



GENERAL

The medium duty MD and heavy duty HD mountings are designed for the following applications:

- Heavy industrial machinery such as fans, shredders etc.
- Large generator sets
- Roller mills and mixers
- Complete power plants
- Boilers

Technical documentation

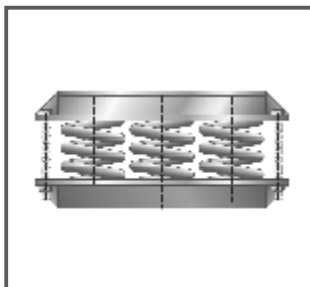
Medium and heavy duty spring isolators



AVM Air Spring Ltd.

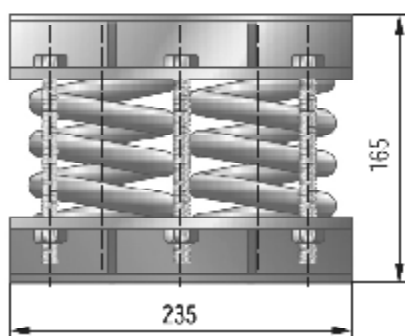
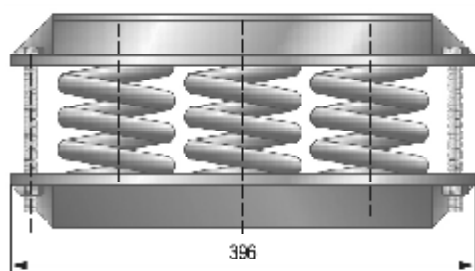
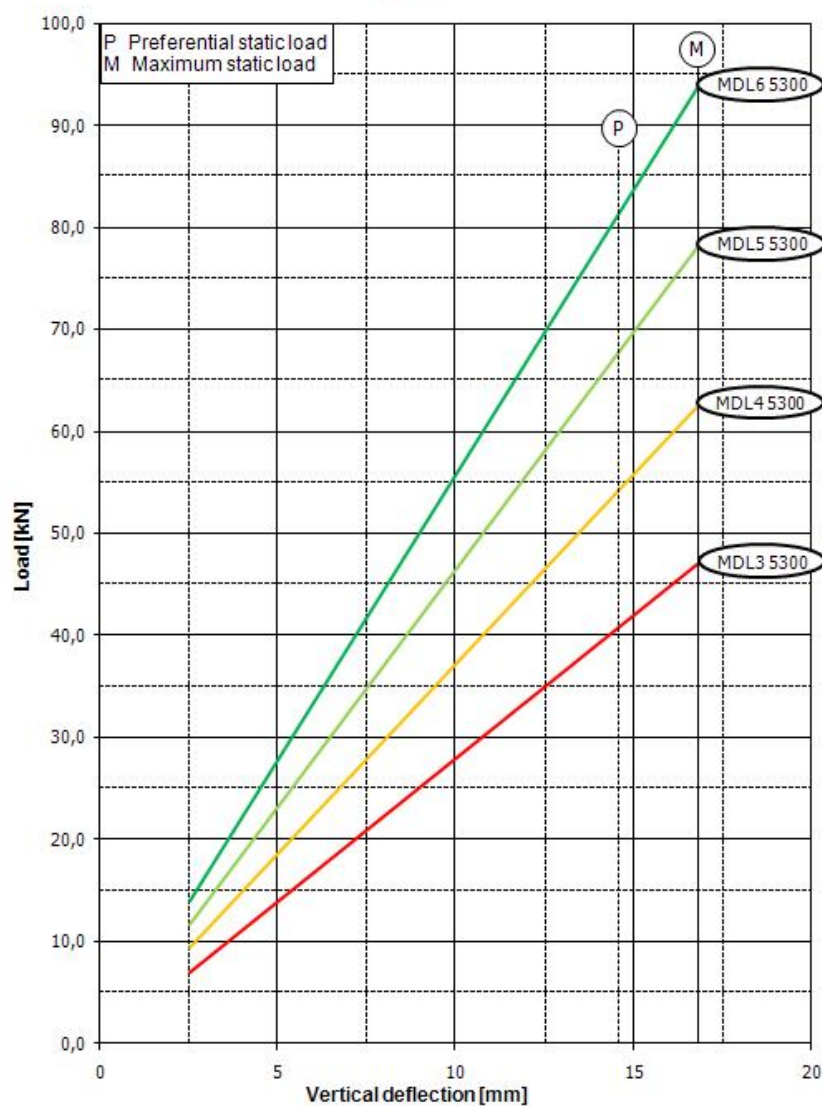
A subsidiary of Rubber Design B.V.

Type MDL - 5300



Type	Cz (N/mm)	Cx, y (N/mm) at preferential load	Fz max (N)	Fz preferential (N)
MDL3-5300	2790	2010	47000	40700
MDL4-5300	3720	2680	62000	53700
MDL5-5300	4650	3350	78000	67500
MDL6-5300	5580	4020	94000	81400

Vertical load / deflection characteristics
MDL



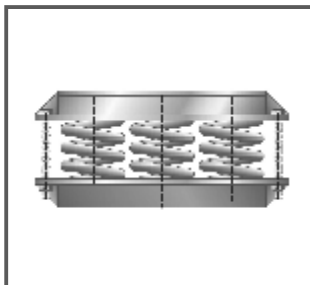
Technical documentation

Medium and heavy duty spring isolators

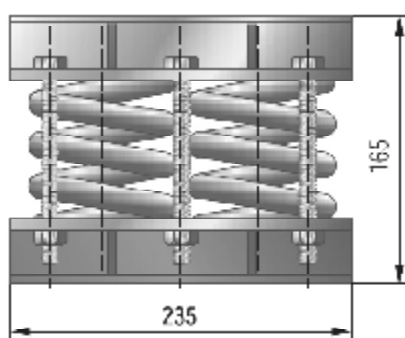
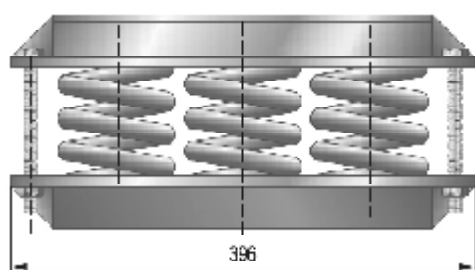


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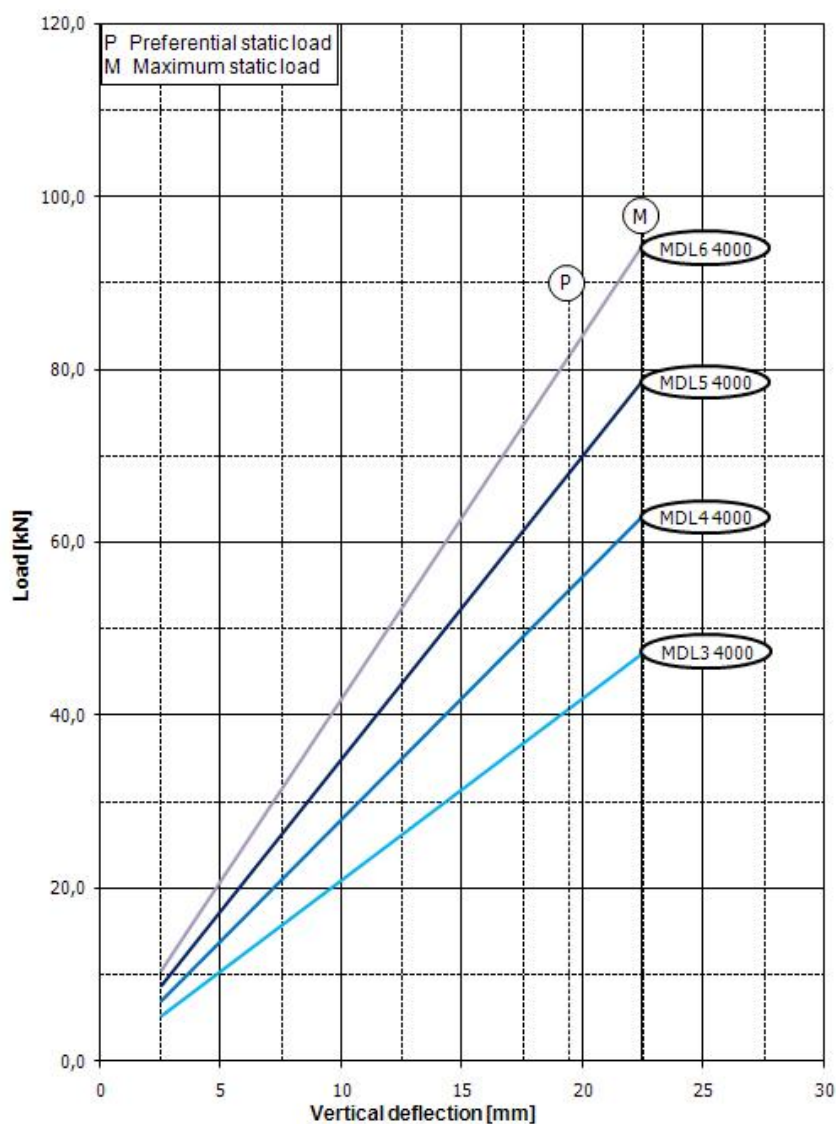
Type MDL - 4000



