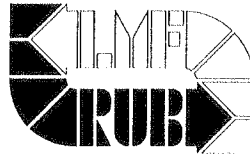




EINGEGANGEN
19. Dez. 2008

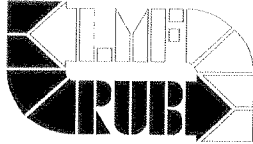


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June 13, 2007

		Type testing acc. DIN EN 13411 - 7 on symmetrical wedge socket clevis (welded body DIN 15315)	
		Part 2 (2) Fatigue test	
Company: Süther & Schön GmbH			
Rope			
Ø	Construction		Minimum breaking force F_{min} [kN]
6,0 mm	Aufzugseil BRUGG HRS-1 1770 N/mm ²		25,10
NG 6,5			
	socket body	wedge	pin
item-no	SS1 0506 00 000 315	K01 0506 00 000 315	B01 0506 00 000 315
material	S 235 J2G3	GS 45	Y15
Fatigue test			
no.	Minimum force $F_u = 0,15 * F_{min}$ [kN]	Maximum force $F_o = 0,3 * F_{min}$ [kN]	Load cycles
28.07	3,77	7,53	75.000
results	The 2 test samples fulfil the fatigue test (6.24) . The non destructive testing of the component parts by dye penetrant method did not exhibit visable cracks.		


Dr.-Ing. G. Kraft, AOR