



DET NORSKE VERITAS

TYPE APPROVAL CERTIFICATE

CERTIFICATE NO. M-11578

This is to certify that the
Flexible Mounts for Propulsion or Auxiliary Machinery

with type designation(s)
Cushyfloat, Cushymount K & XK, D series, Super D, DX mounts, Sandwich Mounting, Standard Industrial Product Range.

Manufactured by
Trelleborg Industrial A.V.S.
LEICESTER, United Kingdom

is found to comply with
Det Norske Veritas' Rules for Classification of Ships/High Speed and Light Craft

Application

The mountings are approved for use in diesel engine installations for propulsion and auxiliary duty and as mountings for reduction gears and other auxiliary machinery with limitations as given in data sheets mentioned in the certificate.

Høvik, 2010-11-19
for Det Norske Veritas AS

Tomas Heber Tronstad
Head of Section



DNV local office:
Sheffield

This Certificate is valid until
2014-12-31

Hans-Kristian Eriksen
Surveyor

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.
If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.



Certificate No.: M-11578
File No.: 702.60
Job Id.: 262.1-009953-1

Product description Anti-vibration chocks, anti-shock and vibration mounts

Application/Limitation The mountings are approved for use in diesel engine installations for propulsion and auxiliary duty and as mountings for reduction gears and other auxiliary machinery with limitations as given in the Product Data information available on the web site <http://trelleborg.com/industrialavs> under section "Products"

Type Approval documentation

Product Survey Report SHF98/6756, SHF06/6271 and the following drawings :

Drawing No.	Rev	Title	Date
1. 17/1468	10	Metalastik Cushymount	29 Aug 2001
2. 17/1469	10	Metalastik Cushymount	29 Aug 2001
3. 17/1470	17	Metalastik Cushymount	17 Nov 2006
4. 17/1503	13	Metalastik Cushymount	16 Nov 2006
5. 17/1503/1	17	Metalastik Cushymount with locking	17 Nov 2006
6. 17/1589	7	Metalastik Cushymount	28 Aug 2001
7. 17/1669	3	Metalastik Cushymount	29 Aug 2001
8. 17/1732/1	3	Metalastik Cushymount	29 Aug 2001
9. 17/1758	6	Metalastik Cushymount	29 Aug 2001
10. 17/1770	3	Metalastik Cushymount	29 Sep 2001
11. 17/1872	9	Mounting – Cushymount 'K'	30 Mar 2005
12. 17/1921	10	Mounting – Cushymount - buffered	30 Mar 2005
13. 17/0645	26	Metalastik Cushyfoot 'S'	22 Mar 2005
14. 17/1011/1	10	Metalastik Cushyfloat 'S'	23 Mar 2005
15. 15/4050	A	Miscellaneous (Cushyfloat series 1609,1657,1841)	11 Oct 2006
16. 17/2210	2	Height adjusters (For cushyfloats)	17 Nov 2006
17. 15/4051	A	Miscellaneous (Super D series 1661,1162,1663,1871, 1736,1737,1738,1922,2198,2199,1773,1774,1775, 1790,2015)	11 Oct 2006
18. 17/2092	4	Mounting – DX mount	3 Nov 2003
19. 17/2266	6	Mounting – DX mount	7 Feb 2005
20. 17/2267	3	Mounting – DX mount	7 Feb 2005
21. 15/4052	A	Mounting –D (Series 1601,1602,1603)	11 Oct 2006
22. 17/1549	17	Mounting Rectangular	30 Mar 2005
23. 17/1654	9	Mounting Rectangular	30 Mar 2005
24. 17/1912	8	Mounting Rectangular	30 Mar 2005
25. 17/1716	9	Mounting Rectangular (Replaces 17/1359)	23 Mar 2005
26. 17/1783	8	Mounting Rectangular	01 Mar 2007
27. 17/1973	6	Mounting Rectangular	01 Mar 2007
28. 17/1990/1	7	HT Cushyfloat	30 Mar 2005
29. 17/2182/1	2	HT Cushyfloat	11 Apr 2004
30. 17/2310/1	1	HD Cushyfloat	26 Sep 2006
31. Standard Industrial mounts: RA, RAEM, M, RAB, SAW, GK, VT, BA, UH, HK, EH, SIM		are all described on website.	
32. 17/4152	1	Mounting Rectangular	01 Dec 2006
33. 17/4146		Cushymount XK	01 April 2010

Marking of product

The product to be marked with manufacturer's name or trademark and type number identification.

Certificate retention survey

For retention of the Type Approval, DNV surveyor shall perform a survey every second year and before expiry date of this certificate to verify that the conditions of the type approval are complied with.

Other conditions



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No product certificate required.

Installation, maintenance and inspection of the mounts to be done according to the makers instructions.

END OF CERTIFICATE