Type	Cz (N/mm)	Cx, y (N/mm) at preferential load	Fz max (N)	Fz preferential (N)
MDL3-4000	2100	1636	47000	40700
MDL4-4000	2800	2180	62000	53700
MDL5-4000	3500	2725	78000	67500
MDL6-4000	4200	3270	94000	81400

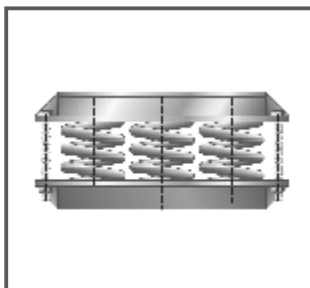


Vertical load / deflection characteristics
MDL

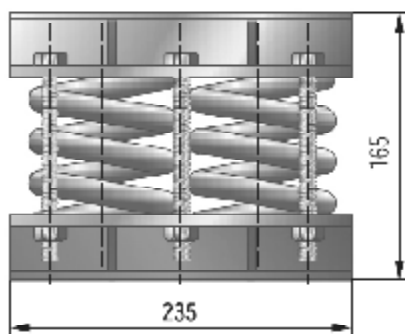
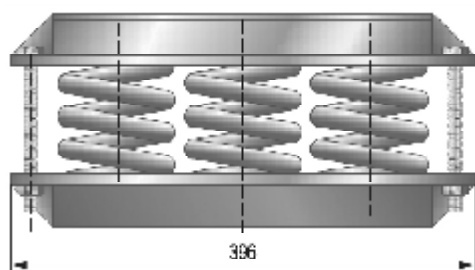




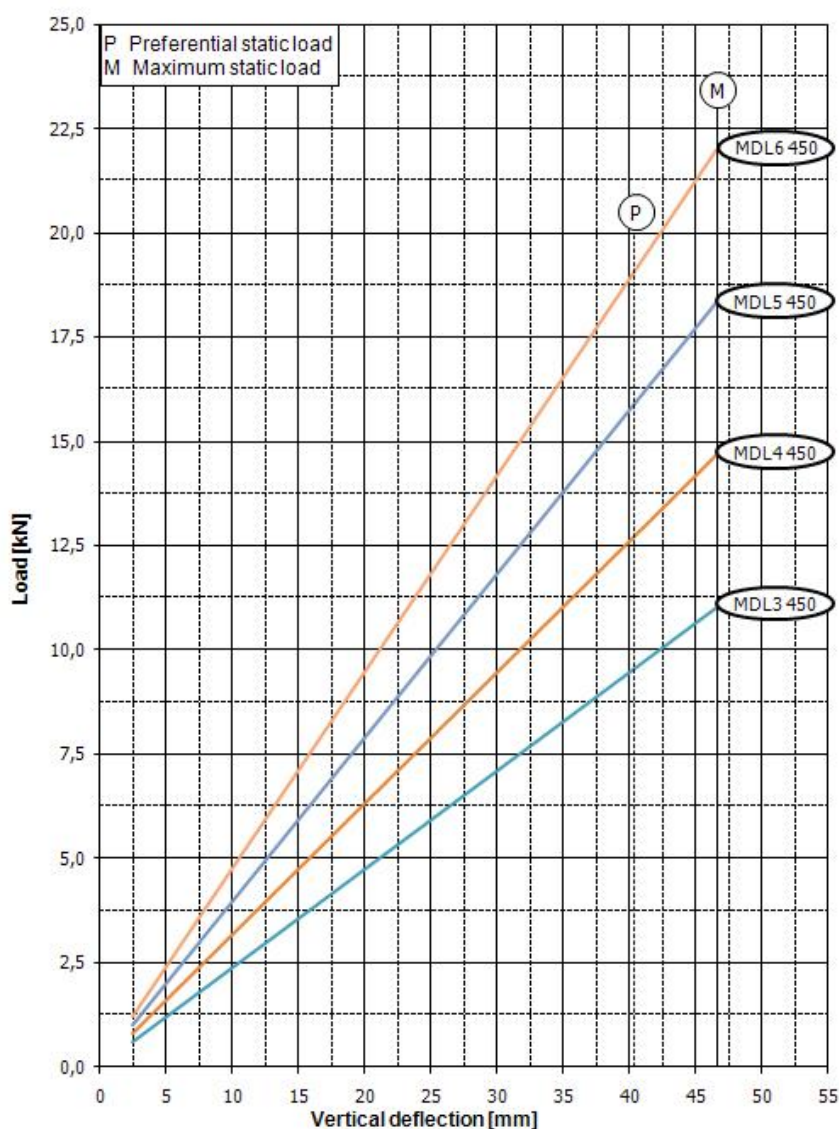
Type MDL - 450



Type	Cz (N/mm)	Cx, y (N/mm) at preferential load	Fz max (N)	Fz preferential (N)
MDL3-450	263	208	11000	9525
MDL4-450	315	278	14000	12050
MDL5-450	393	347	18000	15500
MDL6-450	472	417	22000	18925



**Vertical load / deflection characteristics
MDL**



Technical documentation

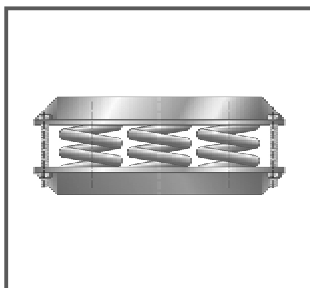
Medium and heavy duty spring isolators



AVM Air Spring Ltd.

