DIN EN 14010:2009-12 (E)

Safety of machinery - Equipment for power driven parking of motor vehicles - Safety and EMC requirements for design, manufacturing, erection and commissioning stages (includes Amendment A1:2009)

Contents		Page	
Forewor	d	3	
Introduc	tion	4	
1	Scope	5	
2	Normative references	6	
3	Terms and definitions	8	
4	List of significant hazards	10	
5	Safety and EMC requirements and/or safety measures	16	
5.1	General	16	
5.2	Control devices and equipment used for safety purposes		
5.3	Electrical equipment	22	
5.4	Hydraulic systems and hydraulic equipment	23	
5.5	Load carrier	25	
5.6	Lifting elements	26	
5.7	Transmission elements		
5.8	Non-automatic horizontally moving parking equipment in areas accessible to the user		
5.9	Safety devices for non-automatic horizontally moving parking equipment		
5.10	Non-automatic vertically moving parking equipment in areas accessible to the user		
5.11	Automatic parking equipment		
5.12	Design of the transfer area		
_			
6	Verification of safety and EMC requirements and/or measures	40	
6.2	Special verification		
6.3	Type testing	46	
7	Information for use	46	
7.1	Instruction handbook	46	
7.2	Marking		
Δημέχ Δ	(normative) Design criteria	51	
Annex B	(informative) Automatic parking equipment	52	
Annex C	(normative) Design criteria	53	
Annex Z	A (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 98/37/EC	55	
Annex Z	B (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC	56	
Annex Z	C (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2004/108/EC	57	
Bibliogra	aphy	58	