



# RA Mounting



## RA mountings

RA mount uses the rubber profile in shear and compression to obtain good vertical flexibility with the advantage of horizontal stability. For normal speeds of approx. 1500 rpm, the RA provides a degree of isolation of 75-85%. For better isolation, the alternative RAEM or M-Series can be chosen.

Its unique construction and the latest production methods make the Novibra RA a high performance mount, with a number of advantages:

- Rubber features are utilized effectively combining compression and shear.
- Wide load rating options, 40-2100 kg.
- Corrosion protected to cope with arduous environments on land or marine applications.
- Fitted as standard with an integral fail-safe device with resilient stop, making the RA ideal for use in mobile applications. The RA mounts can accommodate occasional shock loads to 5g reference to the weight in hardness 60 degrees IRH. The mount will withstand shock loads up to 2g without plastic deformation.
- Clear and durable branding so that the mounting can be identified even after several years in operation.
- Domed shape cover to protect against oil contamination.

## About Trelleborg Industrial AVS

Over 100 years of experience as Metalastik and Novibra, today Trelleborg Industrial AVS make improvements people can physically feel. From smoother travel to quieter, more efficient machines, we make life feel better. With quality, testing and compliance built in, we're in it for the long haul, ensuring your solution still works, over an extended and often arduous life-cycle.

With three state-of-the-art manufacturing plants across the globe, our experience in rubber to metal bonding enhances several industries, including off-highway vehicles, rail and mass transit, marine and energy and general industry.

We offer an end-to-end service, to take you from concept through design, manufacturing and testing to delivery. This reduces the complexity of supply, helping you cut costs, mitigate risk and receive on time, on budget delivery.

Trelleborg IAVS is part of Trelleborg Group, which employs 15,000 people in over 40 countries. Whatever your challenge, whatever your role and wherever you are, we are nearby to offer expert knowledge and quality solutions.

