
















Selection tables Oscillating Mountings

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		One mass system circular motion screen	One mass system linear motion screen	Two mass system with counterframe	One mass system linear motion screen hanging	
Illustration		Type	Description			Page
Elements for free oscillating systems (with unbalanced excitation)		AB ABI	Oscillating Mounting – universal mounting. High vibration isolation and low residual force transmission. Natural frequencies approx. 2 – 3 Hz. 9 element sizes from 50 N to 20 000 N.			3.4 – 3.5
		AB-HD ABI-HD	Oscillating Mounting for impact loading and high production peaks (Heavy Duty). Natural frequencies approx. 2 – 4 Hz. 11 element sizes from 150 N to 60 000 N.			3.6 – 3.7
		HS HSI	Oscillating Mounting for hanging systems. Natural frequencies approx. 3 – 5 Hz. 7 element sizes from 150 N to 14 000 N.			3.8
		AB-D	Oscillating Mounting in compact design. Optimal in two mass systems as counter- frame mounting. Natural frequencies approx. 3 – 4.5 Hz. 7 element sizes from 500 N to 16 000 N.			3.9

				
		Gyratory sifter upright staying	Gyratory sifter hanging	
Illustration		Type	Description	Page
Elements for gyratory sifters		AK	Universal joint for the support or suspension of positive drive or freely oscillating gyratory sifting machines. 10 element sizes up to 40 000 N per AK.	3.19
		AV	Single joint specially designed with a large rubber volume for the suspended gyratory sifters. Models with right-hand and left-hand threads. 5 element sizes up to 16 000 N per AV.	3.20

		
One mass system «brute-force» system	One mass system «natural frequency» system	Two mass system «fast-runner» system with reaction force compensation

Elements for guided systems (crank driven)	Illustration	Type	Description		Page
		AU AUI	Single Rocker for a variable arm length. Models with right-hand and left-hand threads. 7 element sizes up to 5 000 N.		3.10
		AS-P AS-C	Single rocker with standardized center distance. 6 sizes up to 2 500 N for flange fixation. 6 element sizes up to 2 500 N for central fixation.		3.11 – 3.12
		AD-P AD-C	Double rocker with standardized center distance. 5 element sizes up to 2 500 N for flange fixation. 4 element sizes up to 1 600 N for central fixation.		3.13 – 3.14
		AR	Single rocker and double rocker with adjustable length, connection of the AR elements using round pipe. Two mass shakers with bi-direction flow are simply to realize. 3 element sizes up to 1 600 N.		3.15
		ST STI	Drive Head for crank drive transmission. Models with right-hand and left-hand threads. 9 element sizes up to 27 000 N.		3.16 – 3.17
		DO-A	Spring accumulator with high dynamic spring value for feeder systems running close to resonance frequency. A spring accumulator consists of 2 DO-A elements. 5 element sizes up to dynamic spring value of 320 N/mm.		3.18