EN Standards Guide

For determination of the Classification Coding System

EN 1154:1996 + A1:2002 (D)

Door closers

EN 1155:1997 + A1:2002 (D)

Electrically powered hold-open devices

EN 1158:1997 + A1:2002 (D)

Door coordinator devices

EN 1906:2012 (D)

Lever handles and knob furniture

EN 179:2008 (D)

Emergency exit devices with lever handle/push pad

EN 1125:2008 (D)

Panic exit devices operated by a horizontal bar

EN 13637:2015 (D)

Electrically controlled exit systems

EN 13126-3:2023 (D)

Hardware for windows and door-height windows

EN 12209:2003 (D)

Mechanically operated locks and locking plates

EN 1935:2002 (D)

Single-axis hinges

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EN 1154:1996 + A1:2002 (D)

Door closers

Classification Coding System - e.g.: ECO TS-61 (3-6)

1	2	3	4	5	6
4	8	3 6	1	1	4

1 Category of use

Grade 3: For closing doors from at least 105° open
Grade 4: For closing doors from 180° open

2 Durability

Only one test duration is identified for door closers manufactured to this standard:
Grade 8: 500.000 Test cycles

3 Door closer power size

Grade 1-7: See table below: Where a door closer provides a range of power sizes both the **minimum and the maximum** sizes shall be identified

Door closer power size	Recommended door leaf width	Test door mass	Closing moment				Opening moment	Door closer efficiency
			between 0° and 4°		between 88° and 92°	any other angle of opening	between 0° and 60°	between 0° and 4°
	mm (max.)	kg	Nm (min.)	Nm (max.)	Nm (min.)	Nm (min.)	Nm (max.)	% (min.)
1	750	20	9	13	3	2	26	50
2	850	40	13	18	4	3	36	50
3	950	60	18	26	6	4	47	55
4	1.100	80	26	37	9	6	62	60
5	1.250	100	37	54	12	8	83	65
6	1.400	120	54	87	18	11	134	65
7	1.600	160	87	140	29	18	215	65

4 Suitability for use on fire/smoke doors

Grade 0: Not suitable for use on fire/smoke door assemblies
Grade 1: Suitable for use on fire/smoke door assemblies

5 Safety

Grade 1: All door closers are required to satisfy the essential requirement of safety inuse; Therefore only **grade 1** is identified

6 Corrosion resistance

According to **EN 1670**
Grade 0: 0 h (No defined corrosion resistance)
Grade 1: 24 h (Mild corrosion resistance)
Grade 2: 48 h (Moderate corrosion resistance)
Grade 3: 96 h (High corrosion resistance)
Grade 4: 240 h (Very high corrosion resistance)

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EN 1158:1997 + A1:2002 (D)

Door coordinator devices

Classification Coding System - e.g.: ECO SR III

1	2	3	4	5	6
3	5	3 6	1	1	2

1 Category of use

Grade 3: For all internal and external doors in use by the public and others, with little incentive to take care, i.e. where there is some chance of misuse of the door

2 Durability

Two test durations are identified for door coordinator devices manufactured to this standard:

Grade 5: 50.000 Test cycles

Grade 8: 500.000 Test cycles (for door coordinator devices incorporated in, or for use in conjunction with, automatic swing door operators)

3 Door coordinator size

Grade 3-7: Seetablebelow: Where a door coordinator device is suitable for arangeofdoor closer power sizes, both the **minimum and maximum** sizes shall be identified

Door coordinator size	Recommended door leaf width mm (max.)	Test door mass kg	Distance between hinge centre lines mm (max.)	Test door friction Nm (max.)
3	950	60	1.900	0,3
4	1.100	80	2.200	0,4
5	1.250	100	2.500	0,5
6	1.400	120	2.800	0,6
7	1.600	160	3.200	0,8

4 Suitability for use on fire/smoke doors

Grade 0: Not suitable for use on fire/smoke door assemblies

Grade 1: Suitable for use on fire/smoke door assemblies

5 Safety

Grade 1: All door coordinator devices are required to satisfy the essential requirement of safety in use; Therefore only **grade 1** is identified

