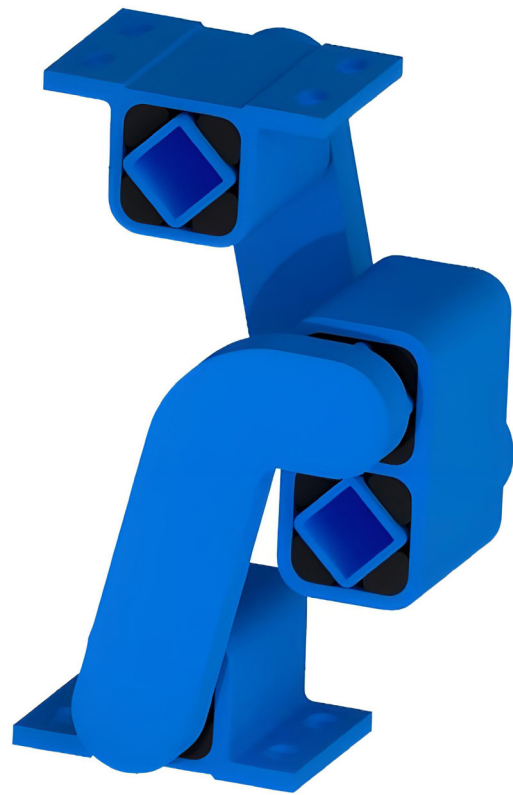




Discover the

New AB-LF

(Patent Pending)



Optimize vibrations with
ROSTA AB-LF.

A new design to improve
performance and productivity.

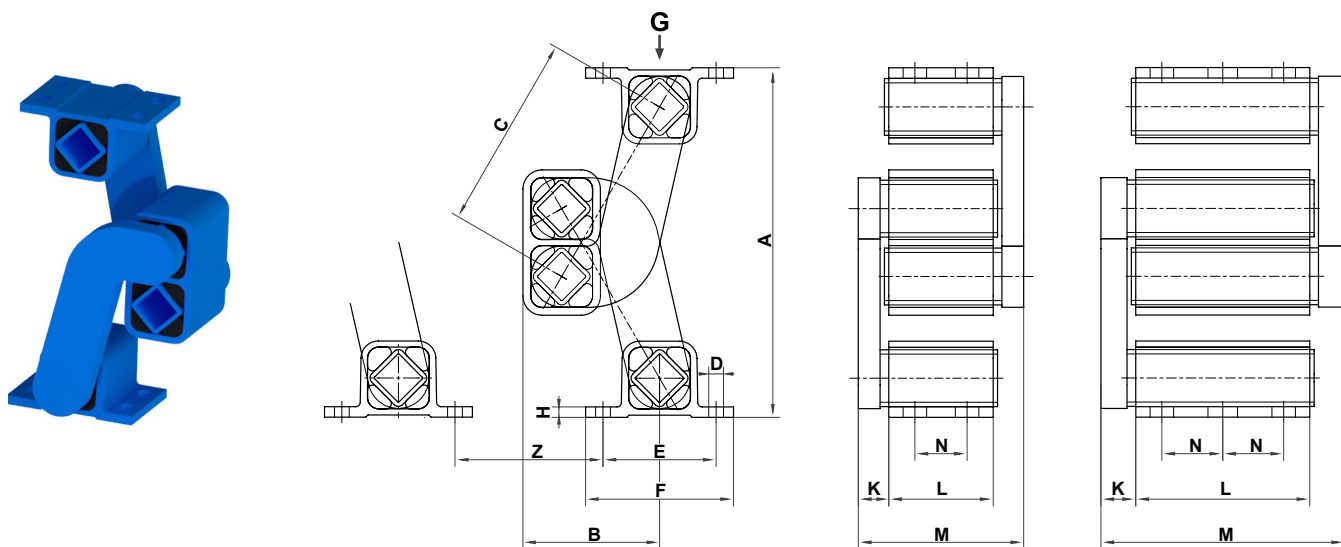


Features & Benefits

ROSTA AB-LF (Low Frequency) are the latest addition to our AB line-up. The unique design of the lever arm ensures:

- Reduced natural frequency of the element
- Optimized dynamic forces and vibrations
- Improved flow of material

Technical Details



Art. No.	Type	Load capacity Gmin. - Gmax. [N]	A unloaded	A* max. load	B unloaded	B* max. load	C	D	E	F	H	K	L	M	N	Weight [kg]
07 361 005	AB-LF 45	1500 - 2600	399	277	155	223	225	13 x 27	115	145	9	28	100	156	58	12
07 361 006	AB-LF 50	3000 - 4800	402	278	157	226	225	17 x 27	130	170	12	35	120	190	60	16.8
07 361 007	AB-LF 50-1.6	4000 - 6400	402	278	157	226	225	17 x 27	130	170	12	40	160	240	70	20.8
07 361 008	AB-LF 50-2	5000 - 8000	402	278	157	226	225	17 x 27	130	170	12	40	200	280	70	23.7

Art. No.	Type	Natural frequency Gmin. - Gmax. [Hz]	Z	Dynamic spring value		Capacity limits by different rpm						Material structure		
						720 min ⁻¹		960 min ⁻¹		1440 min ⁻¹		Aluminum profile	Steel welded construction	ROSTA blue painted
				cd vertical [N/mm]	cd horizontal [N/mm]	sw max. [mm]	K max. [-]	sw max. [mm]	K max. [-]	sw max. [mm]	K max. [-]			
07 361 005	AB-LF 45	Approx. 2.2 - 1.8	160	Approx. 80	Approx. 38	30	8.7	18	9.3	8.6	9.3	X	X	X
07 361 006	AB-LF 50	Approx. 2.2 - 1.8	160	Approx. 150	Approx. 65	30	8.7	18	9.3	8.6	9.3	X	X	X
07 361 007	AB-LF 50-1.6	Approx. 2.2 - 1.8	160	Approx. 200	Approx. 88	30	8.7	18	9.3	8.6	9.3	X	X	X
07 361 008	AB-LF 50-2	Approx. 2.2 - 1.8	160	Approx. 250	Approx. 110	30	8.7	18	9.3	8.6	9.3	X	X	X

If no other units of measure are given, the figures are in mm.

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

Application parameters at screen speed: Accelerations > 9.3g are not recommended.

Material composition: AB-LF 50, AB-LF 50-1.6 and AB-LF 50-2 spheroidal cast iron housings available on request.

*Compressed load Gmax. and cold flow compensation (after approx. 1 year).

For pricing and availability contact ROSTA AG
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SEE THE AB-LF
IN ACTION
ON YOUTUBE