



Call our Expert Sales Team for more information.

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High-Capacity Support, Zero-Friction Operation

The PG Series (PG50I2, PG50S2, PG70I2, PG71S2) comprises high-capacity bottom rotating bearing hinges engineered for heavy metal swing gates.

Designed to bear direct downward thrust loads while delivering ultra-smooth pivoting, these hinges minimise friction for manual operation and gate automation systems.

Available across 50mm and 70mm series profiles with weldable and bolt-on bracket variants, the PG line ensures long-term structural alignment across residential, commercial, and industrial gate applications.

Key Features

- ⊙ **High-Capacity Bottom Load Bearing**
(Gate's downward weight is transferred, eliminating pull on side posts)
- ⊙ **Integrated Precision Bearings**
(Deliver smooth, low-friction rotation)
- ⊙ **Versatile Mounting Plates**
(Equipped with pre-drilled brackets for easy bolting to steel posts or concrete pads)
- ⊙ **Grease Maintenance Point**
(External grease fitting for easy routine lubrication without dismantling)
- ⊙ **Heavy-Duty Galvanised Finish**
(Comes with a protective yellow zinc finish for resilience in harsh conditions)

Suitable For

- ⊙ Heavy Commercial & Industrial Gates
- ⊙ Automated Swing Gate Systems
- ⊙ Bi-Folding & Multi-Leaf Gate Systems
- ⊙ Pillar & Masonry Archway Installation
- ⊙ High-Traffic Security & Access Gates



Photos for illustration purposes only

Technical Specifications

Rotating Bottom Hinge with Fixing Plate 50mm - PG50I2

A 50mm diameter rotating bottom hinge with bearing and fixing plate. This is to be welded or bolted onto the gate post.
Weight Capacity: Up to 200kg.



Dimensions 50mm Ø 39mm (H) x 80mm (L)
Material Yellow Galvanised Steel

Rotating Top Hinge with Fixing Plate 50mm - PG51S2

A 50mm diameter rotating top hinge with bearing and fixing plate. This is to be welded or bolted onto the gate post.
Weight Capacity: Up to 400kg.



Dimensions 50mm Ø 70mm (H) x 80mm (L)
Material Yellow Galvanised Steel

Rotating Bottom Hinge with Fixing Plate 70mm - PG70I2

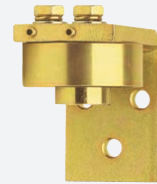
A 70mm diameter rotating bottom hinge with bearing and fixing plate. This is to be welded or bolted onto the gate post.
Weight Capacity: Up to 800kg.



Dimensions 70mm Ø 80mm (H) x 100mm (L)
Material Yellow Galvanised Steel

Rotating Top Hinge with Fixing Plate 70mm - PG71S2

A 70mm diameter rotating top hinge with bearing and fixing plate. This is to be welded or bolted onto the gate post.
Weight Capacity: Up to 300kg.



Dimensions 70mm Ø 45mm (H) x 100mm (L)
Material Yellow Galvanised Steel



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