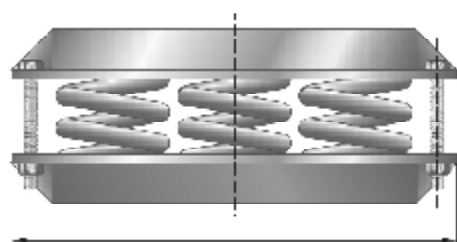
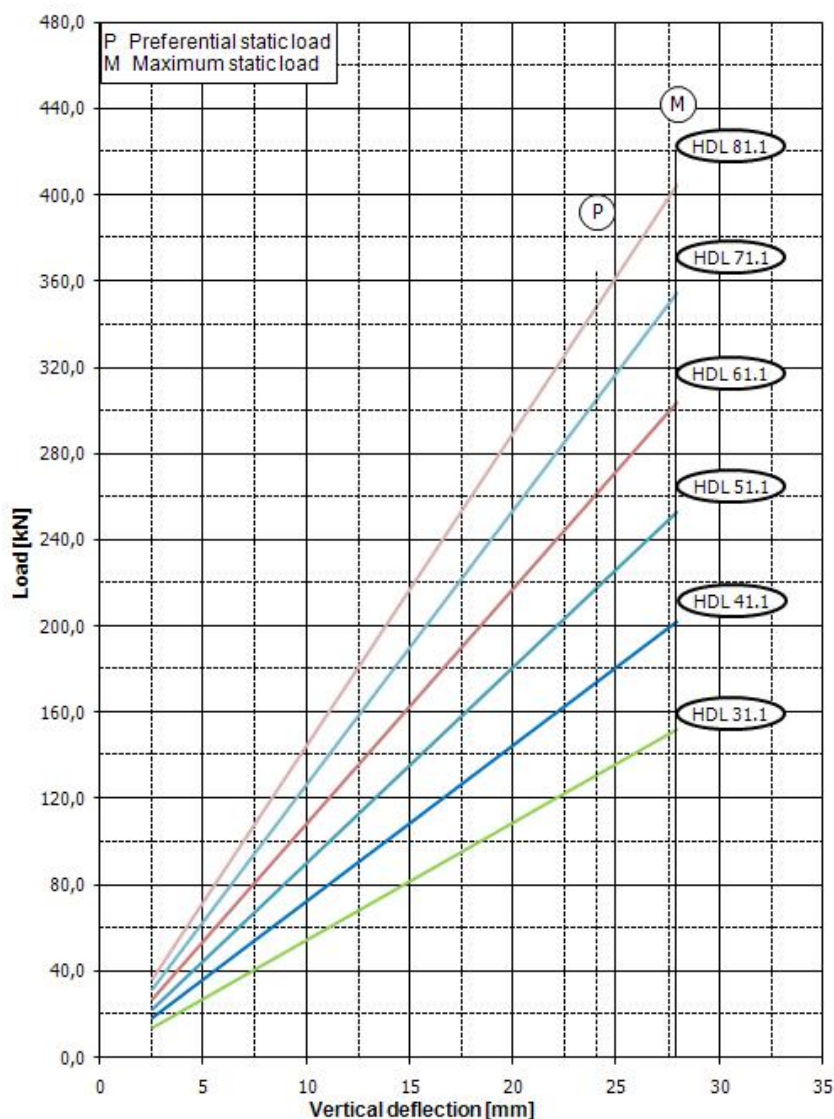
A subsidiary of Rubber Design B.V.

Type HDL

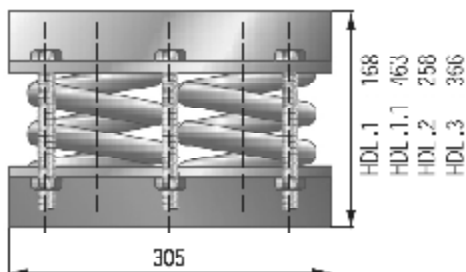


Type	Cz (N/mm)	Cx, y (N/mm) at preferential load	Fz max (N)	Fz preferential (N)
HDL 31.1	5430	1848	151750	130475
HDL 41.1	7240	2464	202250	174000
HDL 51.1	9050	3080	252850	217450
HDL 61.1	10860	3696	303500	260950
HDL 71.1	12670	4312	354000	304450
HDL 81.1	14480	4928	404500	348000

Vertical load / deflection characteristics
HDL



HDL 3. and 4. : 456
HDL 5. and 6. : 552
HDL 7. and 8. : 723



Technical documentation

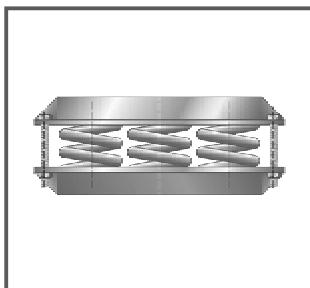
Medium and heavy duty spring isolators



AVM Air Spring Ltd.

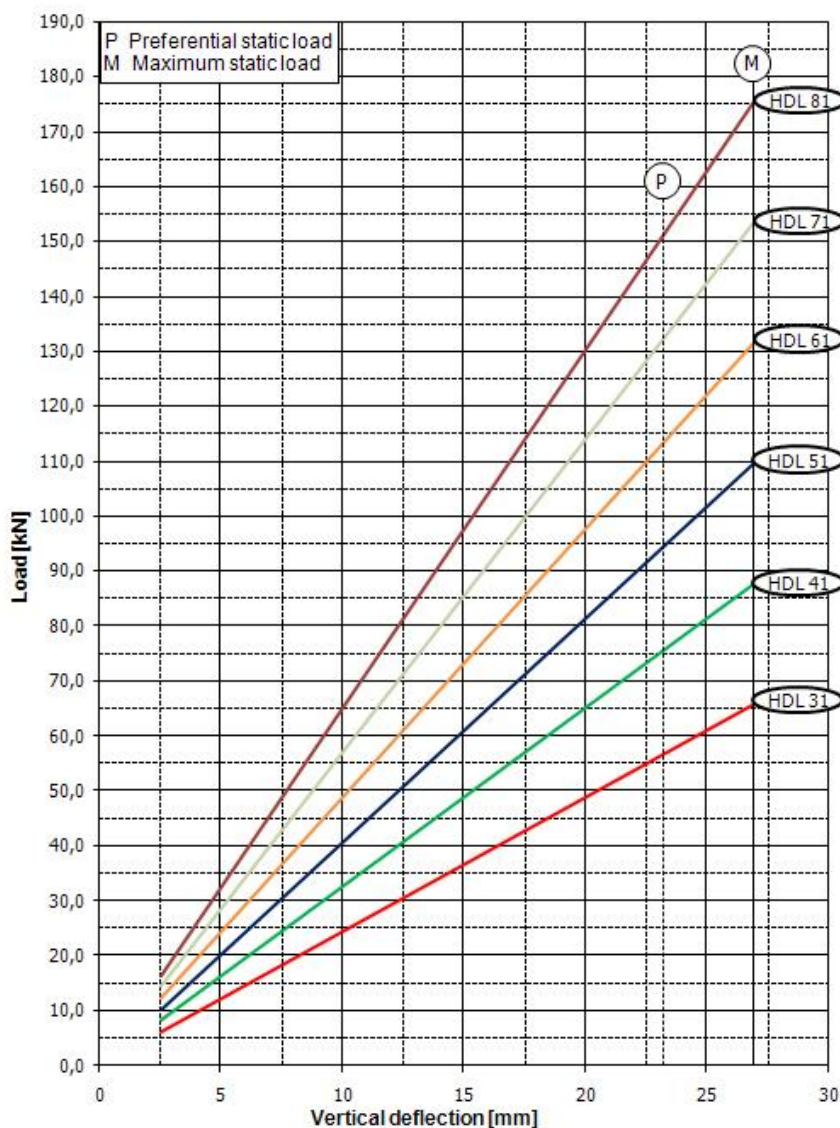
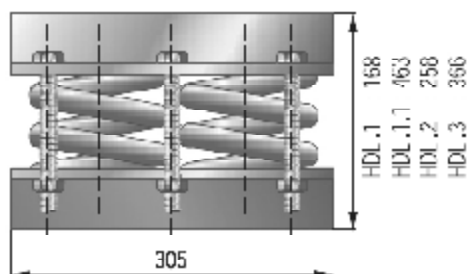
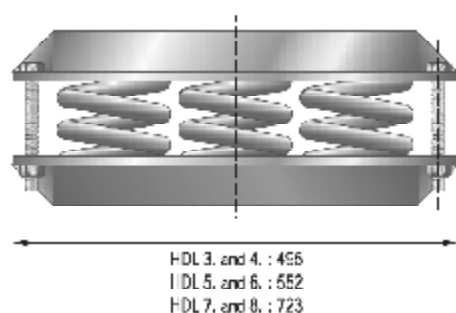
A subsidiary of Rubber Design B.V.

