ST

Inclined marine exhaust mount designed to accommodate thermal expansion of the exhaust pipe while providing vibration isolation.



The **ST AMC-MECANOCAUCHO® marine exhaust mounts** are designed to provide **elastic support for exhaust pipes** while allowing movement caused by **thermal expansion and contraction**.

Their inclined configuration accommodates longitudinal movement of the exhaust pipe while limiting the transmission of **vibration, structure-borne noise, and mechanical loads** to the vessel structure.

The mount also incorporates a **fail-safe mechanical restraint**, designed to withstand tensile and compressive loads and keep the exhaust pipe securely supported under the dynamic loads encountered on board.

ST mounts are particularly suitable for **marine engine and generator exhaust systems** where the installation must combine **vibration isolation, freedom for thermal expansion, and mechanical safety**.

AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain
Tel.: +34 843 74 00 13
sales@amcsa.es
www.mecanocaucho.com

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Drawings

TYPE A

TYPE A FIG 1

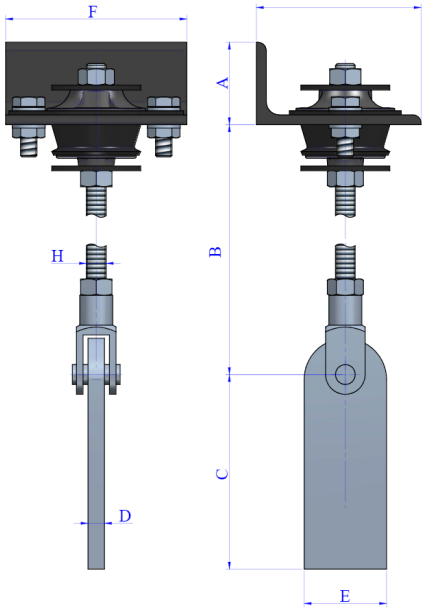
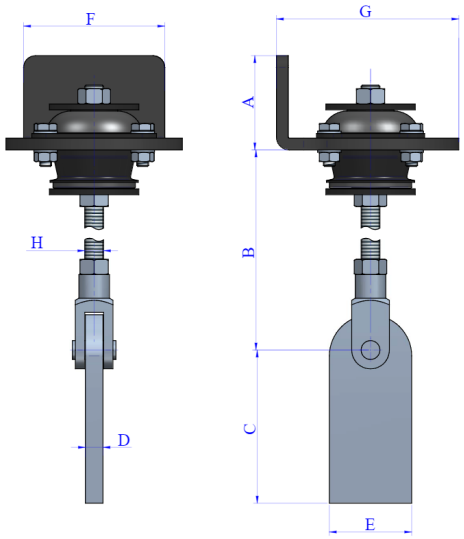


