



Marine & Offshore

Certificate number: 57866/A1 BV

File number: ACM182/2311/1

Product code: 0021H

This certificate is not valid when presented without the full attached schedule composed of 7 sections

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TYPE APPROVAL CERTIFICATE

This certificate is issued to

ACCESORIOS ELASTICOS LESOL S.L.

HERNANI - SPAIN

for the type of product

FLEXIBLE MOUNTS FOR PROPULSION OR AUXILIARY MACHINERY

Type SCC, SCM and SCR

Requirements:

Bureau Veritas Rules for the Classification of Steel Ships

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 13 Feb 2025

For Bureau Veritas Marine & Offshore,

At BV BILBAO, on 03 Mar 2020,

Juan Jose GUTIERREZ GARCIA



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

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BV Mod. Ad.E 530 June 2017

This certificate consists of 2 page(s)

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

FLEXIBLE MOUNTS FOR PROPULSION OR AUXILIARY MACHINERY

Type SCC

Material: NORMAL STEEL

Rubber: NR, EPDM

DEFLECTION: between 3.5 (+/-1.0)mm to 17 (+/-1.0)mm

MAX LOAD (KG): between 80 to 5000

Type SCM

Material: NORMAL STEEL

Rubber: NR, VMQ

DEFLECTION: 3 (+/-1.0)mm - 6.5 (+/-1.0)mm

MAX LOAD (KG): between 80 to 1400

Type SCR

Material: NORMAL STEEL & Inox

Rubber: NR

DEFLECTION: 4 (+/-1.0)mm - 6 (+/-1.0)mm

MAX LOAD (KG): between 80 to 1200

2. DOCUMENTS AND DRAWINGS :

See Annex.

3. TEST REPORTS :

Reference of the compression test dated 27/05/2019

SCR140NR75M16	SCM060NR35
SCR182NR5M20	SCM225NR75
SCC080M12NR60	SCM325NR75
SCC095M10NR60	SCM420NR60
SCC110M12NR65	SCM425NR75
SCC150M16NR35	SCP120LVMQ75-300
SCR100NR65INOX	

4. APPLICATION / LIMITATION :

4.1 - As per manufacturer's material list.

4.2 - May be used as resilient or shock mountings for diesel engines and other machinery (reduction gearbox, turbine, generator, pump) within the specified operational limitations by the manufacturer.

4.3 - Application and calculation note should be submitted to Bureau Veritas on ship by ship case basis.

4.4 - The devices are to be fitted according to the supplier's instructions and the manufacturer has to inform its clients about proper methods of arrangement, fitting and general maintenance of the products.

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - The flexible mounts type SCC, SCM & SCR are to be supplied by **ACCESORIOS ELASTICOS LESOL S.L.** in compliance with the type described in this certificate.

5.2 - This type of product is within the category HBV of Bureau Veritas Rule Note NR320 and as such does not require a BV product certificate.

5.3 - **ACCESORIOS ELASTICOS LESOL S.L.** has to make the necessary arrangements to have its works recognised by Bureau Veritas in compliance with the requirements of NR320 for HBV products.

6. MARKING OF PRODUCT :

The product is to be permanently marked with at least:

- Manufacturer's name or logo,
- Type designation,
- Rubber hardness

7. OTHERS :

7.1 - It is **ACCESORIOS ELASTICOS LESOL S.L.**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

7.2 - This Certificate supersedes the Type Approval Certificate N° 57866/A0 BV issued on 13 Feb. 2020 by the Society.

*** END OF CERTIFICATE ***

TYPE	Manufacturer's CODE	Drawings number	
SCC080M10	SCC080M10NR35	SCC080M10	
	SCC080M10NR45	SCC080M10	
	SCC080M10NR60	SCC080M10	
	SCC080M10NR75	SCC080M10	
	SCC080M10D35300	SCC080M10-300	
	SCC080M10D45300	SCC080M10-300	
	SCC080M10D60300	SCC080M10-300	
	SCC080M10D75300	SCC080M10-300	
	SCC080M10EPDM35	SCC080M10EPDM	
	SCC080M10EPDM45	SCC080M10EPDM	
	SCC080M10EPDM60	SCC080M10EPDM	
	SCC080M10EPDM75	SCC080M10EPDM	
	SCC080M12	SCC080M12NR35	SCC080M12
		SCC080M12NR45	SCC080M12
		SCC080M12NR60	SCC080M12
		SCC080M12NR75	SCC080M12
SCC080M12EPDM35		SCC080M12EPDM	
SCC080M12EPDM45		SCC080M12EPDM	
SCC080M12EPDM60		SCC080M12EPDM	
SCC080M12EPDM75		SCC080M12EPDM	
SCC095M10	SCC095M10NR35	SCC095M10	
	SCC095M10NR45	SCC095M10	
	SCC095M10NR60	SCC095M10	
	SCC095M10NR75	SCC095M10	
	SCC095M10D35300	SCC095M10-300	
	SCC095M10D45300	SCC095M10-300	
	SCC095M10D60300	SCC095M10-300	
	SCC095M10D75300	SCC095M10-300	
	SCC095M10EPDM35	SCC095M10EPDM	
	SCC095M10EPDM45	SCC095M10EPDM	
	SCC095M10EPDM60	SCC095M10EPDM	
	SCC095M10EPDM75	SCC095M10EPDM	
	SCC095M12	SCC095M12NR35	SCC095M12
		SCC095M12NR45	SCC095M12
		SCC095M12NR60	SCC095M12
		SCC095M12NR75	SCC095M12
SCC095M12EPDM35		SCC095M12EPDM	

