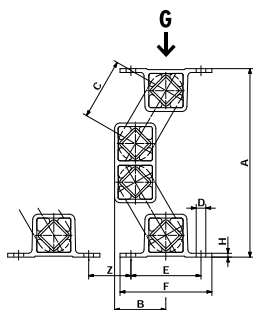
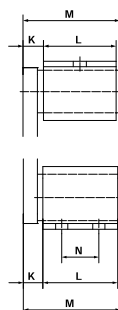


Oscillating Mountings

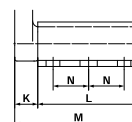
AB-HD / ABI-HD sizes 15 to 50-2



sizes 15 to 50-1.6



size 50-2



3

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]
07 171 121	ABI-HD 15	150–400	132	107	36	50	45	7 × 10	50	65	3	10	40	52	–	0.8
07 171 128	ABI-HD 18	300–700	171	141	47	64	60	9 × 15	60	80	3.5	14	50	67	–	1.5
07 051 070	AB-HD 27	500–1 250	215	182	59	78	70	∅11	80	105	4.5	17	60	80	–	2.0
07 171 123	ABI-HD 27	500–1 250	215	182	59	78	70	11 × 20	80	105	4.5	17	60	80	–	3.4
07 051 071	AB-HD 38	1 200–2 500	293	246	79	106	95	∅13	100	125	6	21	80	104	40	4.9
07 171 124	ABI-HD 38	1 200–2 500	293	246	79	106	95	13 × 20	100	125	6	21	80	104	40	7.6
07 051 082	AB-HD 45	2 000–4 200	346	290	98	130	110	13 × 27	115	145	9	28	100	132	58	9.0
07 171 125	ABI-HD 45	2 000–4 200	346	290	94	126	110	13 × 26	115	145	8	28	100	132	58	13.8
07 051 083	AB-HD 50	3 500–8 400	376	313	105	141	120	17 × 27	130	170	12	40	120	165	60	15.1
07 171 126	ABI-HD 50	3 500–8 400	376	313	105	141	120	17 × 27	130	170	12	40	120	165	60	21.7
07 051 084	AB-HD 50-1.6	4 800–11 300	376	313	105	141	120	17 × 27	130	170	12	45	160	210	70	19.5
07 051 085	AB-HD 50-2	6 000–14 000	376	313	105	141	120	17 × 27	130	170	12	45	200	250	70	23.0
07 171 127	ABI-HD 50-2	6 000–14 000	376	313	105	141	120	17 × 27	130	170	12	45	200	250	70	35.8

Part no.	Type	Natural frequency $G_{min.} - G_{max.}$ [Hz]	Z	Dynamic spring value		Operating parameters by rpm						Material structure				
				vertical [N/mm]	horizontal [N/mm]	720 min ⁻¹		960 min ⁻¹		1 440 min ⁻¹		Aluminium profile	steel welded construction	Nodular cast iron	painted blue	stainless steel casting
						sw	K	sw	K	sw	K					
07 171 121	ABI-HD 15	5.8–3.6	35	18	10	8	2.3	7	3.6	5	5.8					×
07 171 128	ABI-HD 18	4.9–3.2	50	32	20	10	2.9	9	4.6	7	8.1					×
07 051 070	AB-HD 27	4.8–3.1	60	70	33	12	3.5	10	5.2	8	9.3	×	×		×	
07 171 123	ABI-HD 27	4.8–3.1	60	70	33	12	3.5	10	5.2	8	9.3					×
07 051 071	AB-HD 38	3.6–2.7	90	100	48	15	4.3	13	6.7	8	9.3	×	×		×	
07 171 124	ABI-HD 38	3.6–2.7	90	100	48	15	4.3	13	6.7	8	9.3					×
07 051 082	AB-HD 45	3.3–2.5	100	150	72	17	4.9	14	7.2	8	9.3	×	×		×	
07 171 125	ABI-HD 45	3.3–2.5	100	150	72	17	4.9	14	7.2	8	9.3					×
07 051 083	AB-HD 50	3.2–2.4	120	270	130	18	5.2	15	7.7	8	9.3	×		×	×	
07 171 126	ABI-HD 50	3.2–2.4	120	270	130	18	5.2	15	7.7	8	9.3					×
07 051 084	AB-HD 50-1.6	3.2–2.4	120	360	172	18	5.2	15	7.7	8	9.3	×	×	×	×	
07 051 085	AB-HD 50-2	3.2–2.4	120	450	215	18	5.2	15	7.7	8	9.3	×		×	×	
07 171 127	ABI-HD 50-2	3.2–2.4	120	450	215	18	5.2	15	7.7	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.

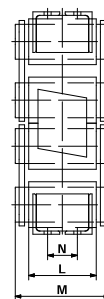
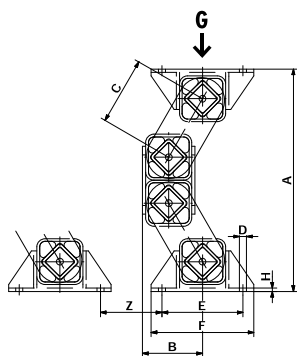
Dynamic spring value: Values in nominal load range at 960 min⁻¹ and 8 mm of oscillating stroke sw

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

Material structure: AB-HD 50, 50-1.6, 50-2 available with nodular cast iron housings on request

Oscillating Mountings

AB-HD sizes 70-3 to 100-4



3

Part no.	Type	Load $G_{min.} - G_{max.}$ [N]	A un- loaded	A* max. load	B un- loaded	B* max. load	C	øD	E	F	H	L	M	N	Weight [kg]
07 051 076	AB-HD 70-3	9 000–20 000	592	494	160	215	180	22	200	260	9	300	380	200	82
07 051 080	AB-HD 100-2.5	15 000–37 000	823	676	222	302	250	26	300	380	12	250	350	110	170
07 051 081	AB-HD 100-4	25 000–60 000	823	676	222	302	250	26	300	380	12	400	500	260	230

Part no.	Type	Natural frequency G _{min.} – G _{max.} [Hz]	Z	Dynamic spring value		Operating parameters by rpm						Material structure
				vertical [N/mm]	horizontal [N/mm]	720 min ⁻¹		960 min ⁻¹		1 440 min ⁻¹		
						sw	K	sw	K	sw	K	
07 051 076	AB-HD 70-3	2.4 – 2.1	200	670	320	25	7.3	18	9.3	8	9.3	steel welded construction, painted blue
07 051 080	AB-HD 100-2.5	2.4 – 1.8	250	1 150	530	30	8.6	18	9.3	8	9.3	
07 051 081	AB-HD 100-4	2.4 – 1.8	250	1 840	850	30	8.6	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.

Customized Oscillating Mountings Type AB-HD with low natural frequency and high load capacity.

The sizes 100-2.5 to AB-HD 100-4 can be combined with one another (identical heights and operation behaviour).

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