6 Corrosion resistance

According to **EN 1670**

Grade 0: 0 h (No defined corrosion resistance)

Grade 1: 24 h (Mild corrosion resistance)

Grade 2: 48 h (Moderate corrosion resistance)

Grade 3: 96 h (High corrosion resistance)

Grade 4: 240 h (Very high corrosion resistance)

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EN 1906:2012 (D)

Lever handles and knob furniture

Classification Coding System - e.g.: OKL Magis

1	2	3	4	5	6	7	8
4	D9	–	B1	1	5	0	B

1 Category of use

Grade 1: Medium frequency of use, high incentive to exercise care, small chance of misuse, e.g. internal residential doors
Grade 2: Medium frequency of use, some incentive to exercise care, some chance of misuse, e.g. internal office doors
Grade 3: High frequency of use, little incentive to exercise care, high chance of misuse, e.g. public office doors
Grade 4: High frequency of use on doors which are subject to violent usage, e.g. football stadiums, schools, public toilets

2 Durability

Grade 6: 100.000 Test cycles
Grade 7: 200.000 Test cycles
Grade D9: MPAZert 1 million Test cycles

3 Door mass

Grade –: Noclassification

4 Fire resistance

Grade 0: No performance determined
Grade A: For use on smoke-control doors
Grade A1: For use on smoke-control doors, tested with 200.000 cycles on a test door
Grade B: For use on smoke-control and fire-resistant doors
Grade B1: For use on smoke-control and fire-resistant doors, tested with 200.000 cycles on a test door
Grade C: For use on smoke-control and fire-resistant doors with requirements for fire protection inlays in backplate, rose and escutcheon
Grade C1: For use on smoke-control and fire-resistant doors with requirements for fire protection inlays in backplate, rose and escutcheon, tested with 200.000 cycles on a test door
Grade D: For use on smoke-control and fire-resistant doors with requirements for special core in the handle/knob
Grade D1: For use on smoke-control and fire-resistant doors with requirements for special core in the handle/knob, tested with 200.000 cycles on a test door

5 Safety

Grade 0: Normal use
Grade 1: Safety applications

6 Corrosion resistance

Grade 0: 0 h (No)
Grade 1: 24 h (Mild)
Grade 2: 48 h (Moderate)
Grade 3: 96 h (High)
Grade 4: 240 h (Very high)
Grade 5: 480 h (Extra high)

7 Security

Grade 0: No burglary resistance
Grade 1: Mild burglary resistance
Grade 2: Moderateburglary resistance
Grade 3: High burglary resistance
Grade 4: Extra high burglary resistance

8 Type of operation

Type A: Spring-assisted furniture
Type U: Unsprung furniture
Type B: Spring-loaded furniture (with Carrier 90° swing)

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EN 179:2008 (D)

Emergency exit devices with lever handle/push pad

Classification Coding System - e.g.: ECO GBS 92 D / OKL Magis, D-110

1	2	3	4	5	6	7	8	9	10
3	7	7	B	1	3	5	2	A	B

1 Category of use

Grade 3: High frequency of use where there is little incentive to exercise care, i.e. where there is a chance of an accident occurring and of misuse

2 Durability

Grade 6: 100.000 Test cycles
Grade 7: 200.000 Test cycles

3 Door mass

Grade 5: Up to 100 kg
Grade 6: Up to 200 kg
Grade 7: Above 200 kg

4 Suitability for use on fire/smoke doors

Grade 0: Not approved for use on fire/smoke door assemblies
Grade A: Suitable for use on fire/smoke door assemblies based on the requirements of **B.1**
Grade B: Suitable for use on fire/smoke door assemblies based on the requirements of **EN 1634-1**

5 Safety

Grade 1: All panic and emergency devices have a critical safety function therefore only thetopgrade is identified

6 Corrosion resistance

Two grades of corrosion resistance given in **EN 1670:2007**,5.6
Grade 3: 96 h (High resistance)
Grade 4: 240 h (Very high resistance)