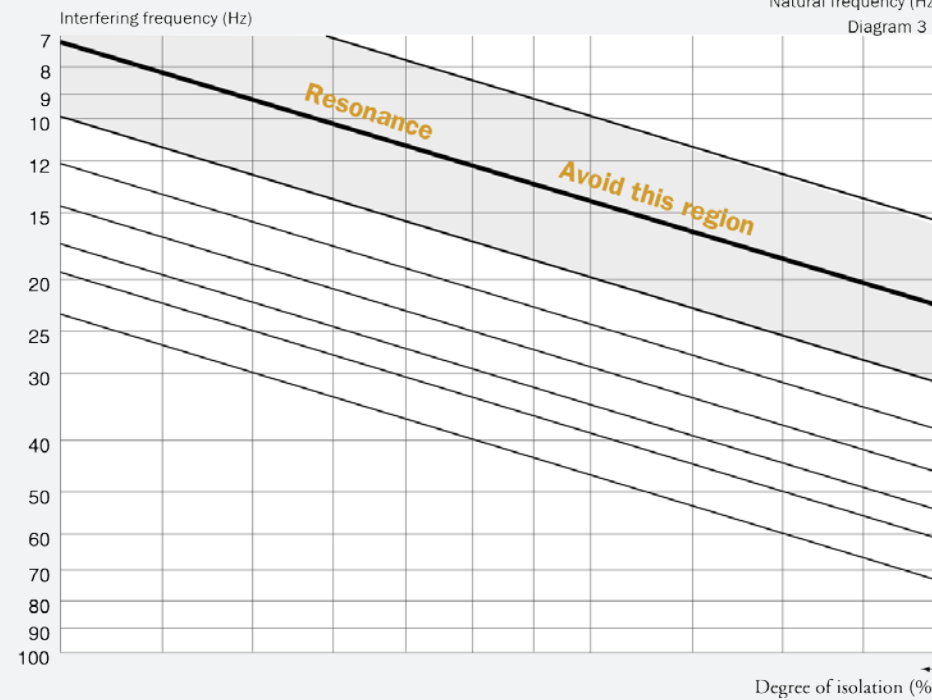
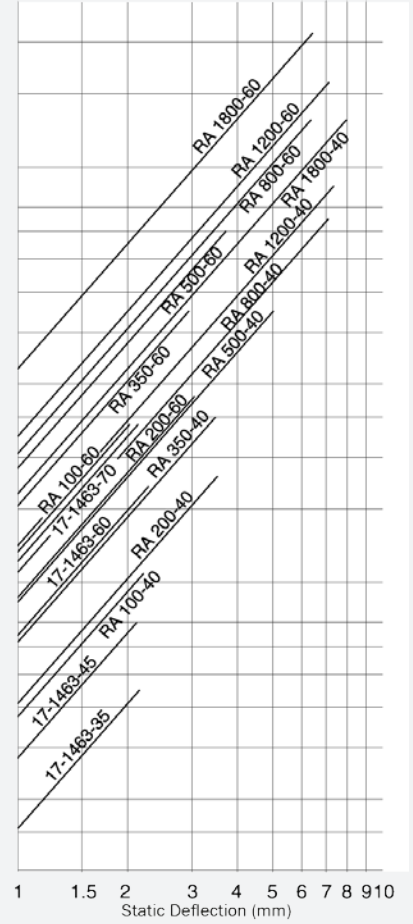
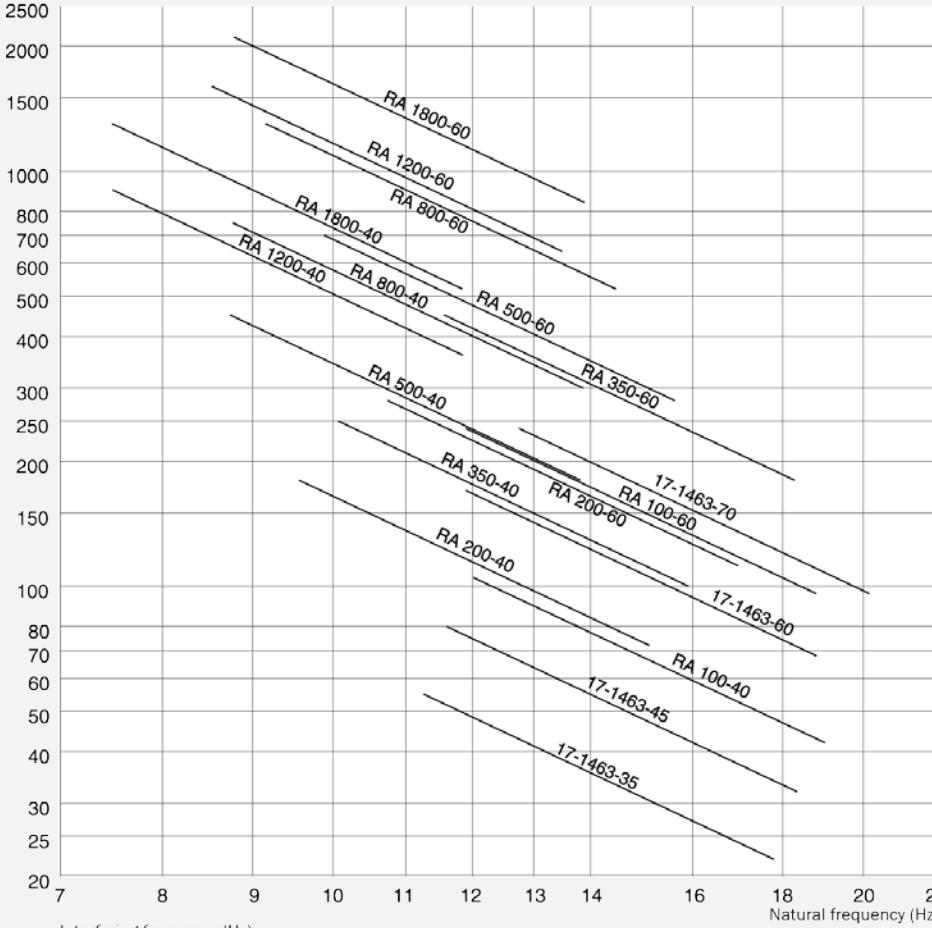


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Load per mounting (kg)

Diagram 1

Diagram 2

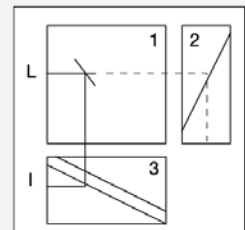


To select the correct mounting, the following data is needed:

1. Load per mounting (kg)
2. Interfering frequency (Hz) (Hz = rpm/60)

Select correct load line in diagram 1 and correct interface line in diagram 3. The load line intersects with required type of mounting.

Connect this intersection point vertically down to the interference line on diagram 3. Here, on the sloping curve, the isolation degree is indicated. For static deflection see diagram 2.

