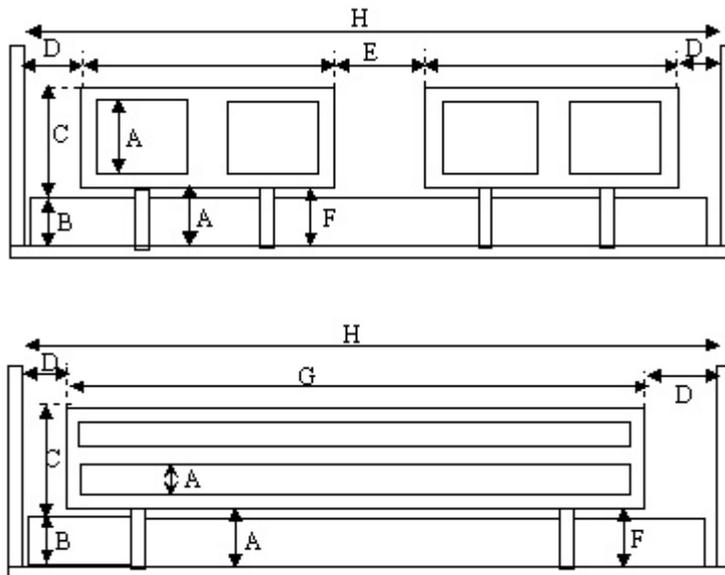


Appendix 2 – BS EN Dimensional requirements (BS EN 1970:2000) (to be withdrawn 1 April 2013)

Dimensional requirements of bed rails (from BS EN 1970:2000)



(Please note that the British Standard may need to be bettered if assessment identifies that individuals may become entrapped between the rails or between the rails and bed (e.g. the gap between the bottom rail and the base board may need to be significantly less than 120mm (designator F) if there is a risk that individuals may slip through this gap)

Designator	Description	Requirement mm
A	The greatest dimension in at least one direction between elements inside of the perimeter of the side rail/grab handle in all normal use positions	$A \leq 120$
B	Thickness of normal use mattress as specified by the manufacturer without compression	As specified by the manufacturer
C	Height of the top of the side rail above	$C \geq 220$

	the mattress without compression and with the bed board in flat position		
D	Distance between the head end panel/foot end panel/accessories and the side rail grab handle with the bed board in flat position. Applies also if the end panels are extended.	$D \leq 60$ or $D \geq 250$	
E	Distance between segmented side rails with bed board in flat position	$E \leq 60$ or $250 \leq E \leq 400$	
F	The greatest dimension in at least one direction of any accessible opening below the side rail, either	If D or $E \geq 250$ then: $F \leq 60$	If D or $E \leq 60$ then: $F \leq 120$
G	The length of side rail(s)	$G \geq 2/3 H$	
H	The distance between the head end panel and the foot end panel without extensions of the panels.	No requirements	

Permission to reproduce extracts from BS EN 60601-2-52:2010 is granted by the British Standards Institution (BSI). No other use of this material is permitted. The complete British Standard can be purchased from the BSI online shop:
<http://shop.bsigroup.com/en/ProductDetail/?pid=00000000030245908>