

STEEL ROUND SLING

Polyester round sling but steel wire rope inside. This sling is composed of dia. 1.5mm steel wire in 31 loops, making it most flexible with superior strength. Inspection window covered by lid provides convenient access to check the wire rope. Identification labels are included under this lid. Heat resistance up to 150° C. Load capacity 2,000kgs with safety factor 5, whereas it turns to be load capacity 1,000kgs according to BGV-C1 with safety factor 10. Minimum bending radius R=6mm.



Inspection window and identification label covered by lid offers an easy manner to check the steel wire.

Item	Description
RS-S202	Steel Round Sling, 2M length, Load Capacity 2,000 kgs.

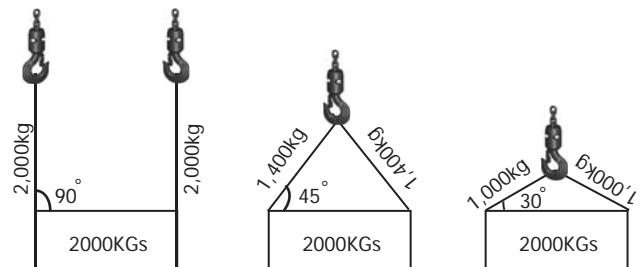
SLING ANGLE

When slings are used in a basket hitch and suspended from one hook, sling angles will directly affect the rated capacity of any slings. Sling capacity decreases as the angle from horizontal decreases.

Working Load Required

Subject to heaviest loads, lifting conditions, and angles.

Cap	Black / Color	Vertical	Choke	Basket	Basket	Basket
2t	Black	M : 1.0 2000kg	M : 0.8 1600kg	M : 2.0 4000kg	M : 1.4 2800kg	M : 1.0 2000kg



Sling Angle in Degrees	Factor
15	0.259
20	0.342
25	0.423
30	0.500
35	0.574
40	0.643
45	0.707
50	0.766
55	0.819
60	0.866
65	0.906
70	0.940
75	0.966
80	0.985
85	0.996
90	1.000

Example:

The sling angle in 30 degree.
 $2,000 \text{ kg} \times 0.5000 = 1,000 \text{ kg}$ (one side of the sling load 1,000 kg)
 $1,000 \text{ kg} + 1,000 \text{ kg} = 2,000 \text{ kg}$

WARNING

Never exceed working load limit of the sling. Sling capacity decrease as the angle from horizontal decreases. Sling should not be used at angle of less than 30.

Working Length Required

As defined by arrows meaning circumference of complete sling when laid flat, so called "pull to pull" length.

