

MATERIAL DATA SHEET

MDS_SPRINGv2014-08-18

18/08/2014

CDM-SPRING type

☐ 2,5Hz

☐ 3,0Hz

☐ 3,5Hz

☐ 4,0Hz

☒ 4,5Hz

☐ 5,0Hz

Load [kN]	Design value	Max * limit	Block limit
	1,35	1,67	2,73

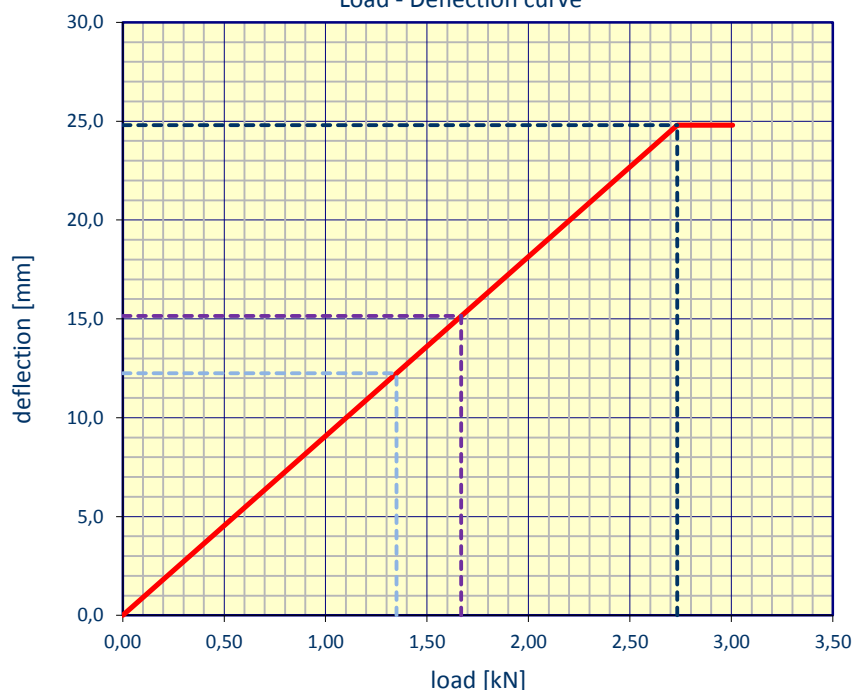
(*) max 1% relaxation limit acc. to IST



0,01 0,1 1 10 100 1000 10000



Load - Deflection curve



Wire diameter (d)	6,0 mm	Vertical spring rate (R)	110 N/mm
Free length (L ₀)	50 mm	Horizontal spring rate (R _Q) at F _{v,design}	118 N/mm
Exterior diameter (D _e)	39,8 mm	Coil resonance (f _e)	625 Hz
Number of active coils (n)	3 #	Weight (m)	106,0 g

calculations following EN 13906-1:2008

Data provided in this document has been collected using tests compliant with internationally recognized test procedures. All data provided is given in good faith using state of the art practices and production tolerances and it may be used for calculation and design purposes. This data cannot be considered a warranty as there may be factors, outside our knowledge and control, which effect the performance of our product and therefore CDM cannot be held responsible for the project specific performance of our product. Please contact CDM technical department for application recommendations. CDM reserve the right to modify our data and product without notice.

CDM-ISOLATORS: SPRINGS

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