Lifting Solutions Group
Axel Johnson International

Shackle Crosby G-2160, Wide Body

Product information



The Crosby G-2160 wide body shackle is designed for heavy-duty lifting applications using wire rope, synthetic web and round slings. Its wide bow distributes the load over a larger contact area, increasing usable sling strength by at least 15% and helping extend wire rope sling service life. Available with working load limits (WLL) from 7 to 2,000 metric tonnes.

Best used for:

- Heavy lifting operations requiring high-capacity connections and improved sling load distribution.
- Lifting assemblies using wire rope or synthetic slings, including inline bow-to-bow connections.

Product benefits:

- Wide body design increases usable sling strength by at least 15%.
- Quenched and tempered construction provides strength for demanding lifting applications.
- Individual proof testing and magnetic particle inspection support documented quality verification.
- DNV type approval and certification support compliance documentation for lifting operations.
- Hot-dip galvanized or Dimetcoted finish, depending on size, provides corrosion protection.

... *Read more*

Material: Forged alloy steel from 7 through 300 metric tons. Cast alloy steel from 400 through 1550 metric tons.
Marking: According to standard, CE-mark, WLL. Shackles, 30t and larger, are RFID EQUIPPED.
Temperature range: -40° C un to +204° C
Finish: 7-55 tons are galvanized with painted pin. 75t and larger, bows are furnished Dimetcoted, and pins are Dimetcoted, then painted.
Standard: DNV-OS-E101, DNV-ST-0377, DNV-ST-0378

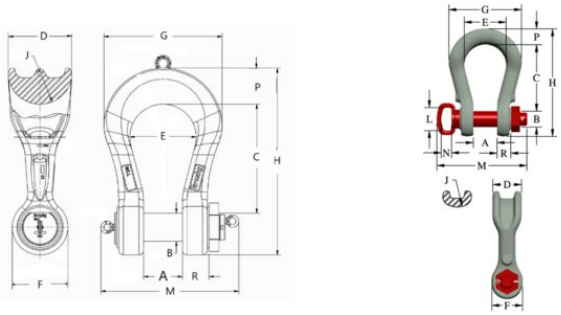
Safety factor: 7-300 t 5:1 ; 400 t < 4,5:1.

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Blueprint



Technical data

Part code	WLL ton	Effective body Ø mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	J mm	K mm	L mm	M mm	N mm	P mm	R mm	Weight kg
420100700260	7	53	32	22	90	41	64	46	104	149	32	32	-	105	-	24	18	1.81
420101250260	12.5	61	43	29	118	54	83	61	140	194	35	41	-	137	-	32	23	3.99
420101800260	18	71	52	35	148	64	102	68	172	238	38	51	-	170	-	36	30	6.76
420103000260	30	104	70	41	176	80	127	89	216	289	64	64	-	206	-	45	35	11.9
420104000260	40	91	86	51	205	95	152	102	270	346	44	76	-	259	-	59	43	21.2
420105500260	55	109	83	57	238	114	178	118	311	397	51	89	-	263	-	67	51	30.8
420107500260	75	160	105	70	293	127	185	136	321	474	95	93	102	382	46	70	61	50.8

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