

E1E21
E1E22
E1E23



Natural frequency :
 20 to 25 Hz

SILICONE RUBBER / SPECIAL ELECTRONICS

DESCRIPTION

- VHDS elastomer.
 - flange and shaft in 18/8 stainless steel.
- Two Ø K fail safe rings must be provided.

APPLICATIONS

- protecting electronic equipment, navigation equipment, instrument panels, measuring instruments, control panels on aircraft, road vehicles and railway trains.

CHARACTERISTICS

Natural frequency :

- axial : 15 to 25 Hz
- radial : 20 to 35 Hz.

Maximum permitted excitation at natural frequency of suspension : ± 0.5 mm.

Amplification factor at resonance < 4.

Operating temperature : - 54°C to + 150°C.

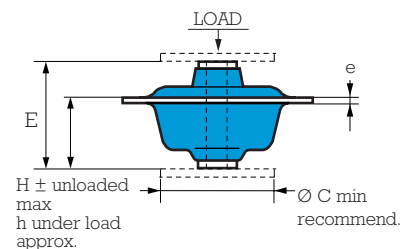
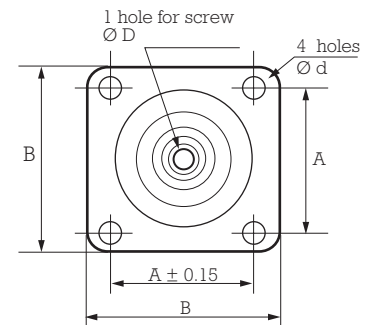
Structural strength corresponds to a continuous acceleration of 10 g at maximum load.

Maximum axial travel available for shock :

E1E21 : ± 4 mm for f min / E1E22 : ± 4.5 mm for f min
 ± 6 mm for f max ± 6 mm for f max.

Weight : E1E21 : 9 g / E1E22 : 25 g / E1E23 : 63 g.

Reference	A mm	B mm	Ø C mm	Ø D	E mm	Ø d mm	e mm	H mm	h mm
E1E21S □□ AL	25.4	32	24	M4	19	3	0.8	12.5	11
E1E22S □□ AL	34.9	44.5	28	M5	25.4	4	1.5	16.5	15
E1E23S □□ AL	49.2	60.5	42	M6	36	5	2	22	20



Reference	Axial static loads in daN	Frequency in Hz	Axial static loads in daN	Frequency in Hz
E1E21S38AL	0.15-0.40	15-20	0.10-0.15	20-25
E1E21S63AL	0.30-0.90		0.20-0.30	
E1E21S77AL	0.40-1.20		0.26-0.40	
E1E22S38AL	0.40-1.00	12-18	0.20-0.40	18-25
E1E22S63AL	0.70-1.70		0.40-0.70	
E1E22S77AL	0.90-2.20		0.50-0.90	
E1E23S42AL	0.40-1.20	10-15		
E1E23S77AL	1.00-2.90			