7 Security

Grade 2: 1.000 N
Grade 3: 2.000 N
Grade 4: 3.000 N
Grade 5: 5.000 N

8 Projection of operating element

Grade 1: Projection up to 150 mm (Large projection)
Grade 2: Projection up to 100 mm (Standard projection)

9 Type of operation

Type A: Emergency exit device with “lever handle” operation
Type B: Emergency exit device with “push pad” operation

10 Field of door application

Grade A: Outward opening single exit door, double exit door: active or inactive leaf
Grade B: Outward opening single exit door only
Grade C: Outward opening double exit door: inactive leaf only
Grade D: Inward opening single exit door only

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EN 1125:2008 (D)

Panic exit devices operated by a horizontal bar

Classification Coding System - e.g.: ECO GBS 93 B / EPN2000II

1	2	3	4	5	6	7	8	9	10
3	7	7	B	1	3	2	2	B	A

1 Category of use

Grade 3: High frequency of use where there is little incentive to exercise care, i.e. where there is a chance of an accident occurring and of misuse

2 Durability

Grade 6: 100.000 Test cycles
Grade 7: 200.000 Test cycles

3 Door mass

Grade 5: Up to 100 kg
Grade 6: Up to 200 kg
Grade 7: Above 200 kg

4 Suitability for use on fire/smoke doors

Grade 0: Not approved for use on fire/smoke door assemblies
Grade A: Suitable for use on fire/smoke door assemblies based on the requirements of **B.1**
Grade B: Suitable for use on fire/smoke door assemblies based on the requirements of **EN 1634-1**

5 Safety

Grade 1: All panic and emergency devices have a critical safety function therefore only thetopgrade is identified

6 Corrosion resistance

Two grades of corrosion resistance given in **EN 1670:2007**,5.6
Grade 3: 96 h (High resistance)
Grade 4: 240 h (Very high resistance)

7 Security

Grade 2: Panic devices are primarily for the operation of a door from inside and security is secondary to those of safety

8 Projection of horizontal bar

Grade 1: Projection up to 150 mm (Large projection)
Grade 2: Projection up to 100 mm (Standardprojection)

9 Projection of horizontal bar

Type A: Panic exit device with “push-bar” operation
Type B: Panic exit device with “touch-bar” operation

10 Field of door application

Grade A: Single door,
double door: active or inactive leaf
Grade B: Single door only
Grade C: Double door, inactive leaf only

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EN 13637:2015 (D)

Electrically controlled exit systems

Classification Coding System - Locks & building hardware

1	2	3	4	5	6	7	8	9	10	11
3	7	2	B	1	1	4	5	1	1	A

1 Category of use

Grade 3: High frequency of use where there is little incentive to exercise care, i.e. where there is a chance of an accident occurring and of misuse

2 Durability

Grade 6: 100.000 Test cycles
Grade 7: 200.000 Test cycles
Grade 8: 500.000 Test cycles
Grade 9: 1.000.000 Test cycles

3 Door mass and closing force

Grade 1: Up to 100 kg; max. 50 N closing force
Grade 2: Up to 200 kg; max. 50 N closing force
Grade 3: Above 200 kg (or specified by the manufacturer) max.50 N closing force
Grade 4: Up to 100 kg; max. 25 N closing force
Grade 5: Up to 200 kg; max. 25 N closing force
Grade 6: Above 200 kg (or specified by the manufacturer) max.25 N closing force
Grade 7: Up to 100 kg; max. 15 N closing force
Grade 8: Up to 200 kg; max. 15 N closing force
Grade 9: Above 200 kg (or specified by the manufacturer) max.15 N closing force

4 Suitability for use on fire/smoke door

Grade 0: Not approved for use on fire/smoke door assemblies
Grade A: Suitable for use on fire/smoke door assemblies based on the requirements of **EN 1634-3**
Grade B: Suitable for use on fire/smoke door assemblies based on the requirements of **EN 1634-1** or **EN 1634-2**

5 Safety

Grade 1: All escape door systems have critical safety functions, therefore only the top grade 1 is identified of this European Standard