Type HDL - 1



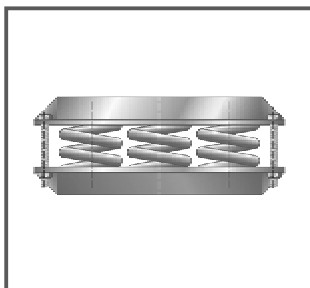
Type	Cz (N/mm)	Cx, y (N/mm) at preferential load	Fz max (N)	Fz preferential (N)
HDL 31	2445	2677	65800	56600
HDL 41	3260	3570	87760	75475
HDL 51	4075	4462	109700	94340
HDL 61	4890	5354	131640	113200
HDL 71	5705	6247	153580	132000
HDL 81	6520	7140	175500	150950

Vertical load / deflection characteristics HDL - 1



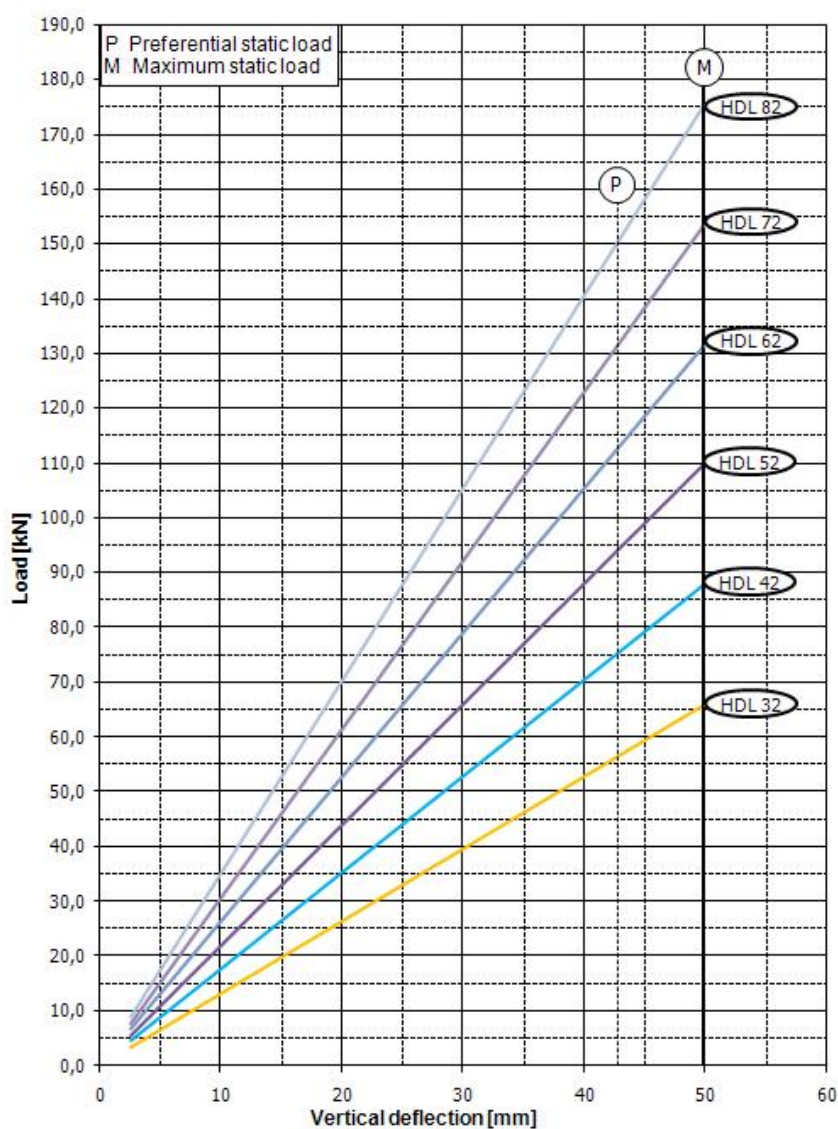
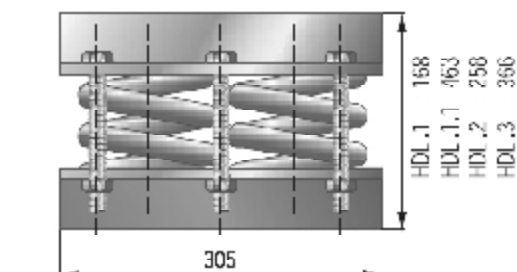
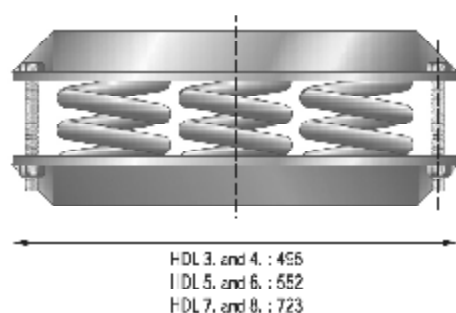


Type HDL - 2



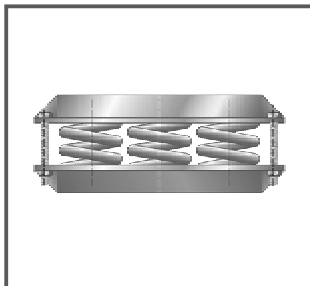
Type	Cz (N/mm)	Cx, y (N/mm) at preferential load	Fz max (N)	Fz preferential (N)
HDL 32	1320	633	65700	56500
HDL 42	1760	844	87650	75375
HDL 52	2200	1055	109560	94220
HDL 62	2640	1266	131400	113000
HDL 72	3080	1477	153350	131875
HDL 82	3520	1688	175300	150750

**Vertical load / deflection characteristics
HDL - 2**



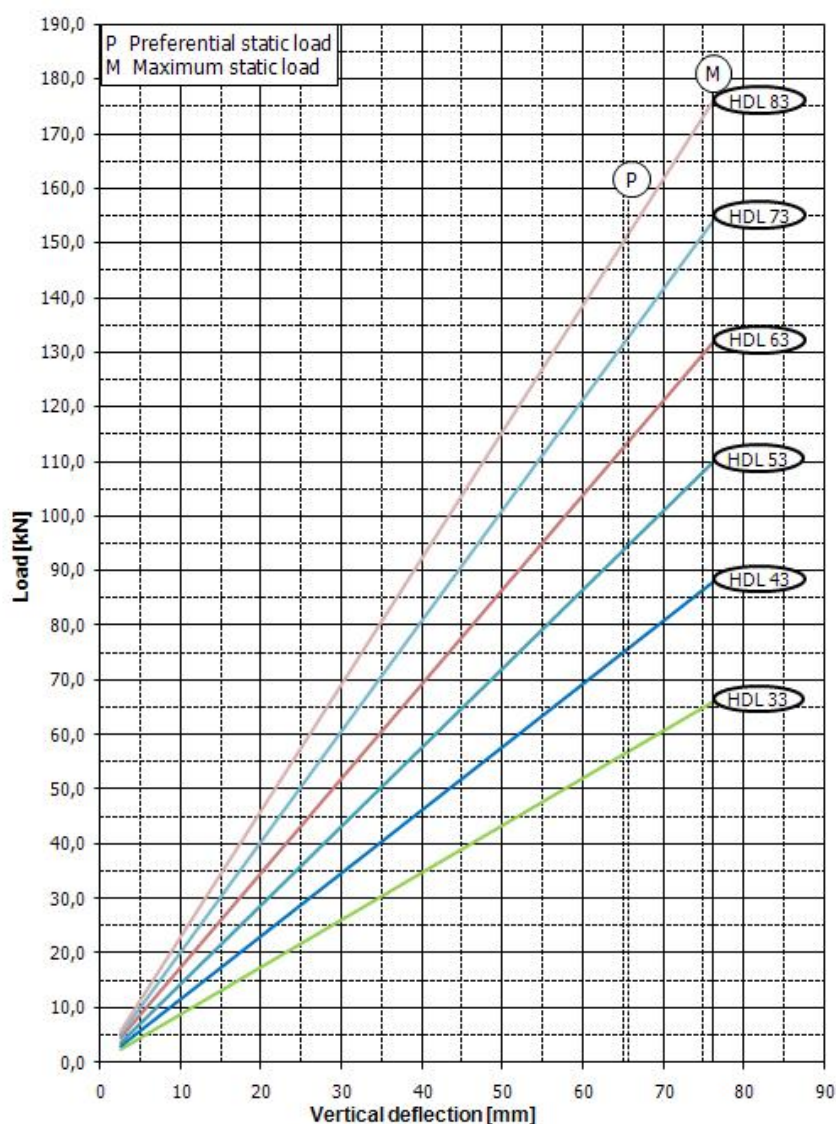
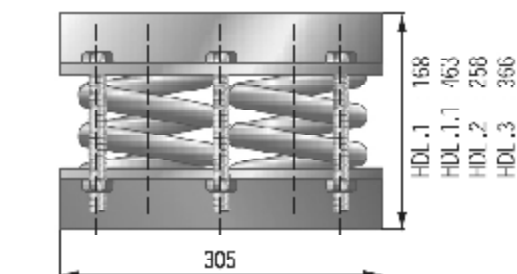
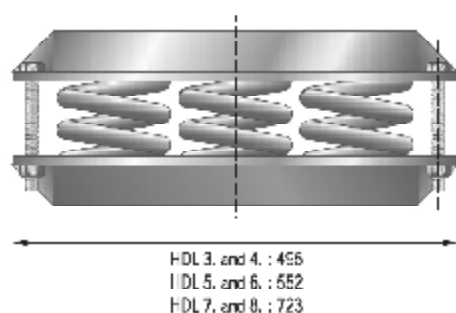


