

Client:

Name:	Team:	Date:	Result: 03.04.2008
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Order-Info:

Customer/ No.: **igus**

Series / No: P4.56R.25.200.0 Installation type: long travel, rolling

Goal: Noise Test in 120m outdoor test (crane simulation) addition to long travel test 2737

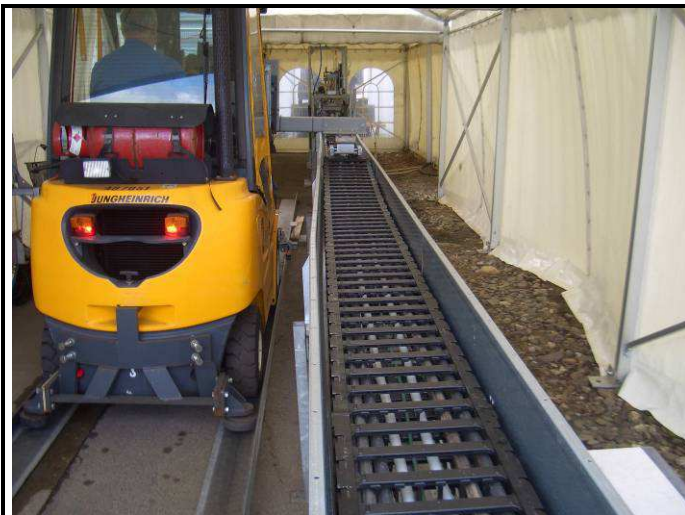
Technical data	Series data
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Length [links] or [m]: 65m- middle feed	Mat.-No.:								
Additional load [kg/m]: 8	Prod.-date:								
Chain weight [kg/m]:	Origin: <input type="checkbox"/> Stock <input type="checkbox"/> Production <input type="checkbox"/> Customer								
Temperature [°C]: outdoor	- Other:								
a acceleration [m/sec ²):	tempered <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes								
Mounting brackets: Metal brackets	conditioned <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes								
Filling (Sketch-No.):	- moisture absorption [%]								
<table border="1"> <thead> <tr> <th>Cycles</th> <th>v Speed [m/s]</th> </tr> </thead> <tbody> <tr> <td></td> <td>Up to 4m/s</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>	Cycles	v Speed [m/s]		Up to 4m/s					Remark:
Cycles	v Speed [m/s]								
	Up to 4m/s								
	Moving end: 240mm – 260mm mounting height								

Experimental setup (Sketch, Photo ...)

P4.56R.25.200.0.(AG)





Noise measurements 03.04.2008
Measured in dB(A)

Zugrichtung	1m/s			2m/s		
	Messung 1	Messung 2	Messung 3	Messung 1	Messung 2	Messung 3
Radius	66	64	64	76	76	75
FP	64	63	65	75	74	74
15m vor Endposition Zugrichtung	68	68	68	78	77	78

Zugrichtung	3m/s			4m/s		
	Messung 1	Messung 2	Messung 3	Messung 1	Messung 2	Messung 3
Radius	77	75	74	76	76	76
FP	77	78	78	81	81	80
15m vor Endposition Zugrichtung	79	80	80	82	82	82

noise includes the noise by the forklift; FP- fixed point.

All noises were measured at a distance of 1m at the height of the guiding trough.

Investigational procedure	
Result	From: 03.04.2008
The general noise level is very good; the application has a very smooth run. Even the rolls do not result in any shocks when rolling over each other.	
<input type="checkbox"/> Report: Sheets	
Evaluation	Examiner: A. Pies