

page 1 of 2	Test No.: 4793b
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Client:

Name:	Team: Test lab	Date: 22.01.13	Result: 22.0313
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Order-Info:

Customer/ No.: igus GmbH

Series / No: E2.15.20.028.0 vs. 08.20.028.0	Installation type: unsupported
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Goal: difference in unsupported length

Technical data	Series data
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Length [links] or [m]: To be determined									
Additional load [kg/m]: To be determined									
Chain weight [kg/m]:	Origin: X Sock <input type="checkbox"/> Production <input type="checkbox"/> Customer								
Temperature [°C]: laboratory	- Other:								
a acceleration [m/sec ²]: N/A	tempered X No <input type="checkbox"/> Yes								
Mounting brackets: N/A	conditioned X No <input type="checkbox"/> Yes								
Filling (Sketch-No.):	- moisture absorption [%]								
<table border="1"> <tr> <th>Cycles</th> <th>v Speed [m/s]</th> </tr> <tr> <td>N/A</td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>	Cycles	v Speed [m/s]	N/A						Remark:
Cycles	v Speed [m/s]								
N/A									

Experimental setup (Sketch, Photo ...)

Photo : experimental setup unsupported length



Investigational procedure

From: 22.03.2013	To: 22.03.2013
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Result

For internal 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.

Original → Test Lab
Copy 1 → Konstruktion
Copy 2 → Client

The E2.15 has 80% less sag than the series 08 chain with the same load and the same unsupported length. (E2.15 = 4mm sag Series 08 = 21mm sag)



The E2.15 has a 23% higher unsupported length reaching the same sag as the 08 series, using the same load per meter.



With an unsupported length of 760mm the E2.15 can hold 100% more weight getting the same sag as the series 08.



Report: Sheets

Evaluation

The E2.15 is stronger than the series 08 in unsupported length application.

Name:

Date: 22.03.2013

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