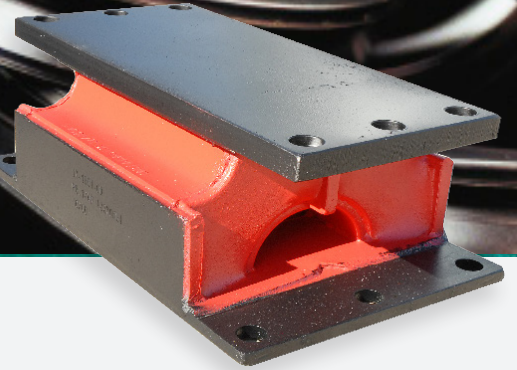




D-Series Mounting



17/1601 | 17/1602 | 17/1603

D-series Mounting

Metalastik® D Series Mountings are suitable for the suspension of heavy equipment or machinery where insulation against low frequency vibration is required with the additional benefit of excellent high frequency acoustic attenuation.

The relatively large rubber volume ensures high degrees of insulation against low frequency disturbing vibrations.

Differing stiffness rates in the two horizontal modes enables suspension characteristics to be optimized by appropriate orientation of the mountings.

The mountings can be used in conjunction with additional bonded rubber buffers to limit movement of the suspended equipment under shock loading.

Parts can be supplied to meet naval specification requirements and also with plain flanges for drilling by the customer.

Applications include:

- Medium speed marine propulsion engines
- Generator sets
- Gearboxes
- Pumps
- Compressors and refrigeration systems

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.

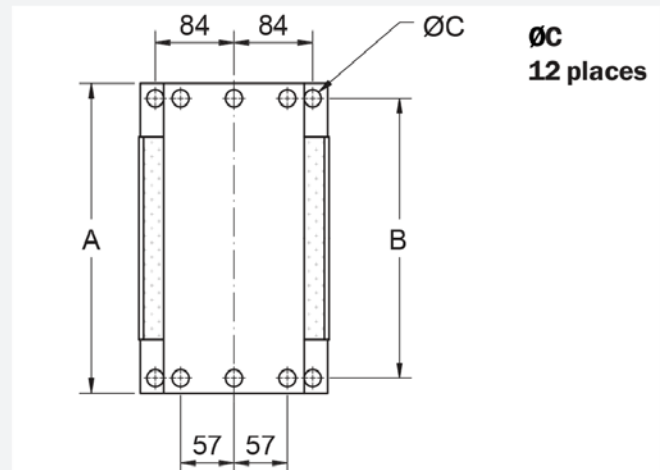
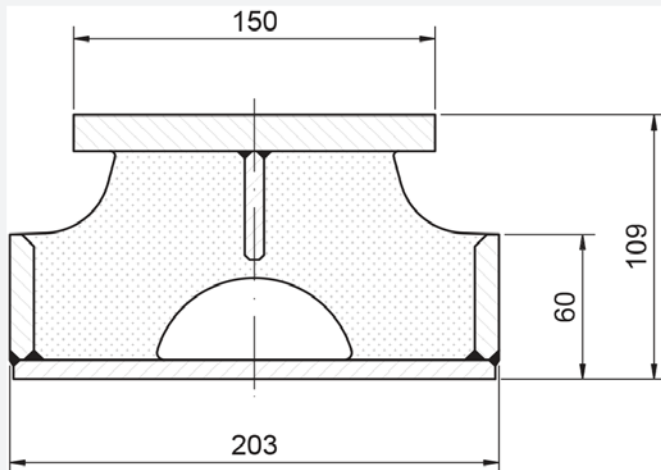
With three state-of-the-art manufacturing plants across the globe, our experience in rubber to metal bonding enhances several industries, including off-highway vehicles, rail and mass transit, marine and energy and general industry.

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.

D-series 17/1601 | 17/1602 | 17/1603

Technical Drawing



Product Data

DRAWING No.	TYPE	DIMENSIONS (mm)			MAXIMUM LOAD (kN)	STATIC VERTICAL STIFFNESS (N/mm)	DYNAMIC VERTICAL STIFFNESS (N/mm)	WEIGHT (kg)
		A	B	C				
17/1603	45 IRH	210	178	9	6.6	420	478	9
17/1603	55 IRH				9.5	630	785	9
17/1603	65 IRH				14.2	920	1240	9
17/1602	45 IRH	267	235	12	12.75	805	912	12
17/1602	55 IRH				19	1200	1500	12
17/1602	65 IRH				27.5	1710	2295	12
17/1601	45 IRH	330	298	18	14.2	880	1003	15
17/1601	55 IRH				21	1300	1625	15
17/1601	65 IRH				31.4	2000	2700	15



WWW.TRELLEBORG.COM/ANTI-VIBRATION-SOLUTIONS

For further information visit our website or e-mail industrialavs@trelleborg.com

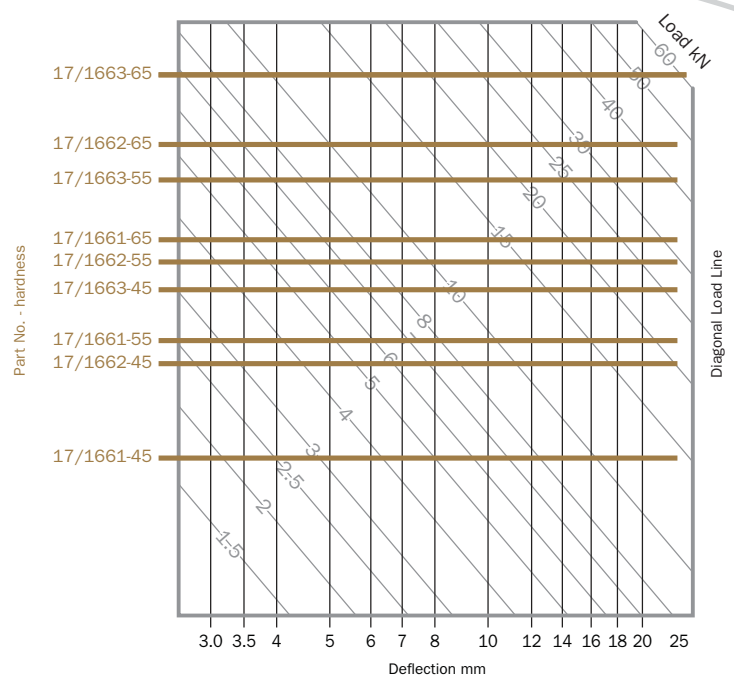
The content in this datasheet was correct at the time of printing, but is subject to change without notice.