Type HDL - 3



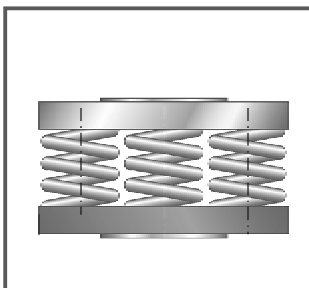
Type	Cz (N/mm)	Cx, y (N/mm) at preferential load	Fz max (N)	Fz preferential (N)
HDL 33	867	115	66000	56815
HDL 43	1156	153	88000	75750
HDL 53	1445	191,5	110000	94600
HDL 63	1734	306	132000	113500
HDL 73	2023	268	154000	132400
HDL 83	2312	306	176000	151500

**Vertical load / deflection characteristics
HDL - 3**



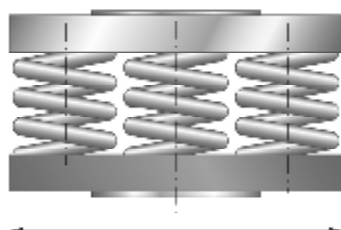


Type HDT

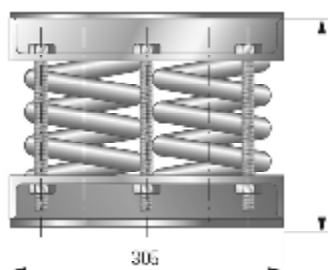


Type	Cz (N/mm)	Cx, y (N/mm) at preferential load	Fz max (N)	Fz preferential (N)
HDT 31.1	5430	1848	151750	130475
HDT 41.1	7240	2464	202250	174000
HDT 51.1	9050	3080	252850	217450
HDT 61.1	10860	3696	303500	260950
HDT 71.1	12670	4312	354000	304450
HDT 81.1	14480	4928	404500	348000

**Vertical load / deflection characteristics
HDT**

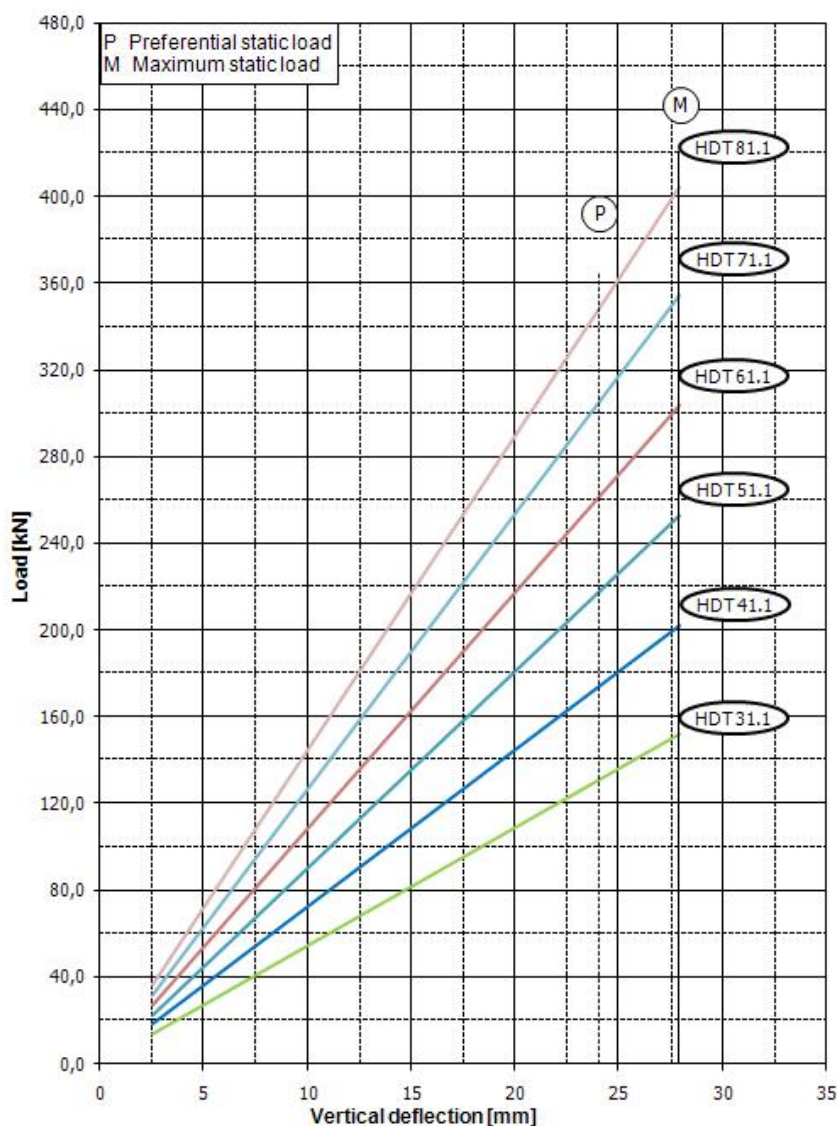


HDT 3, and 4 : 375
HDT 6, and 5 : 432
HDT 7, and 8 : 503



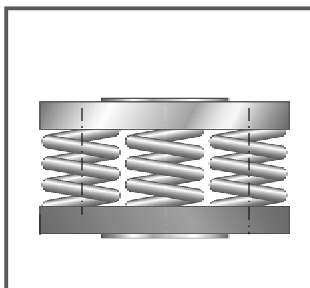
HDT 1 : 332
HDT 1.1 : 453
HDT 2 : 422
HDT 3 : 530

305

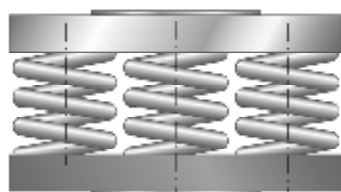




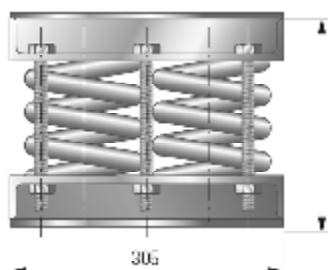
Type HDT - 1



Type	Cz (N/mm)	Cx, y (N/mm) at preferential load	Fz max (N)	Fz preferential (N)
HDT 31	2445	2677	65800	56600
HDT 41	3260	3570	87760	75475
HDT 51	4075	4462	109700	94340
HDT 61	4890	5354	131640	113200
HDT 71	5705	6247	153580	132000
HDT 81	6520	7140	175500	150950



