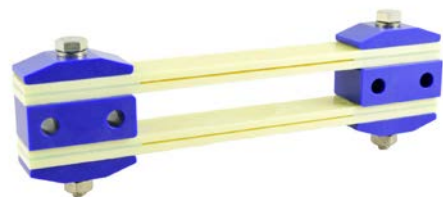


Fibreglass Epoxy Resin Blade Spring Combinations

- **Quick and simple conveyor system construction**
- Suitable for conveyor troughs with a low tare weight
- Large variety of possible combinations
- High conveying speed or large amplitude possible



BA to BE



EA to EC



Fibreglass Epoxy Resin Blade Springs

Blade spring combinations	Resonance weight [kg]		Blade spring combinations comprising: 2 x inner block, 2 x screw, nut, lock, 2 x outer block and in addition	Type of spring	Dimensions [mm]	Free length [mm]	Max. amplitude [mm]
	at 400 min ⁻¹	at 600 min ⁻¹					
BA	2,30	1,02	1 x blade spring	NJ	2,5 x 25 x 220	120	19
BB	3,87	1,72		NK	3,0 x 25 x 220	120	16
BC	8,28	3,68		NL	4,0 x 25 x 220	120	12
BE	11,15	4,96		NN	6,0 x 25 x 260	160	14
CA	5,48	2,44		2 x intermediate layer, 2 x blade spring	NJ	The number of blade springs required is given by the formula: $\frac{\text{weight of conveyor}}{\text{resonance weight}} = \text{number of springs needed}$ The natural resonance of a blade spring depends on the support weight. The natural resonance is therefore given for all spring types.	
CB	7,88	3,50	NK				
CC	16,28	7,24	NL				
DA	4,71	2,09	2 x blade spring, 2 x outer block	NJ			
DB	8,45	3,76		NK			
DC	17,02	7,56		NL			
DE	29,84	13,26	NN				
FA	7,17	3,17	2 x intermediate layer, 3 x blade spring, 2 x outer block	NJ			
FB	12,13	5,39		NK			
FC	25,41	11,29		NL			
EA	9,57	4,25	4 x intermediate layer, 4 x blade spring 2 x outer block	NJ			
EB	16,63	7,39		NK			
EC	37,87	16,83		NL			

Types of blade springs: NJ, NK, NL = 220mm
NN = 260mm

Application areas:

Conveyor systems with a low tare weight can be quickly and easily built with blade spring combinations. These include, among other things, transport chutes, conveyor troughs for dosing and sieves. A low tare weight of the conveyor system saves energy. Resonance conveyor systems with large amplitudes are suitable for drying and airing bulk materials.

Design and function:

The arrangement of the blade springs may be linear or circular. The distance to the bearing positions should not exceed 1 m when the arrangement is linear. The attachment of the vibrator to the conveyor system is variable due to the steering duct of the blade springs.

Special features:

The blue clamps enable good detectability, which is an advantage in the food industry, **NetterVibration** optionally supplies versions which comply with the FDA or variations which comply with ATEX for potentially explosive areas.

The maximum permissible ambient temperature is 70 °C.

NetterVibration offers the accessories required for the mounting, installation, control and monitoring of conveyor systems.

Netter provides solutions. Consult our experienced application technicians.

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