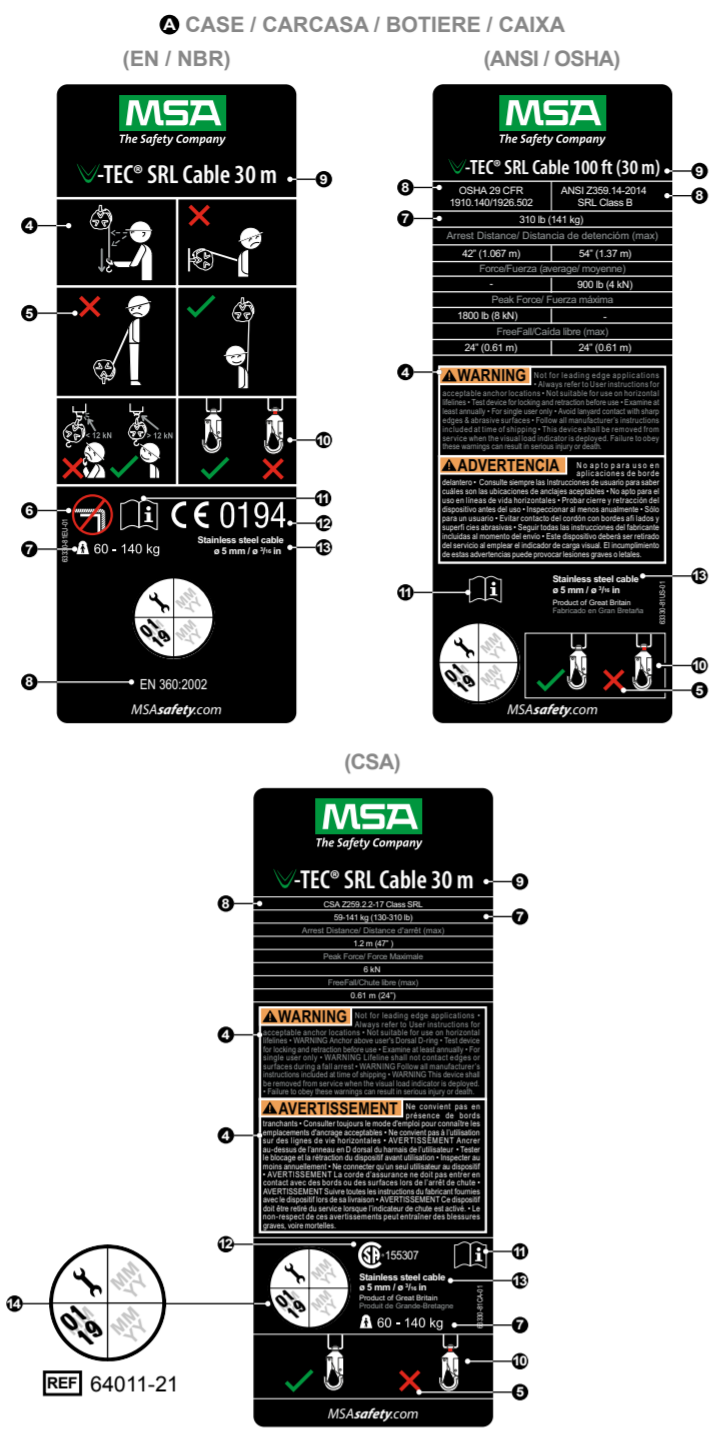


**Table 2 - System requirement/Tabla 2 - Requisito del sistema/ Tableau 2 - Exigences du système/ Tabela 2 - Requisitos do sistema**

EN Component/ ES Componente/ FR Composant/ PT Componente/	EN/ IRAM/ NBR	ANSI/ OSHA	CSA
Anchorage connector standard Norma del conector de anclaje Connecteur d'ancrage standard Conector de ancoragem padrão	EN 795 and / or TS 16415	ANSI Z359.18	CSA Z259.13 / CSA Z259.15
Harness standard Norma del arnés Harnais standard Arnês padrão	EN 361	ANSI Z359.11	CSA Z259.10
Connectors standard Norma de los conectores Connecteurs standard Conectores padrão	EN 362	ANSI Z359.12	CSA Z259.12
Structure strength Resistencia de la estructura Résistance de la structure Resistência da estrutura	12 kN	3600 lb (16 kN) certified 5000 lb (22.5 kN) non-certified	5000 lb (22.5 kN)

