

Vibration-damping elements

Rubber and steel or stainless steel

BASE

- **DVA:** zinc-plated steel.
- **DVA-SST:** AISI 304 stainless steel.

VIBRATION-DAMPING BODY

Natural rubber NR, hardness 40, 55, 70 tolerance ± 5 Shore A, black colour. Available standard hardness 55 tolerance ± 5 Shore A for executions with AISI 304 stainless steel base.

STANDARD EXECUTIONS

- **DVA.6:** zinc-plated steel threaded stud.
- **DVA.6-SST:** AISI 304 stainless steel threaded stud.
- **DVA.7:** zinc-plated steel boss, threaded blind hole.
- **DVA.7-SST:** AISI 304 stainless steel boss, threaded blind hole.

FEATURES AND APPLICATIONS

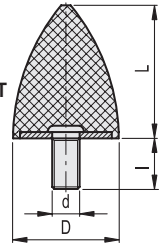
The vibration-damping elements have been designed to damp vibrations, shocks and noises produced by moving bodies or non-balanced vibrating masses of equipment and machines which can cause:

- malfunctioning and reduction of the machine lifespan and/or of the adjacent ones;
- damage to health;
- noise.

Load diagrams for each single code are available on request. See technical data and guidelines for the choice on page A53.

SPECIAL EXECUTIONS ON REQUEST

Natural rubber NR, hardness 40, 70 tolerance ± 5 Shore A for executions with AISI 304 stainless steel base.



* Complete the description with the desired hardness: 40, 55 or 70 tolerance ± 5 Shore A.

DVA.6 - 20 - 24 - M6 - 18 - 55
 D L d I Shore A

Description	D	L	d	I	🔗	Hardness 40 Shore A			Hardness 55 Shore A			Hardness 70 Shore A					
						Code	Max load [N]	Max deflection [mm]	Stiffness [N/mm]	Code	Max load [N]	Max deflection [mm]	Stiffness [N/mm]	Code	Max load [N]	Max deflection [mm]	Stiffness [N/mm]
DVA.6-10-10-M5-12-*	10	10	M5	12	2	416991	46	3	14	413381	59	3	20	418791	113	3	40
DVA.6-20-15-M6-18-*	20	15	M6	18	9	416997	84	5	17	413397	194	4	48	418797	321	4	78
DVA.6-20-24-M6-18-*	20	24	M6	18	10	416101	82	6	14	413401	130	6	22	418801	330	6	55
DVA.6-25-20-M6-18-*	25	20	M6	18	15	416107	84	5	17	413407	190	5	38	418807	495	5	96
DVA.6-30-30-M8-18-*	30	30	M8	18	24	416111	190	8	25	413411	260	8	35	418811	630	8	84
DVA.6-30-36-M8-20-*	30	36	M8	20	39	416121	180	9	20	413421	320	9	36	418821	650	9	72
DVA.6-35-40-M8-23-*	35	40	M8	23	45	416131	260	10	26	413431	300	10	30	418831	630	10	63
DVA.6-50-50-M10-28-*	50	50	M10	28	110	416137	481	13	38	413437	740	13	59	418837	1656	13	132
DVA.6-50-61-M8-28-*	50	61	M8	28	114	416141	490	15	32	413441	600	15	39	418841	1520	15	100
DVA.6-50-68-M10-28-*	50	68	M10	28	131	416151	490	17	29	413451	890	17	52	418851	1950	17	115
DVA.6-70-58-M12-37-*	70	58	M12	37	258	416171	769	15	53	413471	1332	15	92	418871	1923	15	133
DVA.6-75-89-M12-37-*	75	89	M12	37	373	416181	971	22	44	413481	1680	22	76	418881	2328	22	105

STAINLESS STEEL

Description	D	L	d	I	🔗	Hardness 40 Shore A			Hardness 55 Shore A			Hardness 70 Shore A					
						Code	Max load [N]	Max deflection [mm]	Stiffness [N/mm]	Code	Max load [N]	Max deflection [mm]	Stiffness [N/mm]	Code	Max load [N]	Max deflection [mm]	Stiffness [N/mm]
DVA.6-10-10-SST-M5-12-55	10	10	M5	12	2		46	3	14	410499	59	3	20		113	3	40
DVA.6-20-15-SST-M6-18-55	20	15	M6	18	9		84	5	17	410500	194	4	48		321	4	78
DVA.6-20-24-SST-M6-18-55	20	24	M6	18	10		82	6	14	410501	130	6	22		330	6	55
DVA.6-25-20-SST-M6-18-55	25	20	M6	18	15		84	5	17	410503	190	5	38		495	5	96
DVA.6-30-30-SST-M8-18-55	30	30	M8	18	24		190	8	25	410505	260	8	35		630	8	84
DVA.6-30-36-SST-M8-20-55	30	36	M8	20	39		180	9	20	410507	320	9	36		650	9	72
DVA.6-35-40-SST-M8-23-55	35	40	M8	23	45		260	10	26	410511	300	10	30		630	10	63
DVA.6-50-50-SST-M10-28-55	50	50	M10	28	110		481	13	38	410519	740	13	59		1656	13	132
DVA.6-50-61-SST-M8-28-55	50	61	M8	28	114		490	15	32	410521	600	15	39		1520	15	100
DVA.6-50-68-SST-M10-28-55	50	68	M10	28	131		490	17	29	410523	890	17	52		1950	17	115
DVA.6-70-58-SST-M12-37-55	70	58	M12	37	258		769	15	53	410551	1332	15	92		1923	15	133
DVA.6-75-89-SST-M12-37-55	75	89	M12	37	373		971	22	44	410561	1680	22	76		2328	22	105