6 Corrosion resistance

Grade 0: 0 h (No defined corrosion resistance)
Indoor, IP 30
Grade 1: 24 h (Mild corrosion resistance)
Indoor area where condensation may occur, IP 32
Grade 2: 48 h (Moderate resistance)
Outdoor, IP 44

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7 Security / Holding force from outside

Concerns electrical interlocking, electrically interlockable controls and the combination of an electrical interlock with mechanical escape door locks according to **EN 179** or **EN 1125**

Grade 2: 1.000 N
Grade 3: 2.000 N
Grade 4: 3.000 N
Grade 5: 5.000 N
Grade 6: > 5.000 N

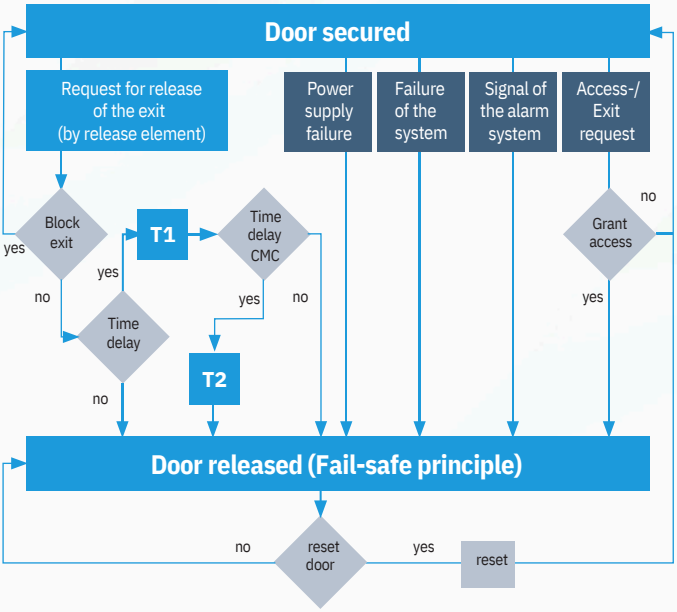
8 Security / Holding force from inside

Concerns electrical interlocking and electrically lockable controls.
Does not apply to mechanical controls according to E**N 179** or **EN 1125**

Grade 1: 500 N
Grade 2: 1.000 N
Grade 3: 2.000 N
Grade 4: 3.000 N
Grade 5: 5.000 N >
Grade 6: 5.000 N

9 Time delay

Grade 0: No time delay
Grade 1: Single time delay; **T1** = max. 15 s
Grade 2: Double time delay; **T1** = max. 15 s; **T2** = max. 180 s



10 Mode to lock the release

Grade 0: No blocking of release (always safe)
only available with central escape route control system
Grade 1: Release blocking available
(safe within specified time period))

11 Configuration

Grade A: Release element according to **EN 1125** installed in a horizontal actuating rod and activated by it
Grade B: Release element installed outside the door leaf as part of the emergency exit system and not functionally connected to an emergency exit lock
Grade C: Release element installed in the dummy of an operating rod or lever handle, which is not an operating element and is activated by it
Grade D: Other exit systems that do not correspond to one of the grades listed above

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EN 13126-3:2023 (D)

Hardware for windows and door-height windows

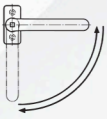
Classification Coding System - e.g.: ECO FO-110 A

1	2	3	4	5	6	7	8
H3/180	0	3	0	2	2	C1	1

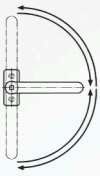
1 Durability

This grade shall be specified with the extension for the designated operational cycle: **90** for the turn cycle and **180** for the tilt-turn cycle

Grade H1/90: 5.000 Turn-Only cycles
Grade H2/90: 10.000 Turn-Only cycles
Grade H3/90: 20.000 Turn-Only cycles



Grade H1/180: 5.000 Tilt and Turn cycles
Grade H2/180: 10.000 Tilt and Turn cycles
Grade H3/180: 20.000 Tilt and Turn cycles



2 Mass

Grade 0: No requirements

3 Corrosion resistance

At least **grade2** of **EN 1670** listed grades

Grade 2: Moderate corrosion resistance 48 hours salt spray test; conditions of use: Indoor area where condensation may occur

