



Süther & Schön GmbH
Bonifaciusring 18
45309 Essen


Chair of Machine Parts and
Materials Handling

Building IB 1/127
Universitätsstraße 150, 44801 Bochum

PROF. DR.-ING. GERHARD WAGNER

Fon +49 (0)234/32-28723
Fax +49 (0)234/32-14161
sekretariat@lmf.rub.de

Type testing according to EN 13411 - 6 on rope suspension with wedge sockets special design			
Part 2 (2) 6.2.4 dynamic test			
Company:		Süther & Schön GmbH	
Rope			
Ø	construction	minimum breaking force	
5,0 mm	DRAKO 6x19W 5,0 SFC 1570 U sZ	13,7 kN	
Wedge Socket:		G 14.40	
	socket body	wedge	thread rod
item no	KG1 0405 00 000 SSN	K01 0405 00 000 SSN	GS1 0006 00 340 SSN
material	GE 240	GE 240	class 8.8
Dynamic fatigue test			
no	lower load $F_u = 0,15 * F_{min}$ [kN]	upper load $F_o = 0,3 * F_{min}$ [kN]	load cycles
6 / 11	2,06	4,11	75.000
result	The 2 type test samples bear the dynamic fatigue test (6.2.4) without visible cracks on body, wedge and thread rod. The non destructive test was carried out by Süther & Schön GmbH (enclosure).		


Prof. Dr.-Ing. G. Wagner
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