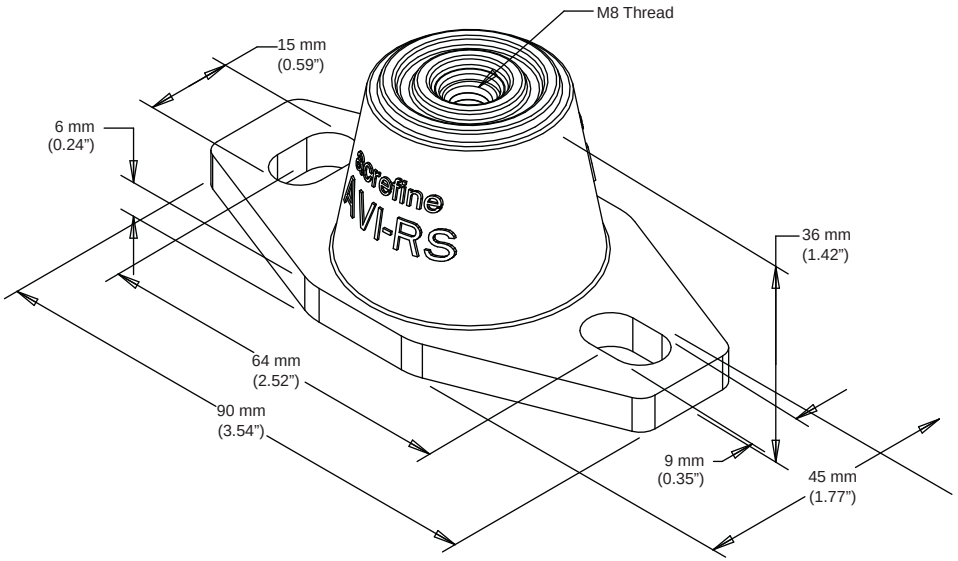
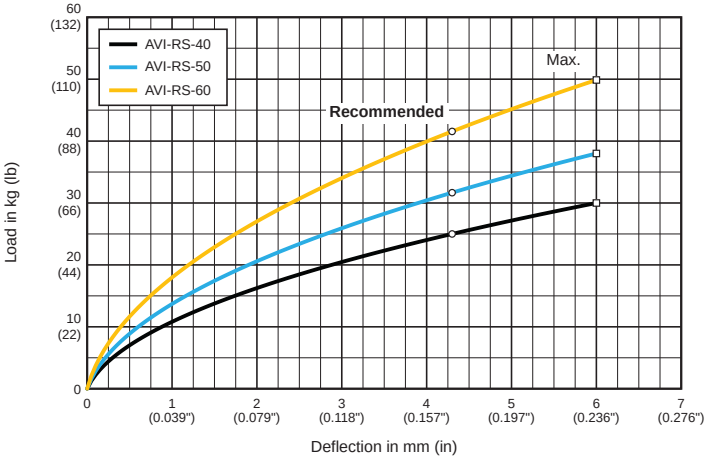
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REV	DESCRIPTION	DATE	BY	APP'L
6	Load table and curves revised.	10.11.2026	MMD	EK

APPROVED DRAWING
EK
10.11.2026
CAD



Load - Deflection Graph



ISOLATOR TYPE	ISOLATOR PROPERTIES							
	Colour Mark	Shore A Hardness	Load Case	METRIC		IMPERIAL		Unit weight (kg)
				Deflection (mm)	Load (kg)	Deflection (in)	Load (lb)	
AVI-RS-40	—	40	**Recommended**	**4.30**	**25**	**0.17"**	**55**	0.10
			Max.	6.00	30	0.24"	66	
AVI-RS-50	Blue	50	**Recommended**	**4.30**	**32**	**0.17"**	**71**	0.10
			Max.	6.00	38	0.24"	84	
AVI-RS-60	Yellow	60	**Recommended**	**4.30**	**42**	**0.17"**	**93**	0.10
			Max.	6.00	50	0.24"	110	

Colour marks are identification codes; printed colours are indicative only.