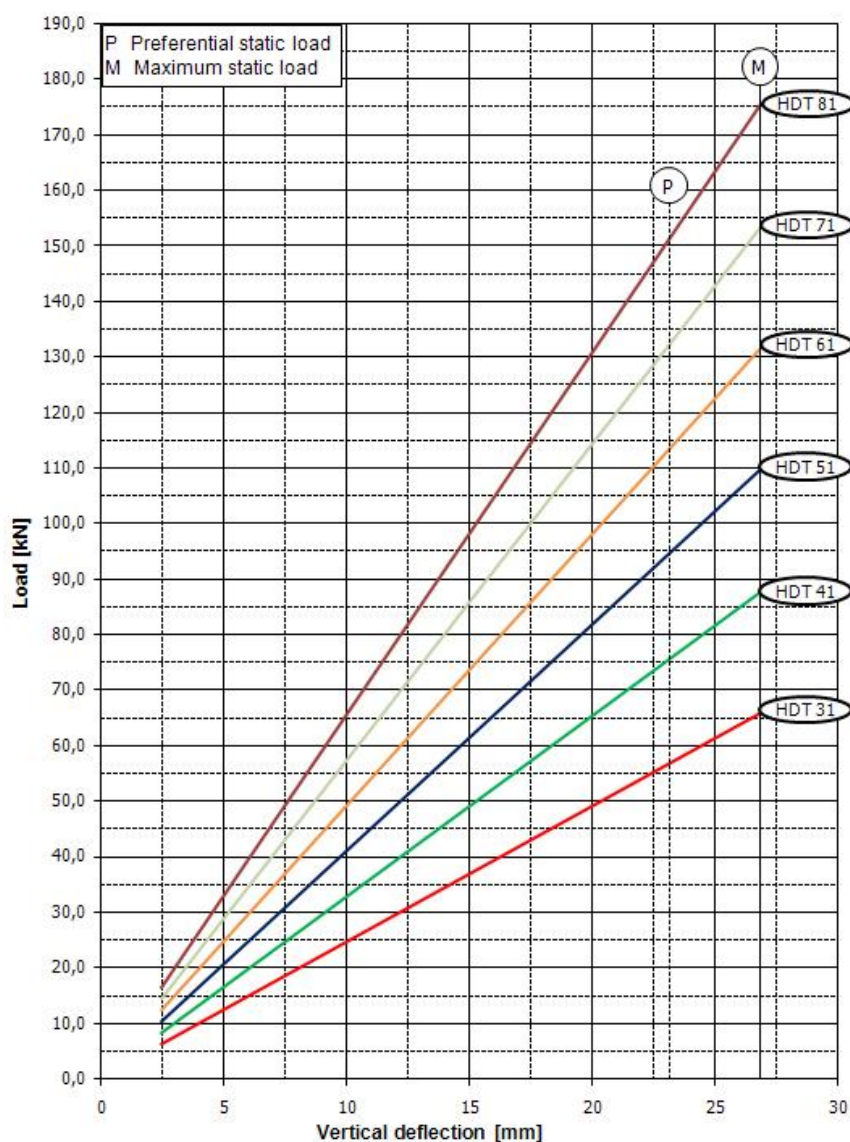
HDT 3, and 4 : 375
HDT 6, and 9 : 482
HDT 7, and 8 : 803



HDT 1 : 332
HDT 1.1 : 463
HDT 2 : 422
HDT 3 : 530

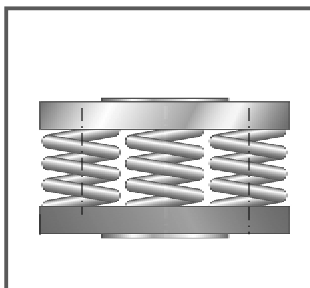
305

**Vertical load / deflection characteristics
HDT1**



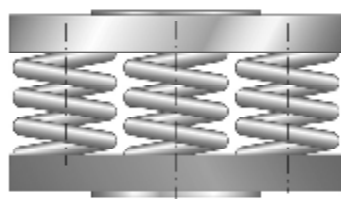


Type HDT - 2

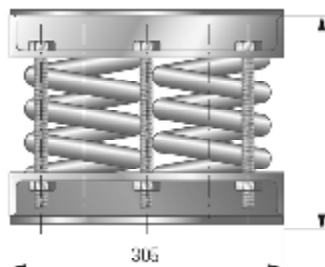


Type	Cz (N/mm)	Cx, y (N/mm) at preferential load	Fz max (N)	Fz preferential (N)
HDT 32	1320	633	65700	56500
HDT 42	1760	844	87650	75375
HDT 52	3080	1055	109560	94220
HDT 62	2640	1266	131400	113000
HDT 72	3080	1477	153350	131875
HDT 82	3520	1688	175300	150750

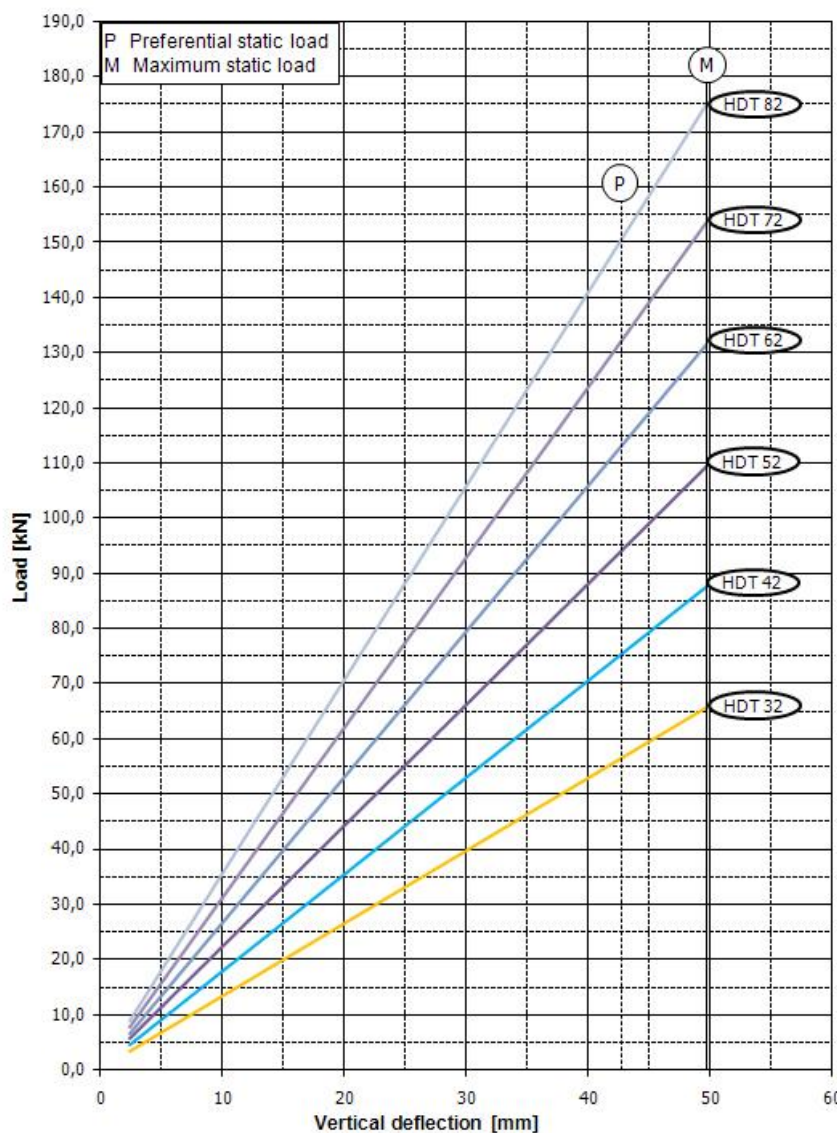
**Vertical load / deflection characteristics
HDT2**



