

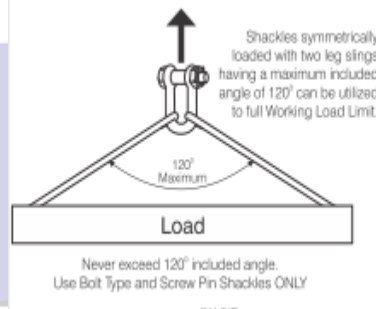


## SHACKLES

- Shackles symmetrically loaded with two leg slings having maximum included angle of 120 degree can be utilized to full working Load Limit.
- Never Exceed 120 degree included angle. Use Bolt and Screw Pin Type Shackles Only
- Maximum Proof Load is 2 times the Working Load Limit
- Minimum Ultimate Load is 5 times the Working Load Limit

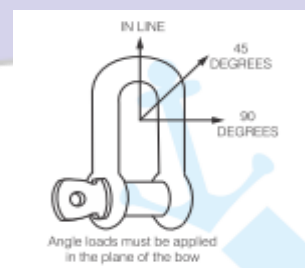


### D Shackles



- Working Load Limit permanently shown on every shackle
- Forged- Quenched and Tempered with alloy pins
- Capacities 0.5 ton to 55 tons
- Shackles can be furnished proof tested with certificates to designated standards such as ABS, DNV, Lloyds or other certification. Charges for proof testing and certification available when requested at the time of order
- Shackles are galvanized or black
- Made from En8 & Pin En19

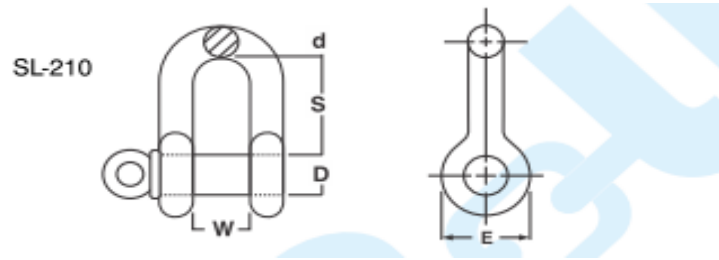
Side Loading Reduction Chart for Screw Pin & Bolt Type Shackles Only	
Angle of Side Load from Vertical in line of shackle	Adjusted WLL
0 Degree in Line	100% of Rated WLL
45 Degree from in Line	70% of Rated WLL
90 Degree from in Line	50% of Rated WLL





# SHRUTHI ENTERPRISE

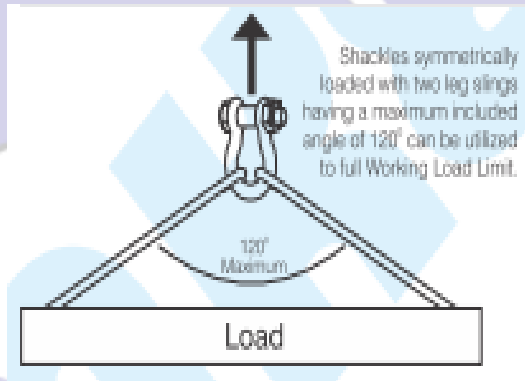
# 103, SAB Chambers, 1<sup>st</sup> Floor, Above ICICI Bank, Sanjaynagar Main Road, Bangalore – 560094  
Ph: 080-41144568 / 7348825551 / Email: [office@seblr.co.in](mailto:office@seblr.co.in) / URL: [www.seblr.co.in](http://www.seblr.co.in)



Working Load Limit (Tons)	Body DIA mm (d)	Pin DIA mm (D)	Jaw Inside mm (W)	Inside Length mm (S)	Eye Outside DIA mm (e)
0.50	6.40	7.90	11.90	22.40	15.50
0.75	7.90	9.70	13.50	33.00	19.10
1.00	9.70	11.20	16.80	31.80	23.10
1.50	11.20	12.70	19.10	36.60	26.90
2.00	12.70	16.00	20.60	41.40	30.20
3.25	16.00	19.10	26.90	51.00	38.10
4.75	19.10	22.40	31.80	60.50	46.00
6.50	22.40	25.40	36.60	71.50	53.00
8.50	25.40	28.70	42.90	81.00	60.50
9.50	28.70	31.80	46.00	91.00	68.50
12.00	31.80	35.10	51.50	100.00	76.00
13.50	35.10	38.10	57.00	111.00	84.00
17.00	38.10	44.50	60.50	122.00	92.00
25.00	44.50	51.00	73.00	146.00	106.00
35.00	51.00	57.00	82.50	171.00	122.00
55.00	66.50	70.00	105.00	203.00	145.00