Grade 3: High corrosion resistance
96 hours salt spray test; conditions of use:
Outdoor area where occasional or frequent wetting, rain or dew may occur

Grade 4: Very high corrosion resistance
240 hours salt spray test; conditions of use:
Outdoor areas with very harsh conditions

Grade 5: Exceptionally high corrosion resistance
480 hours salt spray test; conditions of use: Outdoor areas with exceptionally harsh conditions where long-term product protection is required

4 Test sizes

Grade 0: No requirements

5 Security against burglar attack

Grade 0: Without security against burglar attack 35 Nm;
Grade 1: Resistance against twisting-off and forcing-off 100 Nm;
Grade 2: Resistance against twisting-off and forcing-off 200 Nm;
Grade 3: Resistance against twisting-off and forcing-off

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5 Security against burglar attack

Additional test parameters

Grade	Durability Test cycles in per cent %	Durability Number of test cycles Cycles	MTorque resistance Closing mechanism Nm	Resistance against twisting-off Nm	Resistance against forcing-off Nm	*Tensile strength of spindle connection Window handle with spindle* N
1	25	1.250	2	35	35	800
2	25	2.500	2	100*	100*	1.000
3	25	5.000	2	200**	200**	1.500

* Alternatively ≥ 40 Nm with predetermined breaking point with full locking function
** Alternatively ≥ 50 Nm with predetermined breaking point with full locking function

6 Key related security

Grade 0: No locking mechanism
Grade 1: Non-key-operated locking mechanism (e.g. „PTO“: Push-to-Open);
Grade 2: Key-operated locking mechanism Number of locking variants ≥ 25 and ≤ 99;
Grade 3: Key-operated locking mechanism Number of locking variants ≥ 100.

7 Handle type

Grade N1: Non-clickable; Window handle
Grade N2: Non-clickable; Geared handle
Grade C1: Clickable; Window handle
Grade C2: Clickable; Geared handle

Application **N** = Non-clickable
Application **C** = Clickable

Handle design **1** = Window handle
Handle design **2** = Geared handle

8 Category of use

Grade 1-2: See table
Application **N** = Non-clickable handle
Application **C** = Clickable handle

Grade	**N**	**C**				**N** and **C**			
	Operating torque** M	Between-clicks torque** M_0	Click-out torque** M_a	Differential value ** $M_d = M - M_{a\,min}$ $_{0\,max}$	Free play* F = 7,5 N/100 mm parallel to the mounting plane Δ_{PA}	Free play* F = 7,5 N/100 mm perpendicular to the mounting plane Δ_{PE}	Torsional strength - Permissible deformation Initial load = 50 N/F = 200 N/85 mm/30 s Δ	Eccentric tensile strength - 50 mm/30s No fracture during the hold time F	*Fixed spindle connection* Window handle with spindle * F
	Nm	Nm	Nm	Nm	mm	mm	mm	N	N
1	≤ 1,4	≤ 1,4	≤ 6,0	≥ 0,4	≤ 6	≤ 6	≤ 5	600	≥ 100
2	≤ 0,8	≤ 0,8	≤ 4,0	≥ 0,8	≤ 4	≤ 4	≤ 2	1.200	≥ 100

* after durability testing ** before and after durability testing

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EN 12209:2003 (D)

Mechanically operated locks and locking plates

Classification Coding System - e.g.: ECO GBS 81

1	2	3	4	5	6	7	8	9	10	11
3	M	6	1	0	D	6	B	C	2	0

1 Category of use

Grade 1: For use by people with a high incentive to exercise care and with a small chance of misuse, e.g. residential doors

Grade 2: For use by people with some incentive to exercise care but where there is some chance of misuse, e.g. office doors

Grade 3: For use by the public where there is little incentive to exercise care, high chance of misuse, e.g. doors in public buildings