Super D Flanged and Non-Flanged

The "Super D" mounting range is designed primarily for heavy marine installations requiring increased shock capacity.

These mountings operate at a nominal static deflection of 23mm and can accommodate up to 50mm shock excursions in any direction.

Special variants of the Super D mountings can accommodate up to 70mm shock displacement in vertical direction.



17/1661 also applies for **17/1736**
17/1662 also applies for **17/1737**
17/1663 also applies for **17/1738**

Super D mountings are used in vessels that require a very high degree of vibration isolation of all machinery, such as:

Super Yachts, Cruise Liners, Surface and Subsurface Navy Vessels. Additionally, Navy Vessels often have a shock specification. These requirements can be fulfilled by using Trelleborg Super D Mountings. The vertical natural frequency of the Anti Vibration system can be as low as 4 Hz.

The mountings can be used in conjunction with additional bonded rubber buffers to limit movement of the suspended equipment under shock loading.

Applications

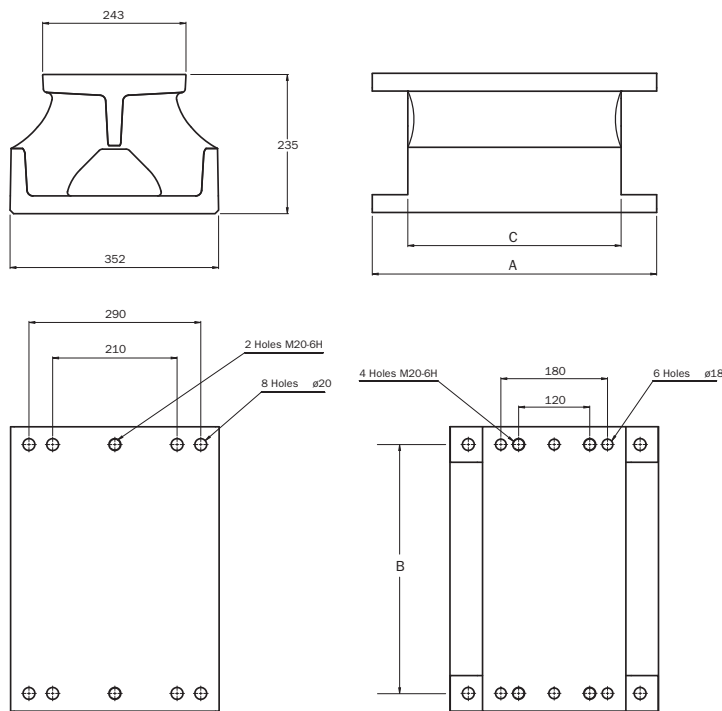
- ▼ Propulsion Engines
- ▼ Diesel Generator Sets
- ▼ Chiller Installations
- ▼ Air Conditioning Installations



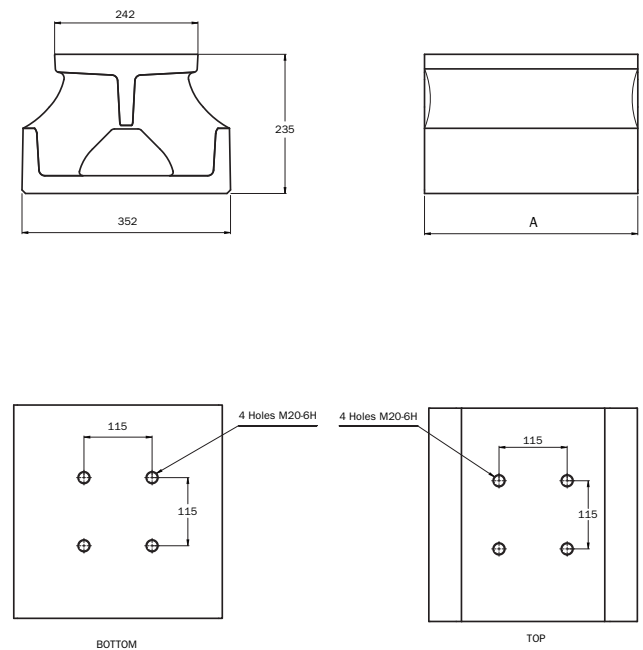
NOTE: On request, Trelleborg Industrial AVS application engineers can make the necessary calculations for the Anti Vibration and Shock Systems using Vibratio Software.

Super D Flanged and Non-Flanged

Flanged Super D Mounting



Non-Flanged Super D Mounting



Part	Dimensions (mm)			Weight (kg)
	A	B	C	
Flanged Type:				
17/1736	340	280	220	65
17/1737	410	350	290	81
17/1738	480	420	360	97
Non-Flanged Type:				
17/1661	-	-	220	49
17/1662	-	-	290	65
17/1663	-	-	360	80

Product performance information given is nominal static data. In some applications static or dynamic properties may be critical. For any proposed application, an assessment by our Design and Applications team may be required.



Trelleborg Industrial AVS

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