

Test-Report E-Chains



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Client:								
Name:	Team:	Date:	Result:	03.04.2008				
Order-Info:								
Customer/ No.: igus	Customer/ No.: igus							
Series / No: P4.56R.25.200.0)	Installation type: long tra	avel, rolling					
Goal: Noise Test in 120m outo	door test (crane simulation)) addition to long travel test 2737						
Technical data		Series data						
Length [links] or [m]: 6	65m- middle feed	MatNo.:						
Additional load [kg/m]: 8	8	Proddate:						
Chain weight [kg/m]:		Origin: Stock Production Customer						
Temperature [°C]:	outdoor	- Other:						
a acceleration [m/sec ²]:		tempered 🛛	No 🗌 Yes					
Mounting brackets:	Metal brackets	conditioned 🛛	No 🗌 Yes					
Filling (Sketch-No.):	- moisture absorption [%]							
Cycles	v Speed [m/s]	Remark:						
	Up to 4m/s							
		Moving end: 240mm – 260mm mounting height						
Experimental setup (Sketch	Photo)							
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 P4.56R.25.200.0.doc

 A. Pies/Versuch/27.03.2009

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use only

The managing data show the results of the accomplished examinations. With all data it still acts neither around one or more warranties of certain characteristics around one or more warranties regarding the suitability of a product for a certain targeted application, since the examinations on laboratory conditions took place. The warranty of certain characteristics of the products and/or their suitability for a certain application requires writing in the confirmation of order. Finally we recommend user-specific measurements under genuine operating conditions.

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Test No.: 2737b



Noise measurements 03.04.2008 Measured in dB(A)

	1m/s	1m/s		2m/s		
lugrichtung	Messung 1	Messung 2	Messung 3	Messung 1	Messung 2	Messung 3
Radius	66	64	64	76	76	75
P	64	63	65	75	74	74
5m vor Endposition Zugrichtung	68	68	68	78	77	78
	3m/s		4m/s			
Zugrichtung	Messung 1	Messung 2	Messung 3	Messung 1	Messung 2	Messung 3
Radius	77					
P	77				81	80
	79	80	80	82	82	82
noise includes the	e noise by the	forklift; FP-		iding trough.		1
noise includes the	e noise by the	forklift; FP-		iding trough.		•
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noise includes the I noises were measured at a vestigational procedure esult ne general noise level is ve ven the rolls do not result i	e noise by the distance of 1 ry good; the	forklift; FP- m at the heig application	pht of the gui From: 03. has a very	04.2008 smooth rur		
noise includes the I noises were measured at a vestigational procedure esult ne general noise level is ve ven the rolls do not result i	e noise by the distance of 1 ry good; the	forklift; FP- m at the heig application	pht of the gui From: 03. has a very	04.2008 smooth rur h other.). 	

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