2 Durability

Grade A: 50.000 Test cycles; no load on latch bolt
Grade B: 100.000 Test cycles; no load on latch bolt
Grade C: 200.000 Test cycles; no load on latch bolt
Grade F: 50.000 Test cycles; 10 N load on latch bolt
Grade G: 100.000 Test cycles; 10 N load on latch bolt
Grade H: 200.000 Test cycles; 10 N load on latch bolt
Grade L: 100.000 Test cycles; 25 N load on latch bolt
Grade M: 200.000 Test cycles; 25 N load on latch bolt
Grade R: 100.000 Test cycles; 50 N load on latch bolt
Grade S: 200.000 Test cycles; 50 N load on latch bolt
Grade W: 100.000 Test cycles; 120 N load on latch bolt
Grade X: 200.000 Test cycles; 120 N load on latch bolt

3 Door mass and closing force

Grade 1: Up to 100 kg; 50 N max. closing force
Grade 2: Up to 200 kg; 50 N max. closing force
Grade 3: Above 200 kg (or specified by the manufacturer); 50 N max. closing force
Grade 4: Up to 100 kg; 25 N max. closing force
Grade 5: Up to 200 kg; 25 N max. closing force
Grade 6: Above 200 kg (or specified by the manufacturer); 25 N max. closing force
Grade 7: Up to 100 kg; max. 15 N closing force
Grade 8: Up to 200 kg; max. 15 N closing force
Grade 9: Above 200 kg (or specified by the manufacturer) ;15Nmax.closing force

4 Suitability for use on fire/smoke doors

Grade 0: Not approved for use on fire/smoke resisting door assemblies
Grade 1: Suitable for use on fire/smoke resisting door assemblies, subject to satisfactory assessment of the contribution of the lock or latch to the fire resistance of specified fire/smoke resisting door assemblies

5 Safety

Grade 0: No safety requirement

6 Corrosion resistance

Grade 0: (0 h) No defined corrosion resistance, no temperature requirement
Grade A: (24 h) Low corrosion resistance, no temperature requirement
Grade B: (48 h) Moderate corrosion resistance, no temperature requirement
Grade C: (96 h) High corrosion resistance, no temperature requirement
Grade D: (240 h) Very high corrosion resistance, no temperature requirement
Grade E: (48 h) Moderate corrosion resistance;
Temperature requirement: from -20ºC - +80ºC
Grade F: (96 h) High corrosion resistance;
Temperature requirement: -20ºC - +80ºC
Grade G: (240 h) Very high corrosion resistance;
Temperature requirement: -20ºC - +80ºC

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EN 1935:2002 (D)

Single-axis hinges

Classification Coding System - e.g.: ECO OBX- and OBN-18 hinges

1	2	3	4	5	6	7	8
4	7	7	1	1	3	1	14

1 Category of use

Grade 1: **Light duty**
Hinges for use on doors or windows in housing or other living areas and in buildings where there is a low frequency of use by those with a high incentive to exercise care and with a small chance of accidents occurring or of misuse

Grade 2: **Medium duty**
Hinges for use on doors in housing or other living areas and in other buildings where there is a medium frequency of use by those with some incentive to exercise care but where there is some chance of accidents occurring or of misuse

Grade 3: **Heavy duty**
Hinges for use on doors in buildings where there is a high frequency of use by public or others with little incentive to exercise care and with a high chance of accidents occurring or of misuse

Grade 4: **Severe duty**
Hinges for use on doors which are subject to frequent violent usage

2 Durability

Grade 3: 10.000 Test cycles(Hinges for use only on windows)
Grade 4: 25.000 Test cycles(Hinges for use on windows and doors)
Grade 7: 200.000 Test cycles(Hinges for use only on doors)

3 Test door mass

Grade 0: 10 kg
Grade 1: 20 kg
Grade 2: 40 kg
Grade 3: 60 kg
Grade 4: 80 kg
Grade 5: 100 kg
Grade 6: 120 kg
Grade 7: 160 kg

