

Table H - 16 (a)
 Nylon Rope Slings [Angle of rope to vertical shown in parentheses]

Rope Dia. Normal In (in.)	Nominal Weight per 100 ft. in (lbs.)	Minimum Breaking Strength in (lbs.)	Rated Capacity in pounds (Safety factor=9)					
			Eye to Eye Sling					
			Vertical Hitch	Choker Hitch	Basket Hitch; Angle of Rope to			
					Horizontal	90° (0°)	60° (30°)	45° (45°)
1/2	6.5	6,080	700	350	1,400	1,200	950	700
9/16	8.3	7,600	850	400	1,700	1,500	1,200	850
5/8	10.5	9,880	1,100	550	2,200	1,900	1,600	1,100
3/4	14.5	13,490	1,500	750	3,000	2,600	2,100	1,500
13/16	17.0	16,150	1,800	900	3,600	3,100	2,600	1,800
7/8	20.0	19,000	2,100	1,100	4,200	3,700	3,000	2,100
1	26.0	23,750	2,600	1,300	5,300	4,600	3,700	2,600
1 1/16	29.0	27,360	3,000	1,500	6,100	5,300	4,300	3,000
1 1/8	34.0	31,350	3,500	1,700	7,000	6,000	5,000	3,500
1 1/4	40.0	35,625	4,000	2,000	7,900	6,900	5,600	4,000
1 5/16	45.0	40,850	4,500	2,300	9,100	7,900	6,400	4,500
1 1/2	55.0	50,350	5,600	2,800	11,000	9,700	7,900	5,600
1 5/8	68.0	61,750	6,900	3,400	13,500	12,000	9,700	6,900
1 3/4	83.0	74,100	8,200	4,100	16,500	14,500	11,500	8,200
2	95.0	87,400	9,700	4,900	19,500	17,000	13,500	9,700
2 1/8	109.0	100,700	11,000	5,600	22,500	19,500	16,000	11,000
2 1/4	129.0	118,750	13,000	6,600	26,500	23,000	18,500	13,000
2 1/2	149.0	133,000	15,000	7,400	29,500	25,500	21,000	15,000
2 5/8	168.0	153,900	17,100	8,600	34,000	29,500	24,000	17,000