

Declaration of manufacturer Mechanical gears

Series	426F7..
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	Other awnings (EN 13561)		
Gear type	Worm gear	Reduction ratio i	3,5:1
Torque M_S [Nm]	4	Efficiency η (M_S)	0,42

Only for folding arm awnings

Torque 90% of travel M_{SN} [Nm]	X	Torque 10% of travel M_{SP} [Nm]	X
------------------------------------	----------	------------------------------------	----------

Test results

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

Number of achieved cycles	10.000 (endurance class 3)
---------------------------	-----------------------------------

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.