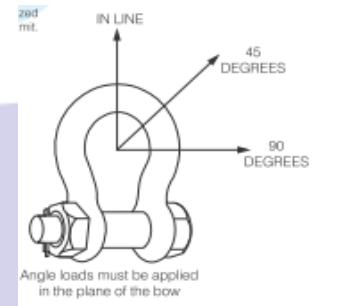


## Anchor Bow Shackles



- Working Load Limit permanently shown on every shackle
- Forged- Quenched and Tempered with alloy pins
- Capacities 1 ton to 150 tons
- Shackles 55 tons and smaller can be furnished proof tested with certificates to designated standards such as ABS, DNV, Lloyds or other certifications
- Material certification (Chemical) must be requested at the time of order
- Made from En8 & Pin En19

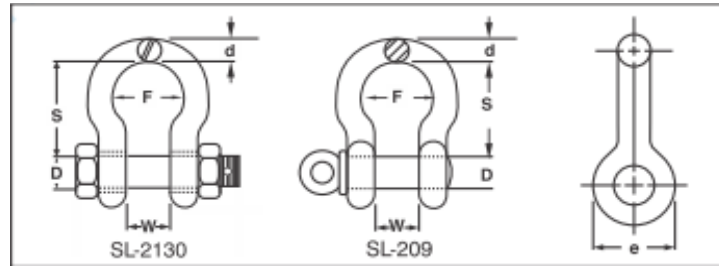
Side Loading Reduction Chart for Screw Pin & Bolt Type Shackles Only	
Angle of Side Load from Vertical in line of shackle	Adjusted WLL
0 Degree in Line	100% of Rated WLL
45 Degree from in Line	70% of Rated WLL
90 Degree from in Line	50% of Rated WLL



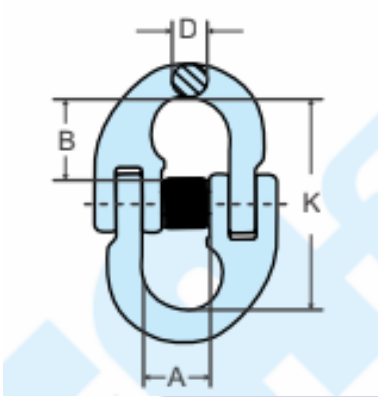


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Working Load Limit (Tons)	Body Dia mm (d)	Pin Dia mm (D)	Jaw Inside mm (W)	BOW Dia mm (E)	Inside Length mm (S)	Eye Outside Dia mm (e)
0.33	4.8	6.4	9.7	15.2	22.3	14.2
0.5	6.4	7.9	11.9	19.8	28.7	15.5
0.75	7.9	9.7	13.5	21.3	30.9	19.1
1.0	9.7	11.2	16.8	26.1	36.5	23.1
1.5	11.2	12.7	19.1	28.7	42.9	26.9
2.0	12.7	16.0	20.6	33.3	47.7	30.2
3.25	16.0	19.1	26.9	42.9	60.9	38.1
4.75	19.1	22.4	31.8	51.0	71.0	46.1
6.5	22.4	25.4	36.6	58.0	84.0	53.0
8.5	25.4	28.7	42.9	68.5	95.0	60.5
9.5	28.7	31.8	46.0	74.0	108.0	68.5
12.0	31.8	35.1	51.5	82.5	119.0	76.0
13.5	35.1	38.1	57.0	92.0	133.0	85.0
17.0	38.1	41.4	60.5	98.5	146.0	92.0
25.0	44.5	51.0	73.0	127.0	178.0	106.0
35.0	51.0	57.0	82.5	146.0	197.0	122.0
55.0	66.5	70.0	105.0	184.0	267.0	145.0
85.0	76.0	82.5	127.0	200.0	330.0	165.0
120.0	92.0	95.0	133.0	229.0	372.0	203.0
150.0	104.0	108.0	140.0	254.0	368.0	229.0



## Connecting Link (Hammer Lock)

Working Load Limit (Tons)	For Grade 8 Chain (mm)	Dimensions				Net-Weight (Kgs)
		K	A	D	B	
1.20	6.00	42	16	7	17	0.14
2.00	7.80	57	20	10	22	0.20
3.20	10.00	68	28	11	26	0.38
5.40	13.00	90	30	15	35	0.76
8.20	16.00	105	36	20	41	1.20
12.50	18.20	124	44	24	48	1.95
16.00	22.00	146	51	26	57	2.80
20.60	26.00	160	58	30	62	4.75
32.80	32.00	214	68	37	85	9.40