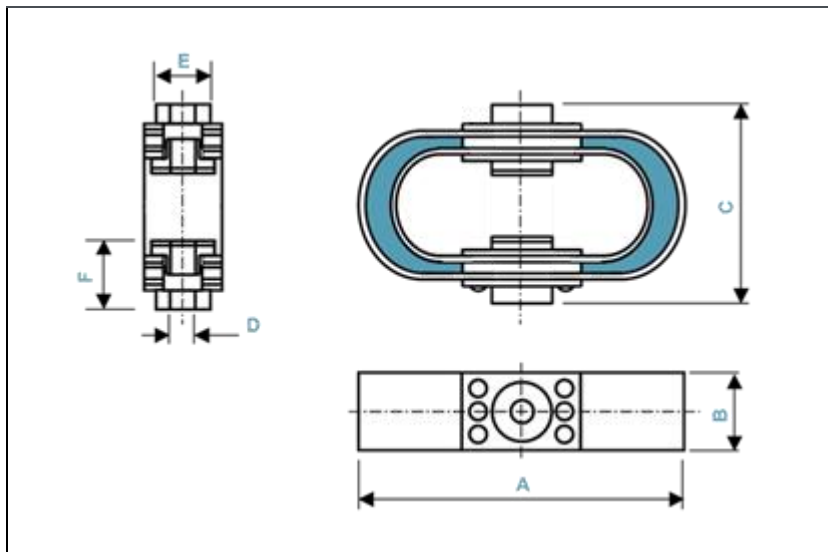




- Multidirectional anti-vibration/shock mounts
- Displacement under shock up to 60mm along vertical direction and 40mm along radial
- Transmissibility: $2 < Q < 6$
- Transmitted acceleration limited to 5g along longitudinal direction and to 15g along vertical and transversal
- Temperature range: $-20^{\circ}\text{C} + 40^{\circ}\text{C}$

Dimensions are in mm. For reference only.

SERIE	LOAD AND DIMENSION											
Materials and finishes (meets RoHs requirements)	type	Static load (kg)			A	B	C	D	E	F	mass (kg)	NATO stock number
		min	nom	max								
LSX-xxxF Leaf and washer: Stainless steel Compound: Epoxy resin Bush: Nylon Coating: Neoprene Paint	-10F	9	10	18	203	51	114	9 (M8)	32	22	0,68	5340-99-923-5717
	-20F	18	20	35	203	51	114	9 (M8)	32	23	0,80	5340-99-923-5718
	-45F	35	45	55	216	51	133	13 (M12)	32	23,5	1,02	5340-99-923-5719
	-70F	55	70	90	216	51	133	13 (M12)	32	25	1,13	5340-99-923-5720
	-110F	90	110	135	216	51	133	13 (M12)	32	26	1,25	5340-99-923-5721
	-180F	135	180	250	297	102	190	21 (M20)	64	35	5,90	5340-99-520-8429
	-320F	250	320	380	297	102	190	21 (M20)	64	41	6,57	5340-99-520-8428
	-450F	380	450	550	297	102	190	21 (M20)	64	43	7,25	5340-99-520-8427

EXAMPLE

LSX-45F

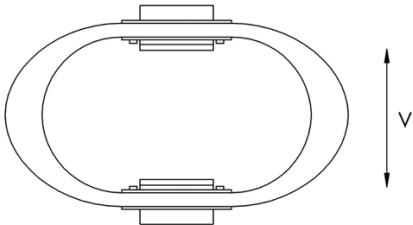
L	S	X	-	4	5	F
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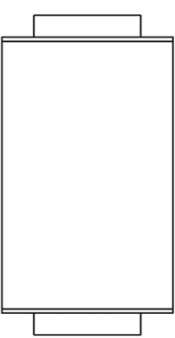
PREFIX:
'leaf spring'
mount from the
LSX series

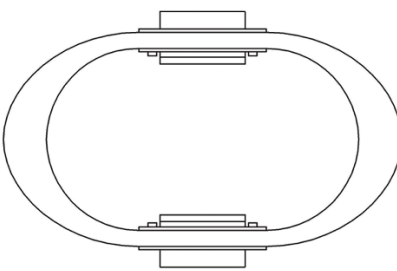
MODEL: -45F
nominal static load: 45kg
height: 133mm
length: 216mm
width: 51mm
mass: 1,02kg



PERFORMANCE DATA
series LSX-xxxF

	VERTICAL									
	LSX Series	Model	-10F	-20F	-45F	-70F	-110F	-180F	-320F	-450F
	1. Natural Frequency	fc Hz	6,5	6,5	7,5	6,5	7,0	9,5	8,0	7,5
		fy Hz	8,5	8,5	8,5	8,5	8,5	13,0	9,5	9,5
	3. Static Deflection	d1 mm	6,2	6,2	8,6	8,2	7,7	4,3	5,4	4,3
		d2 mm	8,6	8,6	11,6	11,2	10,5	5,9	7,4	5,6
	Static Stiffness	ks N.mm ⁻¹	13	26	44	70	120	350	500	875
	Support									
	Stiffness	k N.mm ⁻¹	200	450	900	1300	2000	3500	6000	8500
	Strength	F N	150	300	675	1050	1650	2700	4800	6750

	HORIZONTAL ACROSS									
	LSX Series	Model	-10F	-20F	-45F	-70F	-110	-180F	-320F	-450F
	1. Natural Frequency	fc Hz	4,5	4,5	5,0	4,75	5,0	4,75	5,25	4,75
		fy Hz	6,25	6,25	6,25	6,25	6,25	6,5	6,0	6,0
	Static Stiffness	ks N.mm ⁻¹	17	35	58	91	149	665	788	1400
	Support									
	Stiffness	k N.mm ⁻¹	200	450	900	1300	2000	3500	6000	8500
	Strength	F N	150	300	675	1050	1650	2700	4800	6750

	HORIZONTAL ROLL									
	LSX Series	Model	-10F	-20F	-45F	-70F	-110F	-180F	-320F	-450F
	1. Natural Frequency	fc Hz	3,5	3,5	4,25	4,0	4,25	4,0	4,25	4,0
		fy Hz	5,0	5,0	5,0	5,0	5,0	5,5	5,0	5,0
	Static Stiffness	ks N.mm ⁻¹	7	14	24	39	61	175	219	385
	Support									
	Stiffness	k N.mm ⁻¹	200	450	900	1300	2000	3500	6000	8500
	Strength	F N	150	300	675	1050	1650	2700	4800	6750

SPECIFICATIONS APPLICATIONS

Fuel tanks, engines, seats, marine craft installations, ammunitions, generator sets, compressors, pumps, fans, air conditioning units, electric motors, electronic control equipment, laboratory equipment...

1. Natural frequency (fv) and shock natural frequency (fc)
 2. Mini stiffness (K) and strength (F) of the support structure to which a mount is attached
 3. Static deflection mini (d1) and maxi (d2) at nominal
- * IMPORTANT: performance characteristics are given here for reference only. They can be increased under specific conditions. Contact us.**