the high-tension steel wire rope from cutting into the hoist's main alloy housing during off-axis pulls.
- Debris Deflection:** Serves as the primary external barrier to deflect concrete dust, paint overspray, grit, and water away from the internal drive chamber.
- Smooth Transit Channel:** Provides a low-friction, flared entry and exit pathway that prevents wire rope snagging, strand fraying, and burr formation during rapid vertical travel.



TECHNICAL SPECIFICATIONS

FEATURE	SPECIFICATION
Part Number	GRXOIP800
Rated Hoist Capacity	800 kg Traction Hoist Systems
Compatible Rope Diameter	8.3 mm to 9.5 mm Wire Rope
Primary Material	Heavy-Wall AISI 316 Stainless Steel / Hardened Steel
Surface Finish	Smooth-Bore Polished / Electro-Passivated
Configuration	Dual-Piece Set (Inlet Guide Pipe + Outlet Guide Pipe)
Weight	0.68 kg (Combined Set)

KEY TECHNICAL FEATURES

- Flared Bell-Mouth Ends:** Engineered with smooth, flared radii at the entry and exit mouths to allow multi-directional rope movement without shearing or scoring the cable.
- Heavy-Wall Wear Resistance:** Built with thick-walled metal construction to endure high-velocity wire rope friction over extended operational periods.
- Corrosion-Proof Passivation:** Treated to resist severe atmospheric exposure, rust, and chemical contamination on active construction and maintenance sites.
- Direct-Fit Mounting Interface:** Features pre-machined mounting flanges/threads for quick, secure attachment during routine hoist maintenance or field replacement.

THE GROXX ADVANTAGE

The **GRXOIP800 Guide Pipe Set** preserves the structural integrity of your suspended access hoists. By absorbing the wear and friction associated with wire rope entry and exit, Groxx prevents costly housing damage and ensures smooth, jam-free cable travel under heavy 800 kg dynamic loads.