FIG 2

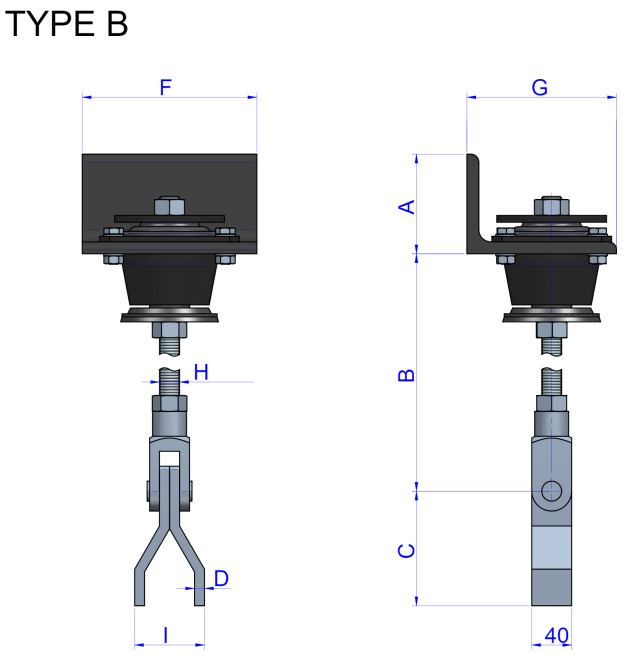


Type	Code	Descrip.	Max. Load (lbs)	A(in)	Shore	B(in)	C(in)	D(in)	E(in)	F(in)	G(in)	H(in)	I(in)	Fig.
TYPE A	709101	ST-100 45Sh	165	1.97	45 Sh	12.8	4.65	0.39	1.97	4.33	3.94	M12	-	1
	709105	ST-100 60Sh	309	1.97	60 Sh	12.8	4.65	0.39	1.97	4.33	3.94	M12	-	1
	709111	ST-150 45Sh	220	1.97	45 Sh	12.8	4.65	0.39	1.97	4.33	3.94	M12	-	1
	709115	ST-150 60Sh	397	1.97	60 Sh	12.8	4.65	0.39	1.97	4.33	3.94	M12	-	1
	709121	ST-250 40Sh	309	3.15	40 Sh	18.78	5.12	0.59	2.76	4.72	4.72	M16	-	2
	709125	ST-250 60Sh	661	3.15	60 Sh	18.78	5.12	0.59	2.76	4.72	4.72	M16	-	2
	709131	ST-500 60Sh	1102	3.15	60 Sh	18.78	5.12	0.59	2.76	4.72	4.72	M16	-	2
	709135	ST-500 70Sh	1653	3.15	70 Sh	18.78	5.12	0.59	2.76	4.72	4.72	M16	-	2

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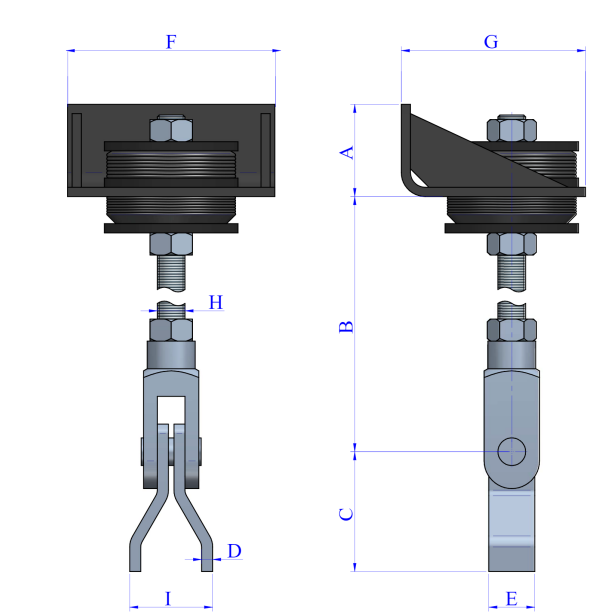
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TYPE B



Type	Code	Descrip.	Max. Load(lbs)	A(in)	Shore	B(in)	C(in)	D(in)	E(in)	F(in)	G(in)	H(in)	I(in)
TYPE B	709141	ST-1000 65Sh	2424	3.94	65 Sh	19.09	4.53	0.39	1.57	6.89	5.91	M20	1.97
	709145	ST-1000 75Sh	3438	3.94	75 Sh	19.09	4.53	0.39	1.57	6.89	5.91	M20	1.97

