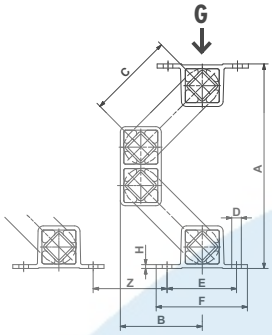
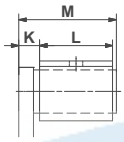
Oscillating Mountings

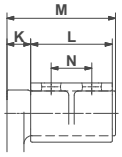
AB / ABI



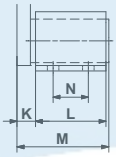
sizes 15 to 27



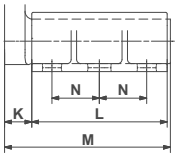
sizes 45 to 50



size 38



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	ø7	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	ø9	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	ø11	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**	600–1 600	305	225	120	147	125	ø13	100	125	6	21	80	104	40	5.1
07 171 110	**ABI 38**	600–1 600	305	225	120	147	125	13×20	100	125	6	21	80	104	40	7.6
07 051 054	**AB 45**	1 200–3 000	353	257	141	172	140	13×26	115	145	8	28	100	132	58	11.5
07 171 111	**ABI 45**	1 200–3 000	353	257	137	168	140	13×26	115	145	8	28	100	132	58	13.6
07 051 061	**AB 50**	2 500–6 000	380	277	150	184	150	17×27	130	170	12	35	120	160	60	20.0
07 171 112	**ABI 50**	2 500–6 000	380	277	150	184	150	17×27	130	170	12	35	120	160	60	22.2
07 051 055	**AB 50-2**	4 200–10 000	380	277	150	184	150	17×27	130	170	12	40	200	245	70	31.8
07 171 113	**ABI 50-2**	4 200–10 000	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 vertical [N/mm]	Dynamic spring value cd horizontal [N/mm]	Operating parameters by rpm: 720 min⁻¹ sw max. [mm]	720 min⁻¹ K max. [–]	960 min⁻¹ sw max. [mm]	960 min⁻¹ K max. [–]	1 440 min⁻¹ sw max. [mm]	1 440 min⁻¹ K max. [–]	Material structure: Aluminium profile	steel welded construction	Nodular cast iron	painted blue	stainless steel casting
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					×
07 051 054	**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					×
07 051 061	**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					×
07 051 055	**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 $G_{max.}$ 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