

Declaration of manufacturer Mechanical gears

Series	429F...
Test Lab / Client	Gerhard Geiger GmbH & Co., Schleifmühle 6, 74321 Bietigheim-Bissingen, Germany
Standard	DIN EN 14203 (D) July 2004, Blinds and shutters – Capability for use of gears with crank handle – Requirements and test methods

Test data

Family of products	Venetian blind (EN 13659)		
Gear type	Bevel gear	Reduction ratio i	1:1
Torque M_s [Nm]	0,75	Efficiency η (M_s)	0,54

Test results

Forced operation test not carried out (not planned)			
Test effort P_F [N]	X (Working radius 0,18 m)		
Cycles	X	Passed	X

Number of achieved cycles	7.000 (endurance class 2)
---------------------------	----------------------------------

This gear series is in conformity with the requirements of the directive DIN EN 14203 dated July 2004

Divergence from the norm:

Due to the strong thermal load at the test rig, the outflow of tiny amounts of lubricants is unavoidable.



Bietigheim-Bissingen, 14.03.2011

Hans-Michael Dangel (General Management)