



							igus quantats managemen	
page 1 of 6						Test No.:	2737	
Client:		1						
Name: T.Jaek	ker	Team: R&D	Date:	23.08.0	)7	Result:		
Order-Info:								
Customer/ No.:	igus							
Series / No: P4.56R.25.200.0				Installation type: long travel, rolling				
Goal: Function Tes	st in 120m c	outdoor test ( crane simula	ation)					
Technical data			Series	Series data				
Length [link	(s] or [m]: 6	65m		MatNo.:	18/47	7		
Additional loa	nd [kg/m]: 8	3		Proddate:				
Chain weigl	ht [kg/m]:			Origin:	□Sto	ock  Produc	tion Customer	
Tempera	ture [°C]: o	outdoor		- Other:				
<b>a</b> acceleration	[m/sec <sup>2</sup> ]:			tempered	⊠ N	o 🗌 Yes		
Mounting	brackets: N	Metal brackets		conditioned	⊠ N	o 🗌 Yes		
Filling (Sketch-No.):			- moist	ure absorption [%]				
Cycles		v Speed [m/s]	Remark	::				
	Į	Jp to 5,5m/s						
			Moving	end: 240mm	- 260	Omm mounting	g height	

Experimental setup (Sketch, Photo ...)

P4.56R.25.200.0.(AG)

Double roller link→6 links→double roller link →6 links









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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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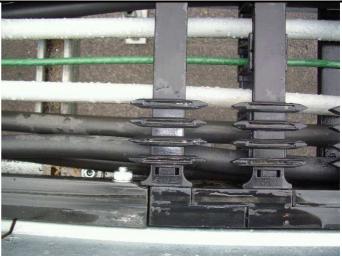


30.10.2007:

21.462 strokes = 2.360,82 km.

Visible wear at the rollers and the Autoglide crossbars





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Copy 2 → Client





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Test No.: 2737



Investigational procedure

03.09.2007 From: To: 19.05.10 Examiner:

#### Result

Very smooth rolling. No shocks from roller-over-roller. After 2.360 km travel the chain system is in good condition. In week 36/08 we changed the crossbars to inner width 200mm

#### Interim report 19.09.08:

~15.000km v= up to 4m/s (depending on weather) the chain system is still in good condition

#### End report 19.05.09:

~25.000km v= up to 4m/s (depending on weather)

the chain system is still in good condition. Partial we had added some 100kg weights onto the chain to simulate longer travels or higher additional loads. In this sections we have clearly wear signs, which won't effect the system function. So we can say that the autoglide-crossbars are still holding the e-chain in line.

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A. Pies/Versuch/27.03.2009

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→ Test Lab

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Repo	ort: She	ets										
<b>Evaluat</b>												
E-chain is ok for outdoor applications. Snow-cover is recommended.												
Name:	A. Pies	Date:	02.03.10									