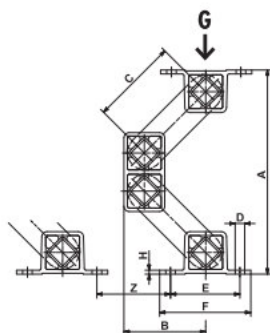
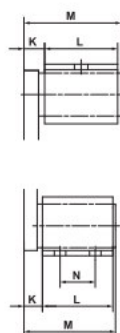


Oscillating Mountings

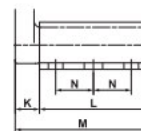
AB / ABI



size 15 to 50-1.6



size 50-2



Part no.	Type	Load $G_{min} - G_{max}$ [N]	A un- loaded	A* max. load	B un- loaded	B* max. load	C	D	E	F	H	K	L	M	N	Weight [kg]
07 051 056	AB 15	50–160	168	114	70	88	80	∅7	50	65	3	10	40	52	–	0.5
07 171 107	ABI 15	70–180	168	114	70	88	80	7 × 10	50	65	3	10	40	52	–	0.8
07 051 057	AB 18	120–350	208	146	88	109	100	∅9	60	80	3.5	14	50	67	–	1.2
07 171 114	ABI 18	120–350	208	146	88	109	100	9 × 15	60	80	3.5	14	50	67	–	1.6
07 051 058	AB 27	250–800	235	170	94	116	100	∅11	80	105	4.5	17	60	80	–	2.3
07 171 109	ABI 27	250–800	235	170	94	116	100	11 × 20	80	105	4.5	17	60	80	–	3.4
07 051 059	AB 38	600–1600	305	225	120	147	125	∅13	100	125	6	21	80	104	40	5.1
07 171 110	ABI 38	600–1600	305	225	120	147	125	13 × 20	100	125	6	21	80	104	40	7.6
07 051 042	AB 45	1200–3000	353	257	141	172	140	13 × 27	115	145	9	28	100	132	58	9.5
07 171 111	ABI 45	1200–3000	353	257	137	168	140	13 × 26	115	145	8	28	100	132	58	13.6
07 051 043	AB 50	2500–6000	380	277	150	184	150	17 × 27	130	170	12	35	120	160	60	14.5
07 171 112	ABI 50	2500–6000	380	277	150	184	150	17 × 27	130	170	12	35	120	160	60	22.2
07 051 048	AB 50-1.6	3400 – 8000	380	277	150	184	150	17 × 27	130	170	12	40	160	205	70	19.3
07 051 044	AB 50-2	4200–10000	380	277	150	184	150	17 × 27	130	170	12	40	200	245	70	22.5
07 171 113	ABI 50-2	4200–10000	380	277	150	184	150	17 × 27	130	170	12	40	200	245	70	35.2

Part no.	Type	Natural frequency $G_{min} - G_{max}$ [Hz]	Z	Dynamic spring value cd		Operating parameters by rpm						Material structure				
						720 min ⁻¹		960 min ⁻¹		1440 min ⁻¹		Aluminium profile	steel welded construction	Nodular cast iron	painted blue	stainless steel casting
				vertical [N/mm]	horizontal [N/mm]	sw max. [mm]	K max. [–]	sw max. [mm]	K max. [–]	sw max. [mm]	K max. [–]					
07 051 056	AB 15	4.0–2.8	65	10	6	14	4.1	12	6.2	8	9.3	×	×		×	
07 171 107	ABI 15	4.0–2.8	65	10	6	14	4.1	12	6.2	8	9.3					×
07 051 057	AB 18	3.7–2.6	80	20	14	17	4.9	15	7.7	8	9.3	×	×		×	
07 171 114	ABI 18	3.7–2.6	80	20	14	17	4.9	15	7.7	8	9.3					×
07 051 058	AB 27	3.7–2.7	80	40	25	17	4.9	14	7.2	8	9.3	×	×		×	
07 171 109	ABI 27	3.7–2.7	80	40	25	17	4.9	14	7.2	8	9.3					×
07 051 059	AB 38	3.0–2.4	100	60	30	20	5.8	17	8.8	8	9.3	×	×		×	
07 171 110	ABI 38	3.0–2.4	100	60	30	20	5.8	17	8.8	8	9.3					×
07 051 042	AB 45	2.8–2.3	115	100	50	21	6.1	18	9.3	8	9.3	×	×		×	
07 171 111	ABI 45	2.8–2.3	115	100	50	21	6.1	18	9.3	8	9.3					×
07 051 043	AB 50	2.4–2.1	140	190	85	22	6.4	18	9.3	8	9.3	×		×	×	
07 171 112	ABI 50	2.4–2.1	140	190	85	22	6.4	18	9.3	8	9.3					×
07 051 048	AB 50-1.6	2.4–2.1	140	255	115	22	6.4	18	9.3	8	9.3	×		×	×	
07 051 044	AB 50-2	2.4–2.1	140	320	140	22	6.4	18	9.3	8	9.3	×		×	×	
07 171 113	ABI 50-2	2.4–2.1	140	320	140	22	6.4	18	9.3	8	9.3					×

* compression load G_{Tmax} and cold flow compensation (after approx. 1 year).

If no other units are specified, the numbers given are in mm.

Dynamic spring value: Values in nominal load range at 960 min⁻¹ and 8 mm of oscillating stroke sw

Operating parameters by rpm: Acceleration > 9.3 g is not recommended

Material structure: AB50 and AB50-2 available with nodular cast iron housings on request