test report 2.2 acc. to DIN EN 10204:2005

for 165° wide angle hinges of the product line

Sensys 8657i / 8657 / 8687 (product model 2019)

quality characteristics	data/ facts
durability/ function	80.000 open/close cycles this product fulfills the requirements 6.3.7 of DIN EN 15570:2008, Level 3*
product safety	this product fulfills the overload test requirements 6.2 of DIN EN 15570:2008, Level 3* this product fulfills the requirements reg. shear and squeeze points according to 3.12 of DIN EN 14749:2016 ("Finger Safety")
corrosion resistance	48 hours neutral salt spray (NSS) according to "ISO 9227-2012 - Corrosion test in artificial atmospheres - Salt spray tests"
additional requirement	96 hours condensation climate with alternating humidity and air temperature (AHT) according to "DIN EN ISO 6270-2 - Paint and varnishes - Determination of resistance to humidity"
material specification	this product fullfills the requirements of RoHS (2011/65/EU) and the REACH regulation (1907/2006/EU)
characteristic feature	8657i: with integrated Silent System 8657: without integrated Silent System 8687: without automatic closing function surface: nickel-plated / in obsidianblack
quality assurance	certified acc. to DIN EN ISO 9001, cert.-no. KLN4002004

* the test data were determined by a test-setup/-method according to DIN EN 15570:2008 chap. 4./5. (door size A, B of tab. B1)

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Vlotho, 02.01.2019

Certificate no.: HWZ.3001.032.EN

Technik für Möbel

Hettich