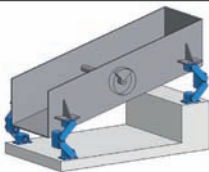
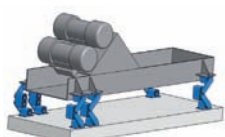
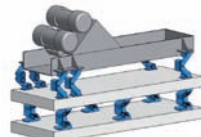
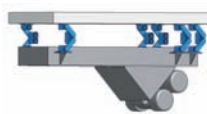







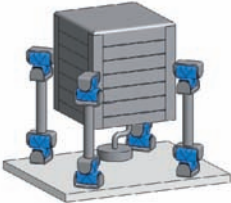



## Selection table for free oscillating systems (with unbalanced excitation)

					
		One-mass system circular screen	One-mass system linear screen	Two-mass system with counterframe	One-mass system hanging linear screen
	<b>AB</b> p. 11	<b>Oscillating mounting</b> 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.			
	<b>AB-HD</b> p. 12	<b>Oscillating mounting</b> 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.			
	<b>AB-D</b> p. 13		<b>Oscillating mounting</b> 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.		
	<b>ABI</b> p. 14	<b>Oscillating mounting</b> 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.			
	<b>HS</b> p. 15				<b>Oscillating mounting</b> for hanging systems. Natural frequencies approx. 3–4 Hz. 5 sizes from 500 N to 14'000 N per HS.

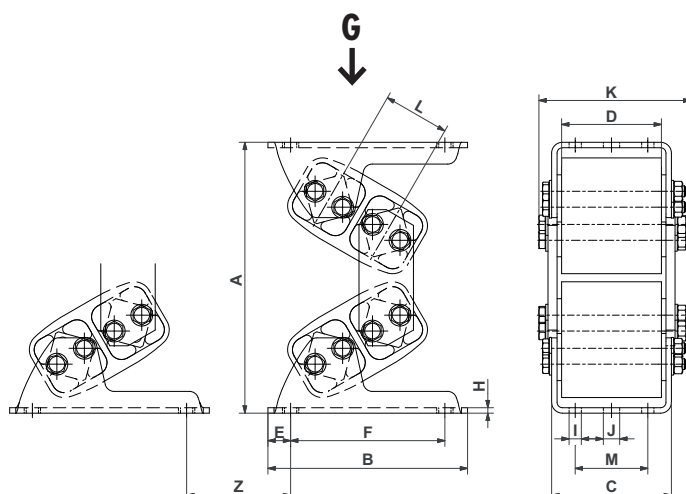
## Selection table for gyratory sifters

	<b>AK</b> *	<b>Universal joint</b> for the support or suspension of positive drive or freely oscillating gyratory sifting machines. 10 sizes up to max. 40'000 N per unit.	<b>Gyratory sifter upright staying</b>	<b>Gyratory sifter hanging</b>
	<b>AV</b> *	<b>Single joint</b> 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.

# Oscillating Mounting

## Type AB-D



Art. No.	Type	Load capacity Gmin. – Gmax. [N]	A un- loaded	A* max. load	B	C	D	E	F	H	I	J	K	L	M	Weight [kg]
07 281 000	AB-D 18	500 – 1'200	137	112	115	61	50	12.5	90	3	9	9	74	31	30	1.3
07 281 001	AB-D 27	1'000 – 2'500	184	148	150	93	80	15	120	4	9	11	116	44	50	2.9
07 281 002	AB-D 38	2'000 – 4'000	244	199	185	118	100	17.5	150	5	11	13.5	147	60	70	7.5
07 281 003	AB-D 45	3'000 – 6'000	298	240	220	132	110	25	170	6	13.5	18	168	73	80	11.5
07 281 004	AB-D 50	4'000 – 9'000	329	272	235	142	120	25	185	6	13.5	18	166	78	90	22.0
07 281 005	AB-D 50-1.6	6'000 – 12'000	329	272	235	186	160	25	185	8	13.5	18	214	78	90	25.5
07 281 006	AB-D 50-2	8'000 – 16'000	329	272	235	226	200	25	185	8	13.5	18	260	78	90	29.0

Art. No.	Type	Natural frequency Gmin. – Gmax. [Hz]	Z**	Dynamic spring value			Capacity limits by different rpm.						Light alloy profile	Steel plate	Nodular cast iron	ROSTA blue painted
				cd vertical [N/mm]	cd at sw [mm]	cd horizontal [N/mm]	720 min <sup>-1</sup> sw max. [mm]	720 min <sup>-1</sup> K max. [–]	960 min <sup>-1</sup> sw max. [mm]	960 min <sup>-1</sup> K max. [–]	1440 min <sup>-1</sup> sw max. [mm]	1440 min <sup>-1</sup> K max. [–]				
07 281 000	AB-D 18	6.1–4.4	30	100	4	20	5	1.4	5	2.6	4	4.6	x	x		x
07 281 001	AB-D 27	5.4–3.9	35	160	4	35	7	2.0	6	3.1	5	5.8	x	x		partial
07 281 002	AB-D 38	4.3–3.4	40	185	6	40	9	2.6	8	4.1	6	7.0	x	x		partial
07 281 003	AB-D 45	3.7–3.1	55	230	8	70	11	3.2	9	4.6	7	8.1	x	x		partial
07 281 004	AB-D 50	3.7–2.9	55	310	8	120	12	3.5	10	5.2	8	9.3	x	x	x	x
07 281 005	AB-D 50-1.6	3.6–2.9	55	430	8	160	12	3.5	10	5.2	8	9.3	x	x	x	x
07 281 006	AB-D 50-2	3.5–2.8	55	540	8	198	12	3.5	10	5.2	8	9.3	x	x	x	x
				values in nominal load range at 960 rpm			Acceleration > 9.3 g is not recommended						Material structure (zinc-plated couplings)			

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.