TYPE C

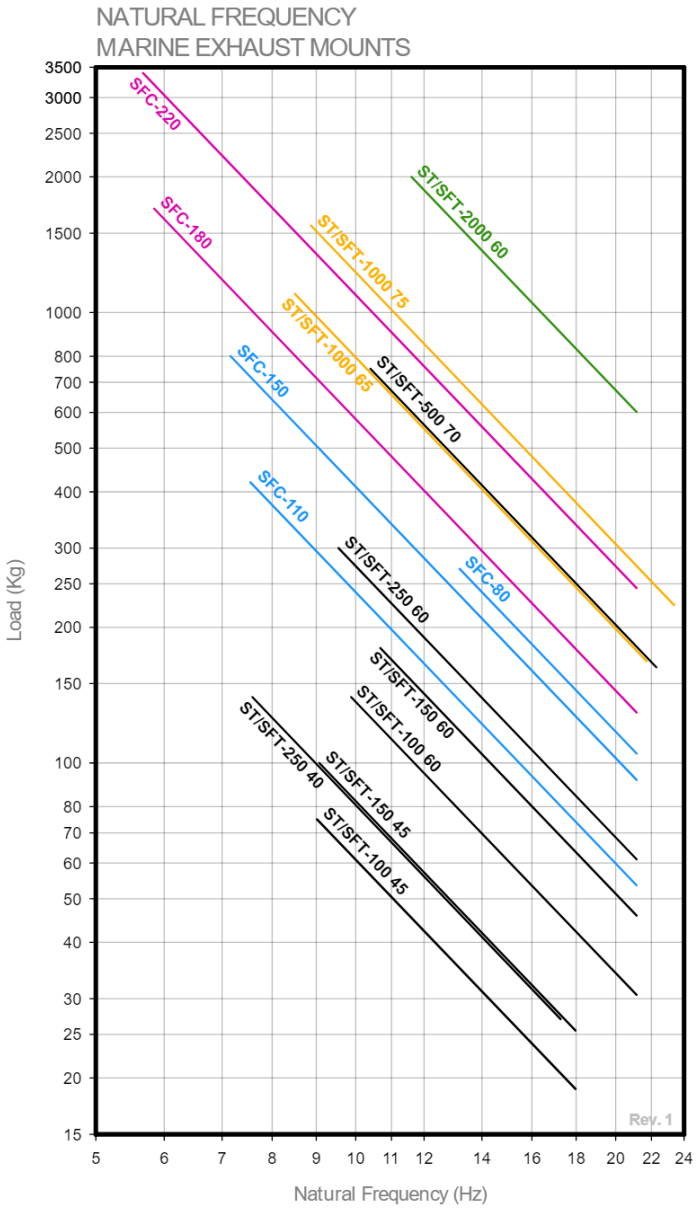


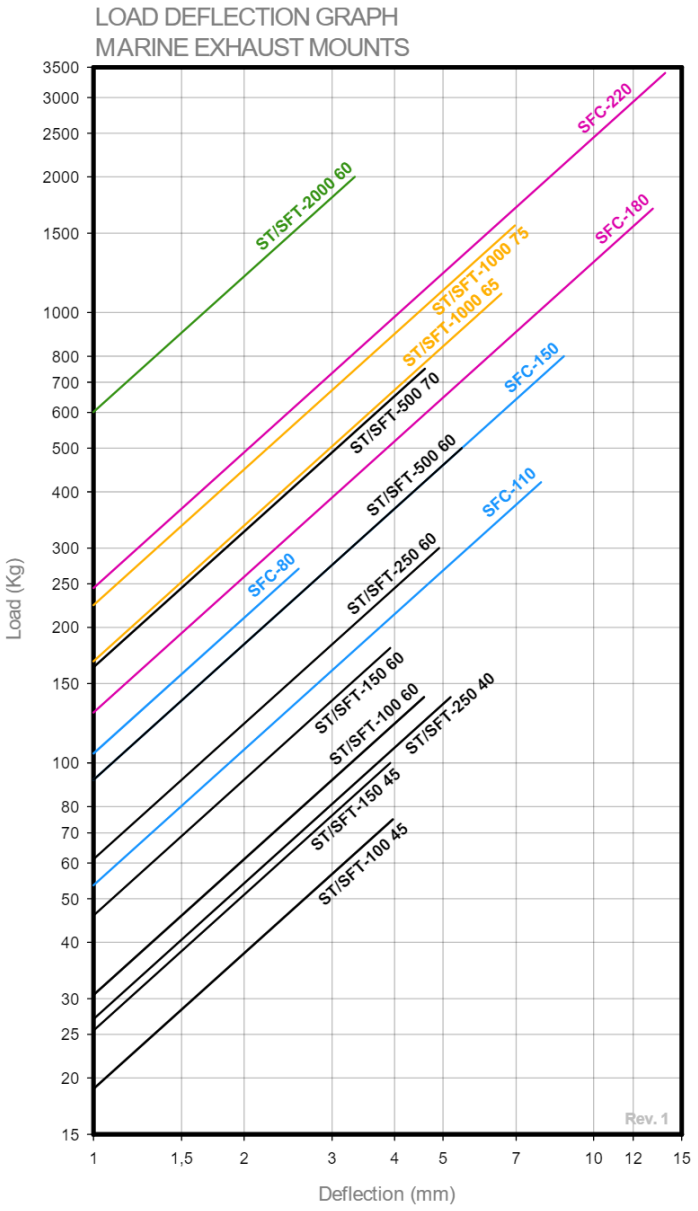
Type	Code	Descrip.	Max. Load(lbs)	A(in)	Shore	B(in)	C(in)	D(in)	E(in)	F(in)	G(in)	H(in)	I(in)
TYPE C	709151	ST-2000 60Sh	4408	3.94	60 Sh	19.69	5.12	0.47	1.97	8.86	7.87	M30	2.6

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Elastic properties





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Technical characteristics

Their particular design allows the duct to displace when exposed to thermal expansions and contractions. There are 11 different models to suit hanging loads from 40Kg to 2000Kg.

All the **ST Marine Exhaust mounts** are equipped with interlocking metal parts to withstand to high compression and traction loads. This failsafe feature provides an extra safety for the application.

Advantages

Easy installation

This mount requires no major modifications to the structure for installation.

High protection against weathering and chemical contamination

The bell housing protects the rubber from ozone and UV radiation, while also preventing contact with diesel, oils, or other chemicals that could damage it.

High robustness in dynamic applications for improved durability

These mounts offer enhanced robustness and are designed to withstand extreme load peaks. They are especially recommended when good durability is required in demanding applications.

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