

TECHNICAL DATA SHEET

PRODUCT : RETRACTABLE BLOCK
REF. NO. : RV-BALSS-7.5 & 10

DOC.NO. : RV/TDS/BALSS/7.5-10

ISSUE : 01-19

REVISION : 01

DATE : 02-09-2019

CONFORMING TO EN 360:2002



Physical Parameters	General		- Robust and Durable Plastic casing made from high impact strength polymer. - Has a Swivel Anchorage eye at one end; and a Swivel Steel Snap Hook RV-DAL-162 at the retractable end.
Dimensions Of The Casing			- Width: 172mm - Height: 223mm - Thickness: 87mm
Mechanical Characteristics		Breaking Strength Breaking Force Breaking Distance Minimum Clearance Weight Temp. Range	15 kN Less than 6kN 0.5 mtr 1.5 mtr below user's feet 2.89 kg to 3.9 kg -30°C to +50°C
Harness End Connector RV-DAL-162 (Swivel Snap Hook with Load Indicator)		Weight Breaking Load Opening Material	390.0 gm 23kN 11.5 mm Alloy Steel
Top End Connector RV-SL-112		Weight Breaking Load Opening Material	157.0 gm 25kN 17 mm Alloy Steel

TECHNICAL DATA SHEET

Retractable Lanyard		Material Diameter Breaking Strength Maximum Length	Stainless Steel 4.5 mm Greater than 15 kN 7.5 & 10 meter
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 eye bolt 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 mtr.
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.