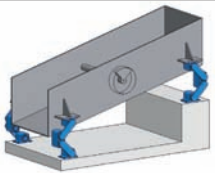
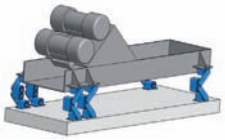
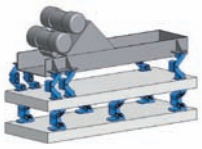
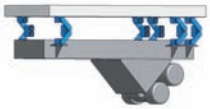
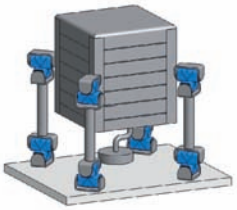
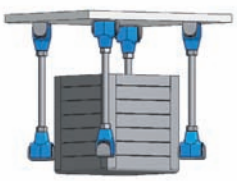
Selection table for free oscillating systems (with unbalanced excitation)

		 One-mass system circular screen	 One-mass system linear screen	 Two-mass system with counterframe	 One-mass system hanging linear screen
	**AB** p. 11	**Oscillating mounting** universal mounting. High vibration isolation and low residual force transmission. Natural frequencies approx. 2–3 Hz. 9 sizes from 50 N to 20'000 N per AB.			
	**AB-HD** p. 12	**Oscillating mounting** for impact loading and high production peaks. Natural frequencies approx. 2.4–3.2 Hz. 3 sizes from 3'500 N to 14'000 N per AB-HD.			
	**AB-D** p. 13		**Oscillating mounting** in compact design. Optimal in two-mass systems as counterframe mounting. Natural frequencies approx. 3–4.5 Hz. 7 sizes from 500 N to 16'000 N per AB-D.		
	**ABI** p. 14	**Oscillating mounting** made from stainless steel for the food and pharmaceutical industry. High vibration isolation and low residual force transmission. Natural frequencies approx. 2–3 Hz. 6 sizes from 70 N to 6'800 N per ABI.			
	**HS** p. 15				**Oscillating mounting** for hanging systems. Natural frequencies approx. 3–4 Hz. 5 sizes from 500 N to 14'000 N per HS.

Selection table for gyratory sifters

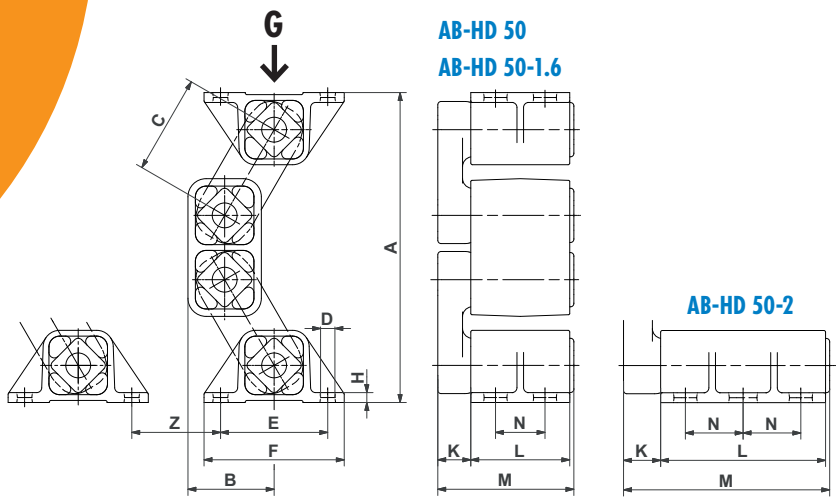
			Gyratory sifter upright staying	Gyratory sifter hanging
	**AK** *	**Universal joint** for the support or suspension of positive drive or freely oscillating gyratory sifting machines. 10 sizes up to max. 40'000 N per unit.		
	**AV** *	**Single joint** specially designed with large rubber volume for the suspension of gyratory sifting machines. Models with right- and left-hand threads. 5 sizes up to max. 16'000 N per unit.		

* Please consult our general catalogue.

ROSTA

Oscillating Mounting

Type AB-HD



Art. No.	Type	Load capacity Gmin. – Gmax. [N]	A un-loaded	A* max. load	B un-loaded	B* max. load	C	D	E	F	H	K	L	M	N	Weight [kg]
07 051 062	**AB-HD 50**	3'500 – 8'400	376	313	105	141	120	17 x 27	130	170	12	40	120	165	60	22.7
△07 051 063	**AB-HD 50-1.6**	4'800 – 11'300	376	313	105	141	120	17 x 27	130	170	12	40	160	205	70	27.1
07 051 060	**AB-HD 50-2**	6'000 – 14'000	376	313	105	141	120	17 x 27	130	170	12	45	200	250	70	35.5

Art. No.	Type	Natural frequency Gmin. – Gmax. [Hz]	Z**	Dynamic spring value cd vertical [N/mm]	Dynamic spring value cd horizontal [N/mm]	Capacity limits by different 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. [–]	Steel welded construction	Nodular cast iron	ROSTA blue painted
07 051 062	**AB-HD 50**	3.2–2.4	120	270	130	18	5.2	15	7.7	8	9.3		x	x
△07 051 063	**AB-HD 50-1.6**	3.2–2.4	120	360	172	18	5.2	15	7.7	8	9.3	x	x	x
07 051 060	**AB-HD 50-2**	3.2–2.4	120	450	215	18	5.2	15	7.7	8	9.3		x	x
				values in nominal load range at 960 rpm and sw of 8 mm.		Acceleration > 9.3 g is not recommended						Material structure		

These types can be combined with one another (identical heights and operation behaviour)

* compression load Gmax. and final cold-flow compensation (after approx. 1 year)
** separate assembly instructions are available, please ask for details.
△ available on request