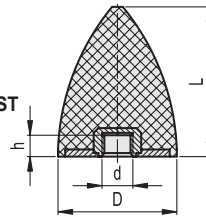
Machine elements



* Complete the description with the desired hardness: 40, 55 or 70 tolerance ±5 Shore A.

DVA.7 - 20 - 24 - M6 - 55
 D L d Shore A

DVA.7
DVA.7-SST



Description	D	L	d	h	⚖	Hardness 40 Shore A				Hardness 55 Shore A				Hardness 70 Shore A			
						Code	Max load [N]	Max deflection [mm]	Stiffness [N/mm]	Code	Max load [N]	Max deflection [mm]	Stiffness [N/mm]	Code	Max load [N]	Max deflection [mm]	Stiffness [N/mm]
DVA.7-10-10-M5-*	10	10	M5	5	2	416271	46	3	14	413571	59	3	20	418971	113	3	40
DVA.7-20-15-M6-*	20	15	M6	6	7	416297	84	5	17	413597	194	4	48	418997	321	4	78
DVA.7-20-24-M6-*	20	24	M6	6	8	416301	82	6	14	413601	130	6	22	419001	330	6	55
DVA.7-25-20-M6-*	25	20	M6	6	15	416307	84	5	17	413607	190	5	38	419007	495	5	96
DVA.7-30-30-M8-*	30	30	M8	8	28	416311	190	8	25	413611	260	8	35	419011	630	8	84
DVA.7-30-36-M8-*	30	36	M8	8	30	416321	180	9	20	413621	320	9	36	419021	650	9	72
DVA.7-35-40-M8-*	35	40	M8	8	43	416331	260	10	26	413631	300	10	30	419031	630	10	63
DVA.7-50-50-M10-*	50	50	M10	10	100	416337	481	13	38	413637	835	13	67	419037	1147	13	92
DVA.7-50-61-M8-*	50	61	M8	8	114	416341	490	15	32	413641	600	15	39	419041	1520	15	100
DVA.7-50-68-M10-*	50	68	M10	10	120	416351	490	17	29	413651	890	17	52	419051	1950	17	115
DVA.7-70-58-M12-*	70	58	M12	12	230	416371	890	15	61	413671	1390	15	96	419071	1923	15	133
DVA.7-75-89-M12-*	75	89	M12	12	373	416381	971	22	44	413681	1675	22	75	419081	2328	22	105

DVA.7 - 20 - 24 - SST - M6 - 55
 D L d Shore A
 Stainless steel

STAINLESS STEEL

Description	D	L	d	h	⚖	Hardness 40 Shore A				Hardness 55 Shore A				Hardness 70 Shore A			
						Code	Max load [N]	Max deflection [mm]	Stiffness [N/mm]	Code	Max load [N]	Max deflection [mm]	Stiffness [N/mm]	Code	Max load [N]	Max deflection [mm]	Stiffness [N/mm]
DVA.7-10-10-SST-M5-55	10	10	M5	5	2		46	3	14	410581	59	3	20		113	3	40
DVA.7-20-15-SST-M6-55	20	15	M6	6	7		84	5	17	410597	194	4	48		321	4	78
DVA.7-20-24-SST-M6-55	20	24	M6	6	8		82	6	14	410601	130	6	22		330	6	55
DVA.7-25-20-SST-M6-55	25	20	M6	6	15		84	5	17	410606	190	5	38		495	5	96
DVA.7-30-30-SST-M8-55	30	30	M8	8	28		190	8	25	410611	260	8	35		630	8	84
DVA.7-30-36-SST-M8-55	30	36	M8	8	30		180	9	20	410613	320	9	36		650	9	72
DVA.7-35-40-SST-M8-55	35	40	M8	8	43		260	10	26	410621	300	10	30		630	10	63
DVA.7-50-50-SST-M10-55	50	50	M10	10	100		481	13	38	410627	835	13	67		1147	13	92
DVA.7-50-61-SST-M8-55	50	61	M8	8	114		490	15	32	410631	600	15	39		1520	15	100
DVA.7-50-68-SST-M10-55	50	68	M10	10	120		490	17	29	410633	890	17	52		1950	17	115
DVA.7-70-58-SST-M12-55	70	58	M12	12	230		890	15	61	410651	1390	15	96		1923	15	133
DVA.7-75-89-SST-M12-55	75	89	M12	12	373		971	22	44	410661	1675	22	75		2328	22	105

Machine elements