TYPE	Manufacturer's CODE	Drawings number
	SCC095M12EPDM45	SCC095M12EPDM
	SCC095M12EPDM60	SCC095M12EPDM
	SCC095M12EPDM75	SCC095M12EPDM
SCC110M12	SCC110M12NR35	SCC110M12
	SCC110M12NR45	SCC110M12
	SCC110M12NR60	SCC110M12
	SCC110M12NR65	SCC110M12
	SCC110M12NR75	SCC110M12
	SCC110M12D35300	SCC110M12-300
	SCC110M12D45300	SCC110M12-300
	SCC110M12D60300	SCC110M12-300
	SCC110M12D65300	SCC110M12-300
	SCC110M12D75300	SCC110M12-300
	SCC110M12EPDM35	SCC110M12EPDM
	SCC110M12EPDM45	SCC110M12EPDM
	SCC110M12EPDM60	SCC110M12EPDM
	SCC110M12EPDM65	SCC110M12EPDM
	SCC110M12EPDM75	SCC110M12EPDM
SCC110M16	SCC110M16NR35	SCC110M16
	SCC110M16NR45	SCC110M16
	SCC110M16NR60	SCC110M16
	SCC110M16NR65	SCC110M16
	SCC110M16NR75	SCC110M16
	SCC110M16EPDM35	SCC110M16EPDM
	SCC110M16EPDM45	SCC110M16EPDM
	SCC110M16EPDM60	SCC110M16EPDM
	SCC110M16EPDM65	SCC110M16EPDM
	SCC110M16EPDM75	SCC110M16EPDM
SCC125M16	SCC125M16NR45	SCC125M16
	SCC125M16NR60	SCC125M16
	SCC125M16NR75	SCC125M16
	SCC125M16EPDM45	SCC125M16EPDM
	SCC125M16EPDM60	SCC125M16EPDM
	SCC125M16EPDM75	SCC125M16EPDM
SCC150M12	SCC150M12NR35	SCC150M12
	SCC150M12NR45	SCC150M12
	SCC150M12NR60	SCC150M12
	SCC150M12NR65	SCC150M12
	SCC150M12NR75	SCC150M12

TYPE	Manufacturer's CODE	Drawings number
	SCC150M12EPDM35	SCC150M12EPDM
	SCC150M12EPDM45	SCC150M12EPDM
	SCC150M12EPDM60	SCC150M12EPDM
	SCC150M12EPDM65	SCC150M12EPDM
	SCC150M12EPDM75	SCC150M12EPDM
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	SCC150M16NR45	SCC150M16
	SCC150M16NR60	SCC150M16
	SCC150M16NR65	SCC150M16
	SCC150M16NR75	SCC150M16
	SCC150M16EPDM35	SCC150M16EPDM
	SCC150M16EPDM45	SCC150M16EPDM
	SCC150M16EPDM60	SCC150M16EPDM
	SCC150M16EPDM65	SCC150M16EPDM
	SCC150M16EPDM75	SCC150M16EPDM
SCC150M16Q	SCC150M16QNR45	SCC150M16QNR
	SCC150M16QNR60	SCC150M16QNR
	SCC150M16QNR75	SCC150M16QNR
SCC160M20Q	SCC160M20QNR45	SCC160M20QNR
	SCC160M20QNR50	SCC160M20QNR
	SCC160M20QNR60	SCC160M20QNR
	SCC160M20QNR75	SCC160M20QNR
SCC180M20Q	SCC180M20QNR45	SCC180M20Q
	SCC180M20QNR60	SCC180M20Q
	SCC180M20QNR75	SCC180M20Q

