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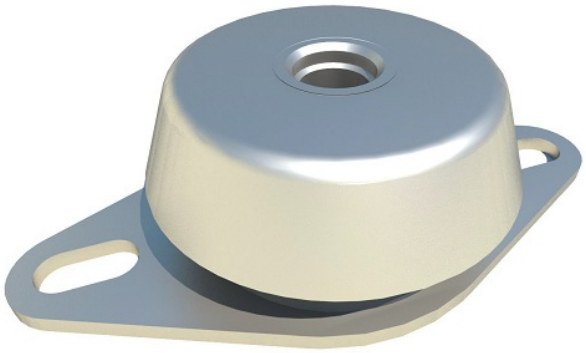

VIBRATION MOUNTS AVCFE

SKU: AVCFE

ASEC Kunststoffen BV

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Categories: Bell mounts

These mounts offer a low profile, easy to install design with an integral fail-safe device to provide shock and failure protection for mobile, marine or seismic stationary application and for applications where safety is paramount. When the rubber works in shear and compression it provides large static deflections, low natural frequency (to 8 hz) and high isolation. The AVCFE range can accommodate loads between 7.5 kg to 83 kg per mount. Our bell mounts can withstand up to 2g of shock forces or 5g occasional shock forces, with regards to the load, without permanent deformation or failing

Optional orderring stainless steel version. Compatible with Height adjuster AVAHA. Compatible with Height adjuster AVBHA.

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Availablity		Value	Unit
Compressive strength static		on request	
Module of elasticity - Youngs modulus		on request	
Tensile strength		on request	
Shear strength		on request	
Impact strength		on request	
Hardness		on request	
Dynamic load capacity		on request	
Speed limit v max dry		4	m/s
Physical properties	**Test standard**	**Value**	**Unit**
Density	ASTM D792	1.20	g/cm¬≥
Max. swell in water at 20 ¬∞C	ASTM D570	0.1	%
Mechanical properties	**Test standard**	**Value**	**Unit**
Compressive strength static	ASTM D695	320	MPa
Module of elasticity	ASTM D695	2240	MPa
Tensile strength	ASTM D3410	60	MPa
Shear strength	ASTM D3410	80	MPa
Impact strength	ASTM D256	50	kJ/m2
Hardness	ASTDM D785	98	Rockwell HRM
Dynamic load capacity		on request	
Thermal properties	**Test standard**	**Value**	**Unit**
Thermal expansion Parallel	ASTM D696	7	*10^-5/ ¬∞C
Min. working temperature		-40	¬∞C
Max. working temperature		200	¬∞C
Intermittent working temperature		220	¬∞C
Friction properties	**Test standard**	**Value**	**Unit**
Coefficient of friction		on request	
Max. sliding speed	Pin-on-ring	2	m/s
Max. pv load dry	Pin-on-ring	0.25	MPa*m/s
Max. pv load oil lubricated	Pin-on-ring	0.5	MPa*m/s
Max. pv load regular greased	Pin-on-ring	0.7	MPa*m/s
Electrical properties	**Test standard**	**Value**	**Unit**
Max. sliding speed	Pin-on-ring	2	m/s
Max. pv load dry	Pin-on-ring	0.25	MPa*m/s

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