HDT 3, and 4 : 375
HDT 6, and 5 : 482
HDT 7, and 8 : 803

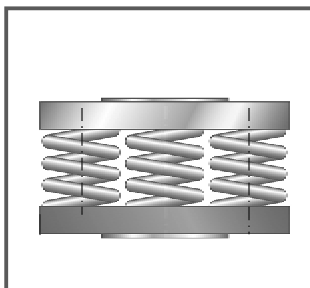


HDT 1 : 832
HDT 1.1 : 463
HDT 2 : 422
HDT 3 : 530



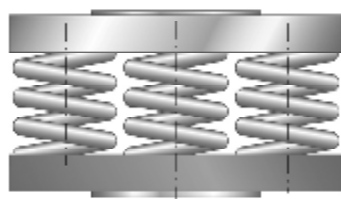


Type HDT - 3

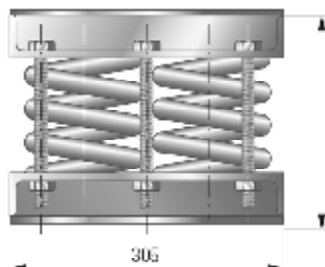


Type	Cz (N/mm)	Cx, y (N/mm) at preferential load	Fz max (N)	Fz preferential (N)
HDT 33	867	115	66000	56815
HDT 43	1156	153	88000	75750
HDT 53	1445	191,5	110000	94600
HDT 63	1734	306	132000	113500
HDT 73	2023	268	154000	132400
HDT 83	2312	306	176000	151500

**Vertical load / deflection characteristics
HDT3**

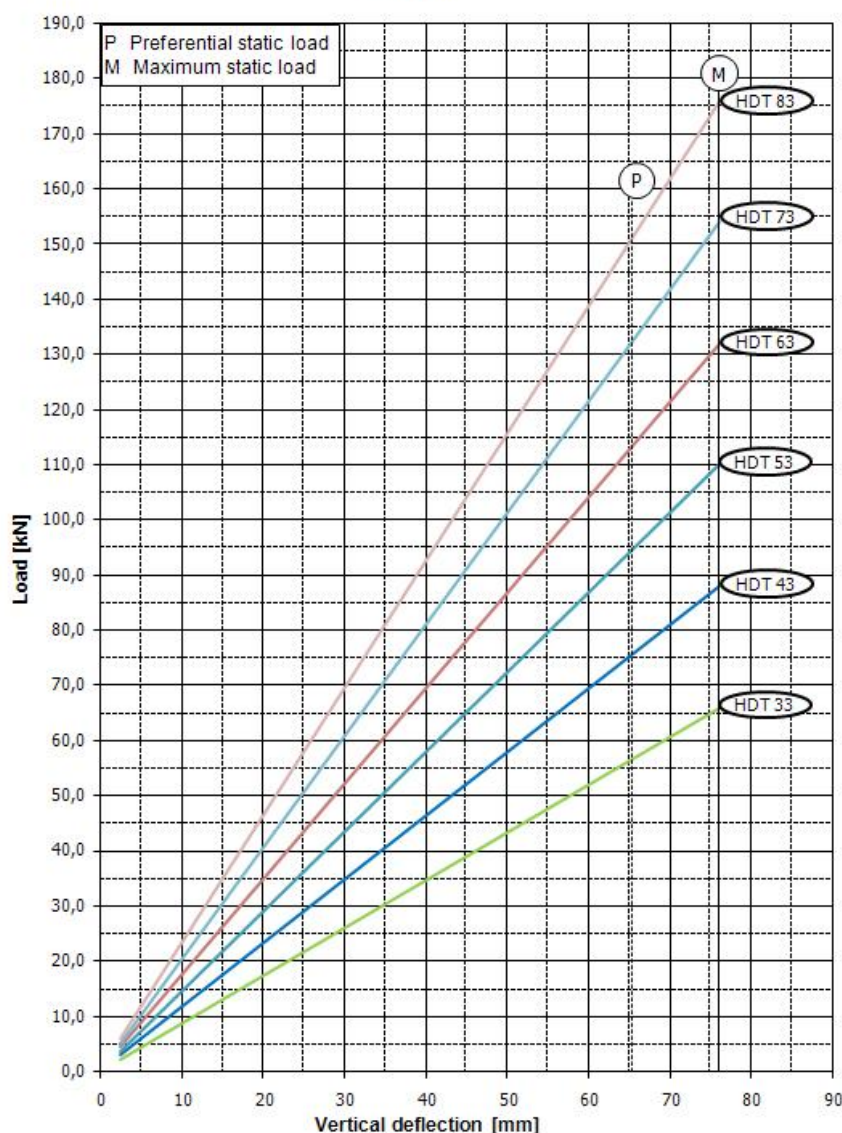


HDT 3, and 4 : 375
HDT 5, and 6 : 432
HDT 7, and 8 : 503



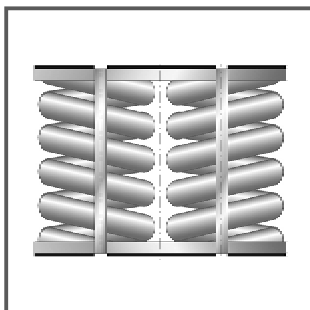
HDT 1 : 332
HDT 1.1 : 453
HDT 2 : 422
HDT 3 : 530

