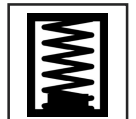


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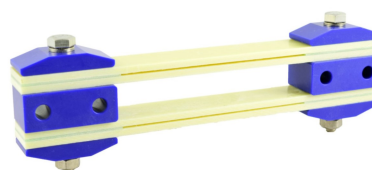
## Fibreglass Epoxy Resin Blade Spring Combinations Series BA - EC



- **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 Combinations Series BA - EC

Type	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 <sup>-1</sup>	at 600 min <sup>-1</sup>					
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
BD	10.29	4.57		NM	5.0 x 25 x 260	160	17
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:  weight of trough/resonance weight = number of springs required  The natural resonance of a blade spring depends on its support weight. Therefore, the natural resonance is 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 2x outer block	NJ			
DB	8.45	3.76		NK			
DC	17.02	7.56		NL			
DE	29.84	13.26	2x intermediate layer 3 x blade spring 2 x outer block	NN			
FA	7.17	3.17		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			

	<b>blade spring combination BA to BE</b>	
	<b>blade spring combination CA to CC</b>	
	<b>blade spring combination DA to DE</b>	
	<b>blade spring combination FA to FC</b>	
	<b>blade spring combination EA to EC</b>	

### 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. The low tare weight of the conveyor system saves energy. Resonance conveyor systems with large amplitudes are suitable for drying or airing bulk materials.

### Design and function:

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

### Special features:

Optionally available are FDA-compliant, blue blade springs made of fibreglass with blue clamping blocks, which ensure good detectability in the food industry. Black blade spring combinations made of carbon fibres enable use in potentially explosive areas according to the ATEX directive.

### Ambient temperature:

Maximum 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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