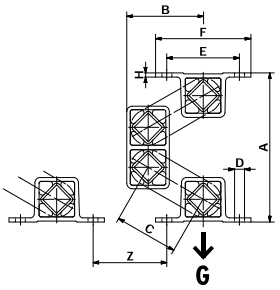
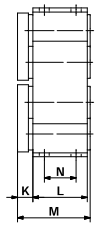
Oscillating Mountings

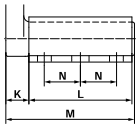
HS / HSI



sizes 15 to 50



size 50-2



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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]
07 321 101	**HSI 15**	150–400	99	125	53	42	45	ø7	50	65	3	10	40	52	25	0.8
07 321 102	**HSI 18**	300–700	127	159	69	56	60	ø9	60	80	3.5	14	50	67	30	1.5
07 311 001	**HS 27**	500–1250	164	202	84	68	70	ø11	80	105	4.5	17	60	80	35	2.0
07 321 103	**HSI 27**	500–1250	164	202	84	68	70	ø11	80	105	4.5	17	60	80	35	3.4
07 311 002	**HS 38**	1200–2500	223	275	114	92	95	ø13	100	125	6	21	80	104	40	4.8
07 321 104	**HSI 38**	1200–2500	223	275	114	92	95	13×20	100	125	6	21	80	104	40	7.3
07 311 013	**HS 45**	2000–4200	265	325	138	113	110	13×27	115	145	9	28	100	132	58	9.0
07 321 105	**HSI 45**	2000–4200	265	325	134	109	110	13×26	115	145	8	28	100	132	58	13.6
07 311 014	**HS 50**	3500–8400	288	357	148	118	120	17×27	130	170	12	40	120	165	60	15.1
07 321 106	**HSI 50**	3500–8400	288	357	148	118	120	17×27	130	170	12	40	120	165	60	22.3
07 311 015	**HS 50-2**	6000–14000	288	357	148	118	120	17×27	130	170	12	45	200	250	70	23.0
07 321 107	**HSI 50-2**	6000–14000	288	357	148	118	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 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. [–]	1440 min^{-1} sw max. [mm]	1440 min^{-1} K max. [–]	Material structure: Aluminium profile	steel welded construction	Nodular cast iron	painted blue	stainless steel casting
07 321 101	**HSI 15**	5.2–4.7	35	17	10	8	2.3	7	3.6	5	5.8					×
07 321 102	**HSI 18**	4.5–4.0	50	30	19	10	2.9	9	4.6	7	8.1					×
07 311 001	**HS 27**	4.2–3.8	60	65	32	12	3.5	10	5.2	8	9.3	×	×		×	
07 321 103	**HSI 27**	4.2–3.8	60	65	32	12	3.5	10	5.2	8	9.3					×
07 311 002	**HS 38**	3.6–3.3	90	95	46	15	4.3	13	6.7	8	9.3	×	×		×	
07 321 104	**HSI 38**	3.6–3.3	90	95	46	15	4.3	13	6.7	8	9.3					×
07 311 013	**HS 45**	3.3–3.0	100	142	70	17	4.9	14	7.2	8	9.3	×	×		×	
07 321 105	**HSI 45**	3.3–3.0	100	142	70	17	4.9	14	7.2	8	9.3					×
07 311 014	**HS 50**	3.2–2.9	120	245	120	18	5.2	15	7.7	8	9.3	×		×	×	
07 321 106	**HSI 50**	3.2–2.9	120	245	120	18	5.2	15	7.7	8	9.3					×
07 311 015	**HS 50-2**	3.2–2.9	120	410	200	18	5.2	15	7.7	8	9.3	×		×	×	
07 321 107	**HSI 50-2**	3.2–2.9	120	410	200	18	5.2	15	7.7	8	9.3					×

* tensile 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: HS 50 and HS 50-2 available with nodular cast iron housings on request