305



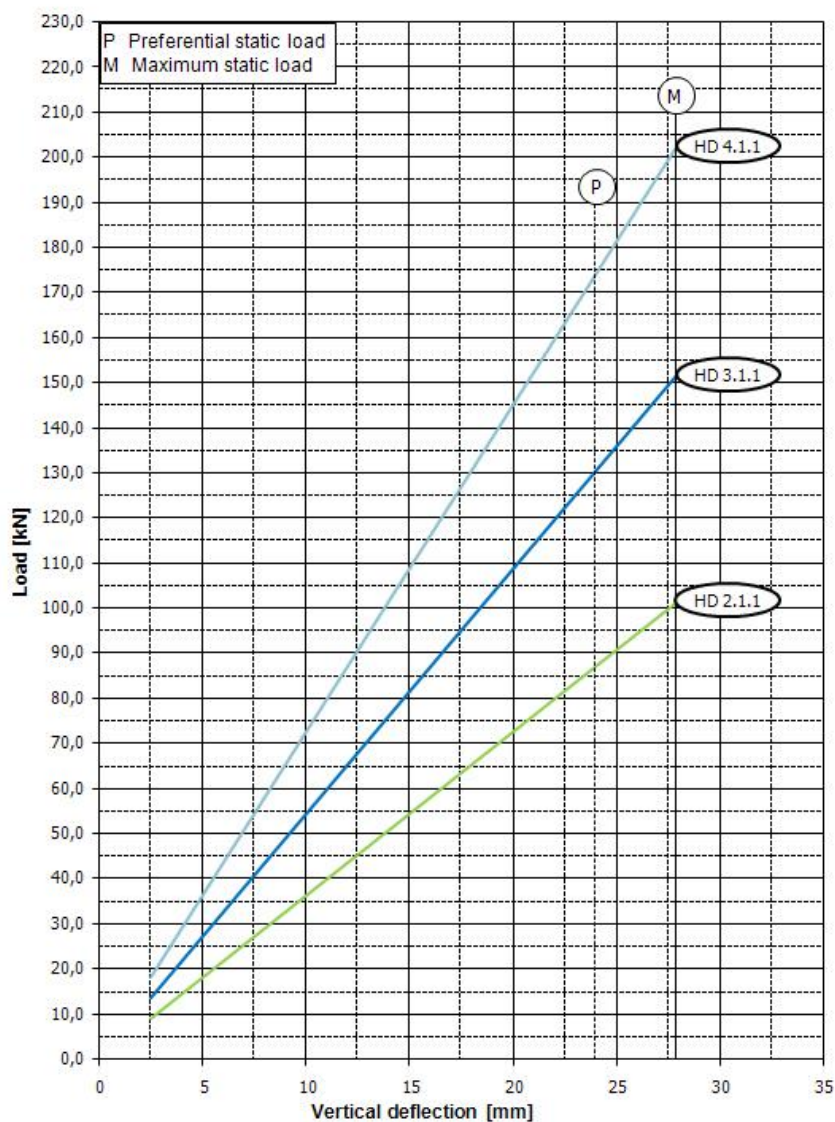
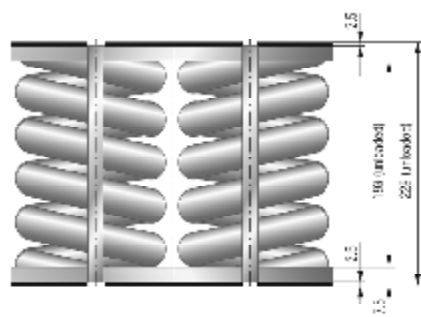
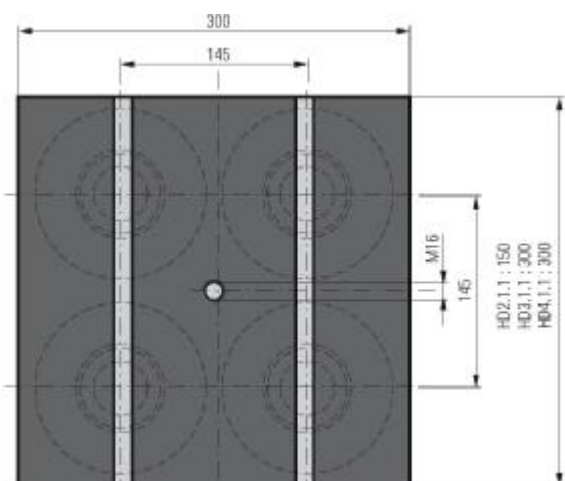


Type HD

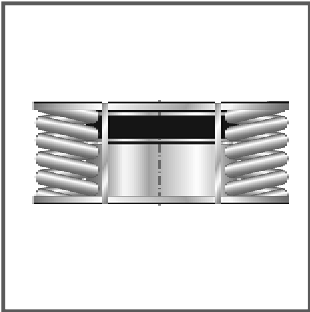


Type	Cz (N/mm)	Cx, y (N/mm) at preferential load	Fz max (N)	Fz preferential (N)
HD 2.1.1	3620	1232	101125	87000
HD 3.1.1	5430	1848	151688	130500
HD 4.1.1	7240	2464	202250	174000

Vertical load / deflection characteristics HD

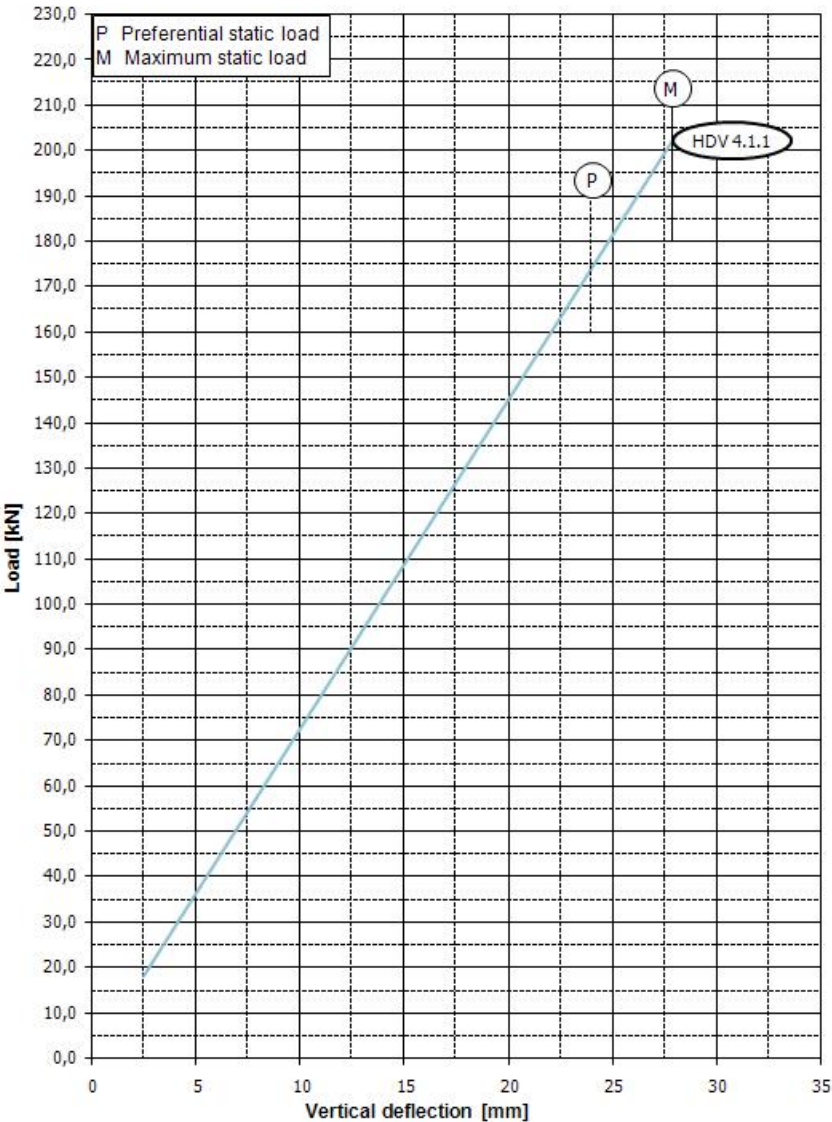
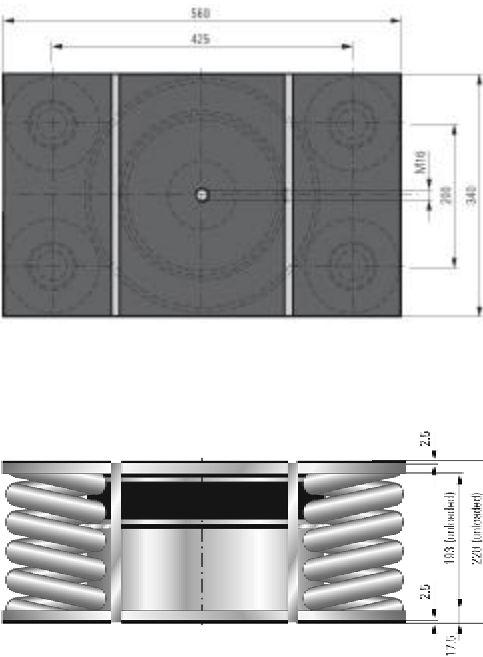


Type HDV



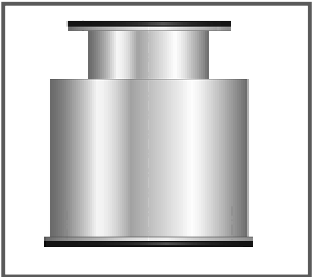
Type	Cz (N/mm)	Cx, y (N/mm) at preferential load	Fz max (N)	Fz preferential (N)
HVD 4.1.1	7240	2464	202250	174000

Vertical load / deflection characteristics
HDV





Type DV



Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
DV 1	250	250	210	210	17	300
DV 2	330	305	270	265	22	400
DV 3	406	330	330	270	29	450

