



DOOR CLOSERS

Example for door closers series D5200

1 2 3 4 5 6
| 4 | 8 | 1-4 | 1 | 1 | 3 |

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 close efficiency
			between 0° and 4°		between 88° and 92°	any other angle		
			Nm (min)	Nm (max)	Nm (min)	Nm (max)		
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 in use; Therefore only grade 1 is identified

6 Corrosion resistance

Grade 0: No defined corrosion resistance
Grade 1: Mild resistance
Grade 2: Moderate resistance
Grade 3: High resistance
Grade 4: Very high resistance