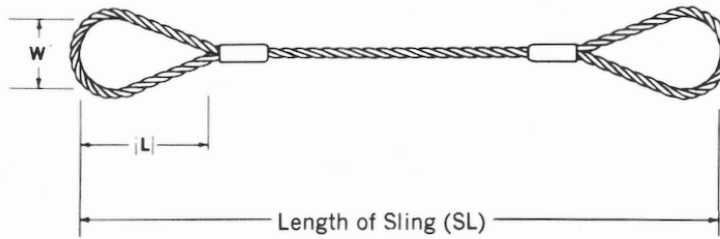


THE JAMES WALKER CO.

WALKER #105B STRAND LAID SLINGS



No. 105-B SLING WITH SINGLE-ROPE LEGS AND TORPEDO LOOP-LOCKS

Diam. of Rope (Inches)	Min. Length (SL) of Sling ft-in	Loop dimensions		Rated Capacity in Tons (2000 lb)		
		W (inches)	L (inches)	E.I.P.S. Wire Rope - IWRC		
				Choker Hitch	Single Leg Vertical	Vertical Basket
1/4	1' 6"	2	4	.48	.65	1.3
3/8	2' 0"	3	6	1.1	1.4	2.9
1/2	2' 6"	4	8	1.9	2.5	5.1
5/8	3' 0"	5	10	2.9	3.9	7.8
3/4	3' 6"	6	12	4.1	5.6	11
7/8	4' 0"	7	14	5.6	7.6	15
1	4' 6"	8	16	7.2	9.8	20
1-1/8	5' 0"	9	18	9.1	12	24
1-1/4	5' 6"	10	20	11	15	30
1-3/8	6' 0"	11	22	13	18	36
1-1/2	7' 0"	12	24	16	21	42
1-3/4	8' 0"	14	28	21	28	57
2	9' 0"	16	32	28	37	73
2-1/4	10' 0"	18	36	35	44	89
2-1/2	11' 0"	20	40	42	54	109
2-3/4	12' 0"	22	44	51	65	130
3	13' 0"	24	48	60	77	153

RATED CAPACITIES BASKET HITCH BASED ON D/d RATIO OF 25

RATED CAPACITIES BASED ON DESIGN FACTOR OF 5

RATED CAPACITIES BASED ON PIN DIAMETER NO LARGER THAN NATURAL EYE WIDTH OR LESS THAN THE NOMINAL SLING DIAMETER

HORIZONTAL SLING ANGLES LESS THAN 30 DEGREES SHALL NOT BE USED

WIRE ROPE CONSTRUCTION

Wire ropes which are regularly used in Walker slings are either 6x19 Class or 6x37 Class. Generally, ropes with diameters up to 1-1/8" inclusive are 6x19 Class and ropes with larger diameters are 6x37 Class. The choice between the two classes may also depend upon the application of the sling, and the characteristics that are most desirable in the sling. For example, if resistance to abrasion is of prime importance, the 6x19 Class is chosen because wires of large diameter provide a high degree of wear resistance. On the other hand, if flexibility is desired, the 6x37 Class is more satisfactory because of the larger number of smaller wires in the rope.

RATED CAPACITIES

Rated capacities suggested for slings are based on sound engineering practices and ample safety factors, and are in accordance with Occupation Safety and Health Administration standards. Rated capacities are only applicable for new slings under normal conditions. As a standard practice to avoid confusion, all sling angles in this catalog are measured from the vertical.

WARNING: DO NOT EXCEED RATED CAPACITIES