

# ANTI-VIBRATION MACHINE MOUNT

**Series: SE-BIRE**

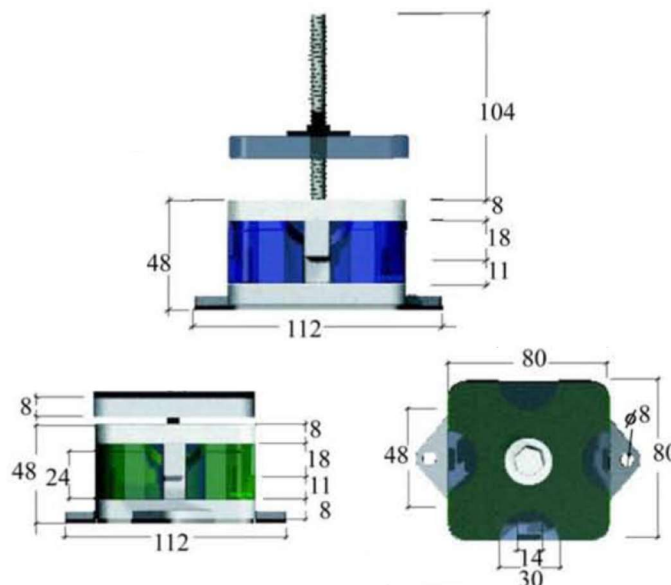


- Suited for use in medium-high frequency range (above 1200rpm).
- Eradicates vibrations and noise pollution from 20Hz.
- Special thermoplastic elastomer offers excellent weather resistance and slow aging.
- Optimal load: 50kg to 400kg.
- Levelling plate included for use with uneven surfaces/machines.
- All parts supplied with nuts and washers.
- Typically used for supporting internal and external mounted industrial equipment and machinery.

**MATERIAL**

- Polymer Body: Kraiburg TPE
- Thread: Stainless steel.
- Wide flange washer DIN-9021: Zinc galvanised steel
- Self-locking nut DIN-985 C.6: Zinc galvanised steel
- Plating/Levelling plate: Zinc plated aluminium with EPDM

Part Number	Colour	Thread size	Weight Range per Mount (Kg)
SE-BIRE-200Vxx	Green	M8 – M20	50 ~ 200
SE-BIRE-400Axx	Blue	M8 – M20	200 ~ 400



### Material Properties

Item	SE-BIRE-200Vxx	Test Method
Manufacturer	Kraiburg – TC4GPN	-
Series	GP/FG	-
Colour	Green	-
Hardness (Shore A)	39°±5	DIN ISO 7619-1
Density (g/cm <sup>3</sup> )	1.100	DIN EN ISO 1183-1
Tensile Strength (MPa)	6.5	DIN 53504/ISO 37
Elongation at break (%)	800	DIN 53404/ISO 37
Tear Resistance (N/mm)	14.0	ISO 34-1 Method B (b) Graves)
CS 72 h/23°C (%)	12	DIN ISO 815-1 Method A
CS 24 h/70°C (%)	23	DIN ISO 815-1 Method A
CS 72 h/100°C (%)	59	DIN ISO 815-1 Method A

Item	SE-BIRE-400Axx	Test Method
Manufacturer	Kraiburg – TC5EXN	-
Processing Method	Extrusion/Injection Moulding	-
Colour	Blue	-
Hardness (Shore A)	46°	DIN ISO 7619-1
Density (g/cm <sup>3</sup> )	1.176	DIN EN ISO 1183-1
Tensile Strength (MPa)	6.3	DIN 53504/ISO 37
Elongation at break (%)	825	DIN 53404/ISO 37

### Performance Data

SE-BIRE-200Vxx			
Load (Kg)	Resonance Freq. (Hz)	Resonance Amplification	Insulation From (Hz)
50.32	10.20	4.34	≥16.70
100.32	12.00	6.80	≥17.50
200.32	11.50	7.10	≥15.32

SE-BIRE-400Vxx			
Load (Kg)	Resonance Freq. (Hz)	Resonance Amplification	Insulation From (Hz)
200.32	11.50	7.10	≥17.50
300.32	9.33	5.89	≥16.20
400.32	9.50	6.01	≥16.00