First digit			Second digit		Third digit	
Category of use			Durability Test cycles		Test door mass	
Duty	Grade	For use on	Grade	Number of test cycles	Grade	Mass kg
Light	1	Window	3	10.000	0	10
Light	1	Window	3	10.000	1	20
Light	1	Door or Window	4	25.000	1	20
Medium	2	Door	7	200.000	1	20
Light	1	Window	3	10.000	2	40
Light	1	Door or Window	4	25.000	2	40
Medium	2	Door	7	200.000	2	40
Light	1	Window	3	10.000	3	60
Light	1	Door or Window	4	25.000	3	60
Medium	2	Door	7	200.000	3	60
Heavy	3	Door	7	200.000	4	80
Severe	4	Door	7	200.000	5	100
Severe	4	Door	7	200.000	6	120
Severe	4	Door	7	200.000	7	160

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4 Suitability for use on fire/smoke doors

Grade 0: Not suitable for use on fire/smoke resistant door assemblies
Grade 1: Suitablefor use on fire/smoke resistant door assemblies **(EN 1634-1)**

5 Safety

Grade 1: All hinges are required to satisfy the essential requirement of safety in use. Therefore only **grade 1** is identified

6 Corrosion resistance

According to **EN 1670**

Grade 0: 0 h (No defined corrosion resistance)
Grade 1: 24 h (Mild corrosion resistance)
Grade 2: 48 h (Moderate corrosion resistance)
Grade 3: 96 h (High corrosion resistance)
Grade 4: 240 h (Very high corrosion resistance)

7 Security-burglar-resistance

Grade 0: Not suitable for use on burglar-resistant door assemblies
Grade 1: Suitable for use on burglar-resistant door assemblies, subject to satisfactory assessment of the contribution of the hinges to the burglar-resistance of specified burglar-resistant door assemblies

8 Hinge grade

Fourteen grades of hinges are identified in this European Standard, as listed in the table

Fourth digit	Fifth digit	Sixth digit	Seventh digit	Eighth digit
Fire/smoke suitability	Safety	Corrosion resistance	Security	Hinge grade
Grade	Grade	Grade	Grade	Grade
0 or 1	1	0, 1, 2, 3, 4	0 or 1	**1**
0 or 1	1	0, 1, 2, 3, 4	0 or 1	**2**
0 or 1	1	0, 1, 2, 3, 4	0 or 1	**3**
0 or 1	1	0, 1, 2, 3, 4	0 or 1	**4**
0 or 1	1	0, 1, 2, 3, 4	0 or 1	**5**
0 or 1	1	0, 1, 2, 3, 4	0 or 1	**6**
0 or 1	1	0, 1, 2, 3, 4	0 or 1	**7**
0 or 1	1	0, 1, 2, 3, 4	0 or 1	**8**
0 or 1	1	0, 1, 2, 3, 4	0 or 1	**9**
0 or 1	1	0, 1, 2, 3, 4	0 or 1	**10**
0 or 1	1	0, 1, 2, 3, 4	0 or 1	**11**
0 or 1	1	0, 1, 2, 3, 4	0 or 1	**12**
0 or 1	1	0, 1, 2, 3, 4	0 or 1	**13**
0 or 1	1	0, 1, 2, 3, 4	0 or 1	**14**

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Further relevant standards

EN 1522:	Bullet-resistant windows, doors and closures
EN 1634-1:	Fire resistance tests for door and shutter assemblies; Part 1: Fire resistance tests
EN 1634-3:	Fire resistance and smoke control tests for door and shutter assemblies; Part 3: Smoke control test for door and shutter assemblies
EN 1191:	Windows and doors Resistance to repeated opening and closing - Test method
EN 14351-1:	Windows and doors Product standard, performance characteristics; Part 1: Windows and external pedestrian door sets without resistance to fire and/or smoke leakage characteristics
EN 14351-2:	Windows and doors Product standard, performance characteristics Part 2: Internal pedestrian door sets without resistance to fire and/or smoke leakage characteristics
EN 16034:	Windows, doors and garage doors Product standard, performance characteristics; Fire resisting and/or smoke control characteristics Power operated pedestrian doors
EN 16361:	Product standard, performance characteristics; Pedestrian door sets, other than swing type, initially designed for installation with power operation without resistance to fire and smoke leakage characteristics

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