TYPE	Manufacturer's CODE	Drawings number
SCC181M20Q	SCC181M20QNR40	SCC181M20Q
	SCC181M20QNR50	SCC181M20Q
	SCC181M20QNR60	SCC181M20Q
SCC185M20Q	SCC185M20QNR45	SCC185M20Q
	SCC185M20QNR60	SCC185M20Q
	SCC185M20QNR75	SCC185M20Q
SCC186M20Q	SCC186M20QNR45	SCC186M20Q
SCC220M24Q	SCC220M24QNR45	SCC220M24Q
	SCC220M24QNR60	SCC220M24Q
	SCC220M24QNR75	SCC220M24Q
TYPE	Manufacturer's CODE	Drawings number
SCM060	SCM060NR35	SCM060NR
	SCM060NR45	SCM060NR
	SCM060NR60	SCM060NR
	SCM060NR75	SCM060NR
SCP60	SCM060VMQ45	SCM060VMQ
	SCM060VMQ60	SCM060VMQ
	SCM060VMQ75	SCM060VMQ
	SCP60LVMQ75300	SCP60LVMQ75-300
SCM120	SCM120NR45	SCM120NR
	SCM120NR60	SCM120NR
	SCM120NR75	SCM120NR
SCP120	SCM120VMQ45	SCM120VMQ
	SCM120VMQ60	SCM120VMQ
	SCM120VMQ75	SCM120VMQ
SCP120	SCP120LNR40	SCP120LNR
	SCP120LNR45	SCP120LNR
	SCP120LNR50	SCP120LNR
	SCP120LNR55	SCP120LNR
	SCP120LNR60	SCP120LNR
	SCP120LNR70	SCP120LNR
	SCP120LNR75	SCP120LNR
	SCP120LVMQ55300	SCP120LVMQ-300
SCP120LVMQ65300	SCP120LVMQ-300	

TYPE	Manufacturer's CODE	Drawings number
	SCP120LVMQ75300	SCP120LVMQ-300
	SCP120LVMQ75CT3	SCP120LVMQ75CT-300
SCM125	SCM125NR45	SCM125NR
	SCM125NR60	SCM125NR
	SCM125NR75	SCM125NR
	SCM125VMQ45	SCM125VMQ
	SCM125VMQ60	SCM125VMQ
	SCM125VMQ75	SCM125VMQ
SCM220	SCM220NR45	SCM220NR
	SCM220NR60	SCM220NR
	SCM220NR75	SCM220NR
	SCM220VMQ45	SCM220VMQ
	SCM220VMQ60	SCM220VMQ
	SCM220VMQ75	SCM220VMQ
	SCM220VMQ75300	SCM220VMQ75-300
SCM225	SCM225NR45	SCM225NR
	SCM225NR60	SCM225NR
	SCM225NR75	SCM225NR
	SCM225VMQ45	SCM225VMQ
	SCM225VMQ60	SCM225VMQ
	SCM225VMQ75	SCM225VMQ
	SCM225VMQ60300	SCM225VMQ60-300
SCM325	SCM325NR45	SCM325NR
	SCM325NR60	SCM325NR
	SCM325NR75	SCM325NR
	SCM325VMQ45	SCM325VMQ
	SCM325VMQ60	SCM325VMQ
	SCM325VMQ75	SCM325VMQ
SCM420	SCM420NR45	SCM420NR
	SCM420NR60	SCM420NR
	SCM420NR75	SCM420NR
	SCM420NR60RS	SCM420NR-RECHAUSSE

TYPE	Manufacturer's CODE	Drawings number
	SCM420VMQ45	SCM420VMQ
	SCM420VMQ60	SCM420VMQ
	SCM420VMQ75	SCM420VMQ
	SCM420VMQ45ZNI	SCM420VMQ45ZNI
SCM425	SCM425NR45	SCM425NR
	SCM425NR60	SCM425NR
	SCM425NR75	SCM425NR
	SCM425VMQ45	SCM425VMQ
	SCM425VMQ60	SCM425VMQ
	SCM425VMQ75	SCM425VMQ

TYPE	Manufacturer's CODE	Drawings number
SCR100M12	SCR100NR40M12	SCR100M12
	SCR100NR45M12	SCR100M12
	SCR100NR55M12	SCR100M12
	SCR100NR65M12	SCR100M12
	SCR100NR75M12	SCR100M12
	SCR100NR40INOX	SCR100M12-INOX
	SCR100NR45INOX	SCR100M12-INOX
	SCR100NR55INOX	SCR100M12-INOX
	SCR100NR65INOX	SCR100M12-INOX
	SCR100NR75INOX	SCR100M12-INOX
SCR140M16	SCR140NR35M16	SCR140M16
	SCR140NR45M16	SCR140M16
	SCR140NR55M16	SCR140M16
	SCR140NR65M16	SCR140M16
	SCR140NR75M16	SCR140M16
	SCR140NR35INOX	SCR140M16-INOX
	SCR140NR45INOX	SCR140M16-INOX
	SCR140NR55INOX	SCR140M16-INOX
	SCR140NR65INOX	SCR140M16-INOX
	SCR140NR75INOX	SCR140M16-INOX
SCR182M20	SCR182NR35M20	SCR182M20
	SCR182NR45M20	SCR182M20
	SCR182NR55M20	SCR182M20
	SCR182NR65M20	SCR182M20
	SCR182NR75M20	SCR182M20
	SCR182NR35M20INOX	SCR182M20-INOX
	SCR182NR45M20INOX	SCR182M20-INOX

TYPE	Manufacturer's CODE	Drawings number
	SCR182NR55M20INOX	SCR182M20-INOX
	SCR182NR65M20INOX	SCR182M20-INOX
	SCR182NR75M20INOX	SCR182M20-INOX