

Type 7251 Heavy-Duty Zero Gravity Balancer

Design

- Suspension:** Safety hook, freely rotatable and swiveling; positionable
- Housing:** High-strength, sand-cast aluminum
- Housing cover:** High-strength, sand-cast aluminum
- Cable drum:** High-strength, sand-cast aluminum
- Cable:** High-strength steel cable with elastic cable stop buffer and screw-type spring hook for load suspension. The cable is continuously adjustable in length via a cable wedge. The lift or working range can be continuously adjusted (reduced) in addition via a cable clamp.
- Spring:** High-strength special suspension spring, encapsulated and riveted
- Type of bearing:** Ball bearings, closed on both sides
- Special feature:** Longer cable available on request.

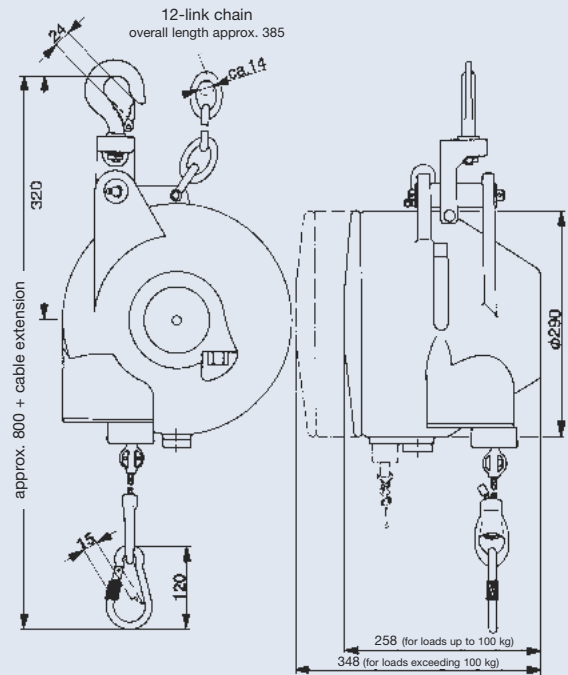
Safety features:

- ▶ Tested for safety ("GS" label)
- ▶ Very rigid and highly impact-resistant aluminum housing
- ▶ Safety hook, freely rotatable and swiveling
- ▶ Overload protection due to cable extension limit stop
- ▶ Screw-type spring hook for load suspension
- ▶ Safety expansion chain as standard fall protection device
- ▶ Spring fracture safeguard as standard feature for all load ranges
- ▶ Integrated drum lock
- ▶ Ferrule for securing cable end (included in normal delivery)
- ▶ Freewheel device for protection against handling errors



Working ranges:

- Cable extension:** 3.0 m
- Cable stop buffer:** continuously adjustable



| ID No. | Load Range (kg) | Cable Travel (m) | Dead Weight (kg) |
|--------------|-----------------|------------------|------------------|
| 7251 0800 01 | 15.0 - 25.0 | 3.0 | 25.0 |
| 7251 0800 02 | 25.0 - 35.0 | 3.0 | 26.0 |
| 7251 0800 03 | 35.0 - 50.0 | 3.0 | 27.0 |
| 7251 0800 04 | 50.0 - 65.0 | 3.0 | 28.0 |
| 7251 0800 05 | 65.0 - 80.0 | 3.0 | 29.0 |
| 7251 0800 06 | 80.0 - 90.0 | 3.0 | 30.0 |
| 7251 0800 07 | 90.0 - 100.0 | 3.0 | 32.0 |
| 7251 0800 08 | 100.0 - 115.0 | 3.0 | 41.8 |
| 7251 0800 09 | 115.0 - 130.0 | 3.0 | 43.2 |
| 7251 0800 10 | 130.0 - 140.0 | 3.0 | 44.6 |
| 7251 0800 11 | 140.0 - 150.0 | 3.0 | 46.0 |
| 7251 0800 12 | 150.0 - 170.0 | 3.0 | 46.4 |
| 7251 0800 13 | 170.0 - 180.0 | 3.0 | 46.7 |
| 7251 0800 14 | 180.0 - 190.0 | 3.0 | 47.0 |
| 7251 0800 15 | 190.0 - 200.0 | 3.0 | 47.3 |