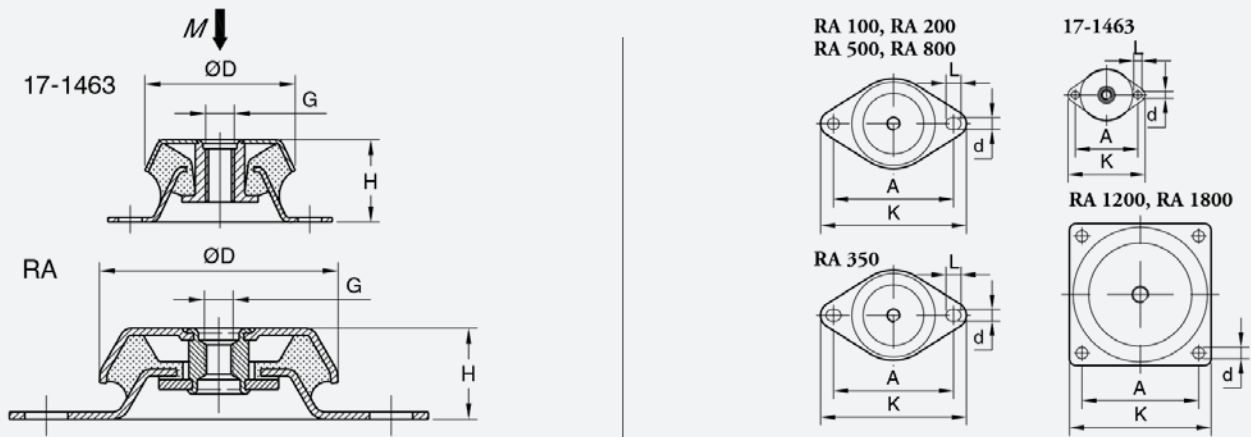


**Note:** The natural frequencies and degrees of isolation are based on dynamic characteristics on the mounting



# RA Mounting

## Technical Drawing



## Product Data

DRAWING No.	PART No.	type	DIMENSIONS (mm)							MAX LOAD (kg)	WEIGHT (kg)
			D	A	H	K	d	L	G		
17-2320-1	10-00106-01	RA 100/M10 40 IRH	79	110	30	130	9	12	M10	105	0.33
17-2321-1	10-00107-01	RA 100/M10 60 IRH	79	110	30	130	9	12	M10	240	0.33
17-2322-3	10-00166-01	RA 100/M12 40 IRH	79	110	30	130	9	12	M12	105	0.33
17-2323-1	10-00167-01	RA 100/M12 60 IRH	79	110	30	130	9	12	M12	240	0.33
17-2326-1	10-00110-01	RA 200/M10 40 IRH	94	124	35	150	10	15	M10	180	0.47
17-2327-1	10-00111-01	RA 200/M10 60 IRH	94	124	35	150	10	15	M10	280	0.47
17-2328-3	10-00165-01	RA 200/M12 40 IRH	94	124	35	150	10	15	M12	180	0.47
17-2329-1	10-00091-01	RA 200/M12 60 IRH	94	124	35	150	10	15	M12	280	0.47
17-2330-3	10-00172-01	RA 350/M12 40 IRH	101	140-148	38	175	14	18	M12	250	0.74
17-2331-1	10-00173-01	RA 350/M12 60 IRH	101	140-148	38	175	14	18	M12	450	0.74
17-2332-2	10-00112-01	RA 350/M16 40 IRH	101	140-148	38	175	14	18	M16	250	0.74
17-2333-1	10-00113-01	RA 350/M16 60 IRH	101	140-148	38	175	14	18	M16	450	0.74
17-2334-1	10-00116-01	RA 500 40 IRH	123	158	42	192	14	18	M16	450	1.02
17-2335-1	10-00117-01	RA 500 60 IRH	123	158	42	192	14	18	M16	700	1.02
17-4016-1	10-00118-01	RA 800 40 IRH	144	182	46	216	14	18	M16	750	1.59
17-4017-1	10-00119-01	RA 800 60 IRH	144	182	46	216	14	18	M16	1300	1.59
17-4031-1	10-00154-01	RA 1200 40 IRH	161	140	58	170	14	-	M20	900	2.19
17-4032-2	10-00155-01	RA 1200 60 IRH	161	140	58	170	14	-	M20	1600	2.19
17-4033-2	10-00156-01	RA 1800 40 IRH	181	160	66.5	190	14	-	M20	1300	2.33
17-4034-1	10-00157-01	RA 1800 60 IRH	181	160	66.5	190	14	-	M20	2100	2.33

DRAWING No.	PART No.	TYPE	DIMENSIONS (mm)							MAX LOAD (kg)	WEIGHT (kg)
			D	A	H	K	d	L	G		
17-1463-1	10-00503-01	35 IRH	65	76.2	35	94	8.5	10	M12	55	0.22
17-1463-1	10-00504-01	45 IRH								80	
17-1463-1	10-00505-01	60 IRH								170	
17-1463-1	10-00506-01	70 IRH								240	



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For further information visit our website or e-mail [industrialavs@trelleborg.com](mailto:industrialavs@trelleborg.com)

The content in this datasheet was correct at the time of printing, but is subject to change without notice.