

**PRODUCT : RETRACTABLE FALL ARREST BLOCK**

**REF. NO. : PCGS 04 To 08**

|          |            |
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CONFORMING TO EN 360:2002



|   |   |         |  |   |
|---|---|---------|--|---|
| 1 | PHYSICAL PARAMETERS   | General |  | <ul style="list-style-type: none"> <li>Robust and Durable Plastic casing made from high impact strength polymer.</li> <li>Has a Swivel Anchorage eye at one end; and a Swivel Steel Snap Hook PN 123 at the retractable end.</li> </ul> |
| 2 | DIMENSIONS OF THE CASING  |         |  | Width 172 mm    Height 460 mm    Thickness 87 mm  |
| 3 | MECHANICAL CHARACTERISTICS  |         | Breaking Strength<br>Breaking Force<br>Breaking Distance<br>Minimum Clearance<br>Weight<br>Temp. Range | 15 kN<br>Less than 6 kN<br>0.5 Mtr.<br>1.5 Mtr. Below User's feet<br>4 To 4.3 Kg.<br>-30°C to +50°C   |
| 4 | HARNESS END CONNECTOR PN 123 (Swivel Snap Hook with Load Indicator) |         | Weight<br>Breaking Load<br>Opening Material  | 345 gm.<br>23 kN<br>11.5 mm<br>Alloy Steel  |
| 5 | TOP END CONNECTOR PN 112  |         | Weight<br>Breaking Load<br>Opening Material  | 160 gm.<br>23 kN<br>17 mm<br>Alloy Steel  |
| 6 | RETRACTABLE LANYARD   |         | Material diameter  | Galvanized Steel<br>4.8 mm  |

|  |  |  |                   |                    |
|--|--|--|-------------------|--------------------|
|  |  |  | Breaking Strength | Greater than 15 kN |
|  |  |  | Maximum Length    | 10 To 15 meters    |

#### VITAL TEST COMPLIANCE

| EN 360:2002 TEST                        | APPARATUS IN USE  | TESTING COMPLIANCE  |
|---|---|---|
| Clause 4.3 (Locking after conditioning) | A Conditioning Apparatus; a rigid mass of 35 Kgs  | When tested according to this clause, the Fall Arrestor locks before the mass touches the ground and remains locked until released.   |
| Clause 4.4 (Static Strength)            | Force measuring Tensile Testing Machine.  | When subjected to a static force of 12 kN for 3 Min., the assembly of the block and the lanyard shows no sign of any damage or fracture.  |
| Clause 4.5 (Dynamic Performance)        | A rigid anchorage structure; Force measuring apparatus, with Peak-Force recorder; Rigid steel mass of 100 kgs, of nominal diameter 200 mm, and an eyebolt attached; A Quick Release device. | When subjected to a fall with a rigid mass of 100 Kg., the breaking force is less than 6 kN, and the arrest distance is less than 2 m.  |
| Clause 4.7 (Corrosion Resistance)       | A Corrosion Test Apparatus  | When subjected to a neutral salt spray for 24 hours, There is no evidence of corrosion on any of the exposed, as well as the internal metal parts, which can affect the function of the device. |