NOTES:
1. Max. Load is a static limit; select by Recommended Load for isolation and service life.
2. Deflections are short-term values; allow for c. 20% creep under sustained load.
3. Unit weight is the weight of the isolator alone; packaging is not included.
4. Isolator must be installed per Installation Instruction 9100.
5. For more information, watch the product video at: https://www.youtube.com/watch?v=wjf7YDtzHL4

POD
PERFORMANCE OUTLINE DRAWING

AVI-RS Type Open Rubber Mount

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PROJECT INFORMATION

CUSTOMER		PROJECT NAME	
ENGINEER			
DATE		LOCATION	
PROJECT No.			

DRAWING No.	8125	REV
DRAWN BY	MMD	6
DATE	10.11.2026	
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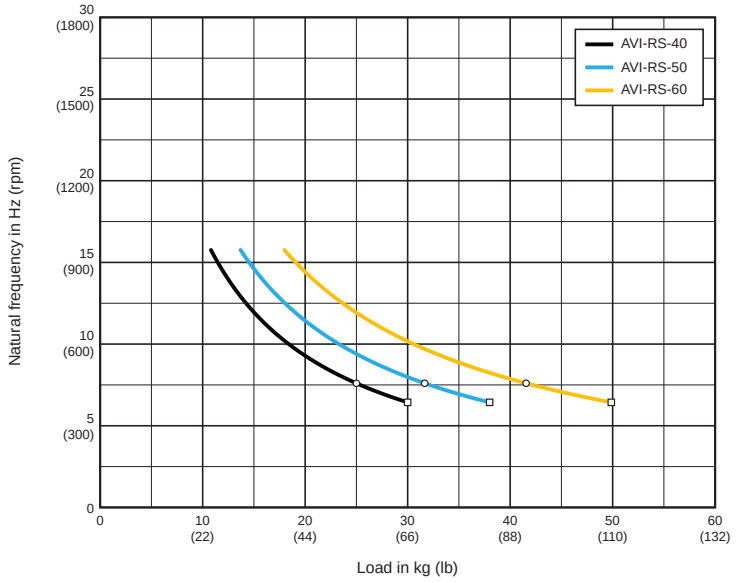
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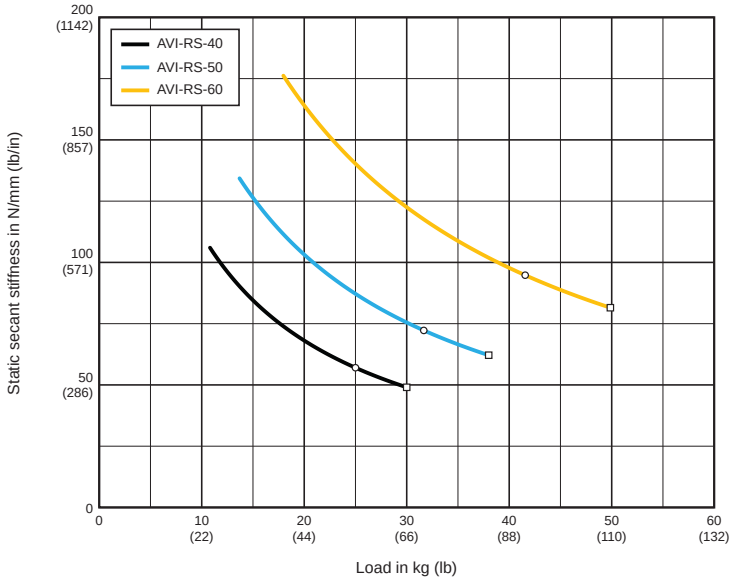
Vibration Isolation and Noise Control Properties of AVI-RS Type Open Rubber Mount

NATURAL FREQUENCY CURVES

(estimated from static deflection, per industry practice)



STATIC SECANT STIFFNESS



NOTES:
1. Recommended (○) and Max. (□) loads are marked; curves end at the Max. Load.
2. Natural frequency is estimated from static deflection: f = 15.76 / √δ (f in Hz, δ in mm).
3. Static secant stiffness k = 9.81 × load / δ (k in N/mm, load in kg, δ in mm).

Disclaimer: The information provided in these technical documents constitutes a summary related to the product itself and not the intended application. We do recommend that you seek further advice regarding actual field application from our engineers or authorised partners. The latest version of this document is available to download from www.acrefine.com.

POD
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AVI-RS Type Open Rubber Mount

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