

## V 118 - MG V 318

### ALL METAL isolator

#### Description

Series of all-metal mounts with equifrequency characteristics for the defined load range, capable of high tensile loads.

- cast iron upper cup and base;
- cast iron shaft;
- all-metal cushion (18/8 stainless steel);
- protection: paint and cast iron parts;
- weight: V 118 - MG : 2,4 kg (approx.)  
V 318 : 10 kg (approx.)

#### Characteristics

- resonance frequencies:
  - axial : 18 to 25 Hz
  - radial : 18 to 25 Hz
- maximum sinusoidal input amplitude:  $\pm 0,3$  mm;
- amplification factor at resonance:  $< 6$ ;
- operational temperature:  $-70^{\circ}\text{C}$  to  $+300^{\circ}\text{C}$ ;
- ultimate strength: see table.

PART NUMBER	STATIC LOAD (daN)	Maximum dynamic loads in daN Compression FV 1	Maximum dynamic loads in daN Tension FV 2
V 118 - MG	50 - 900	4500	1500
V 318	250 - 7000	22500	9000

#### Applications

- suspension of machine-tools: grinding machines, crushing machines, fly-presses, priting machines, textile machinery;
- suspension of rotating machines: engines, pumps, etc, rotating over 2500 rpm;
- suspension of overhead conveyours, metal structures, cabins equipment;
- marine: suspension of engines, exhaust pipes, manifold, etc.

PART NUMBER	A	B	D	E	G	H	d	f	hV1	hV2
V 118 - MG	100	130	M16	16,5	31	73	12,5	63	68	77
V 318	170	220	M27	-	88	97	97	-	93	100

