

DIN EN 17372:2021-09 (E)

Power operated pedestrian swing door drives with self closing function - Requirements and test methods

Contents		Page
European foreword		4
1 Scope		5
2 Normative references		5
3 Terms and definitions		5
4 Product characteristics		8
4.1 General		8
4.2 Self-closing		9
4.2.1 Self-closing function during passive mode		9
4.2.2 Reactivation of active mode		9
4.2.3 Opening angle		9
4.2.4 Opening time		10
4.2.5 Backcheck in passive mode		10
4.2.6 Permanent hold-open function		10
4.3 Durability of self-closing function		10
4.3.1 Durability during active mode		10
4.3.2 Durability during passive mode		10
4.3.3 Durability of damped closing		10
4.3.4 Durability of manual triggering of the hold-open function		11
4.3.5 Durability - closing time during passive mode		11
4.3.6 Durability - Behaviour during blocking		11
4.3.7 Durability - Temperature dependency in passive mode		11
4.4 Information for use		11
5 Testing, assessment and sampling methods		11
5.1 Functional test and durability test		11
5.1.1 General		11
5.1.2 Test door		12
5.1.3 Installation of the power-operated pedestrian swing door drive with self-closing function		12
5.1.4 Test samples, testing and compliance criteria		12
5.1.5 Tolerances		12
5.1.6 Temperature tests		13
5.2 Self closing tests		13
5.2.1 Self closing function during passive mode		13
5.2.2 Reactivation of active mode		13
5.2.3 Opening angle		13
5.2.4 Opening time		13
5.2.5 Backcheck in passive mode		14
5.2.6 Permanent hold-open function		14
5.3 Durability of self-closing tests		14
5.3.1 Durability during active mode		14
5.3.2 Durability during passive mode		14
5.3.3 Durability of the damped closing		15
5.3.4 Durability of manual triggering of the hold-open function		15
5.3.5 Durability of closing time during passive mode		16
5.3.6 Durability - Behaviour during blocking		16
5.3.7 Durability - Temperature dependency in passive mode		16

5.4	Inspection of Information for use	16
6	Marking and labelling	17
Annex A (normative) Flow diagram test sequence functional test and durability test		18
Annex B (informative) Overview of tests and related requirements		19
Bibliography		20