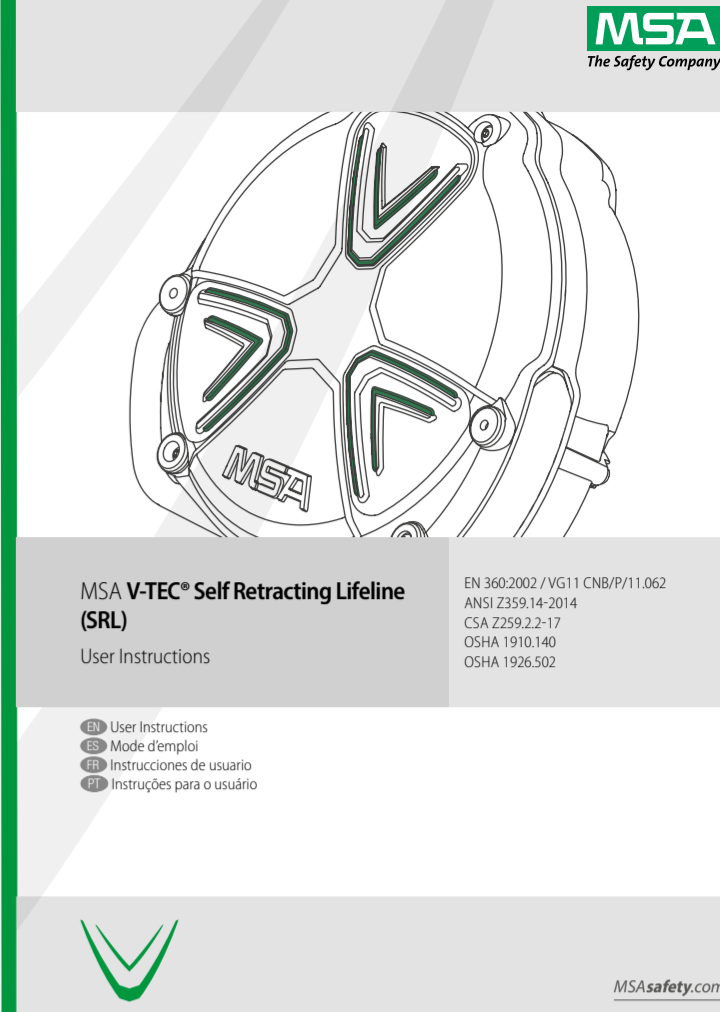


**Table 3 - Pre-use checks/Tabla 3 - Pre-acciones previas al uso/ Tableau 3 - Contrôles avant utilisation/ Tabela 3 - Verificações antes da utilização**

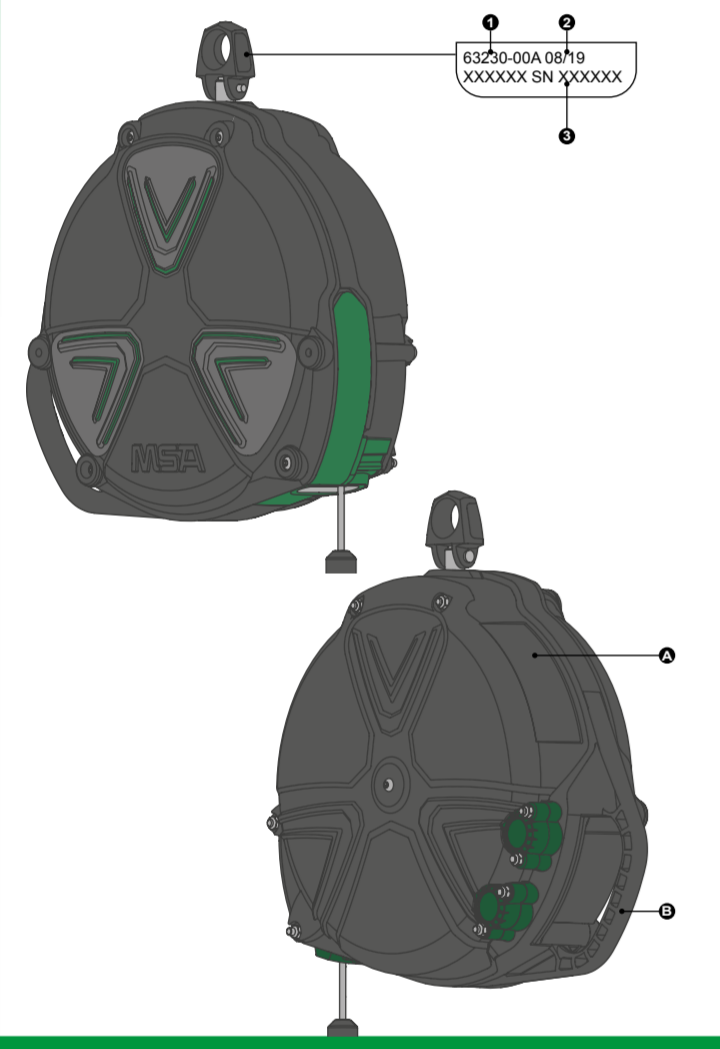
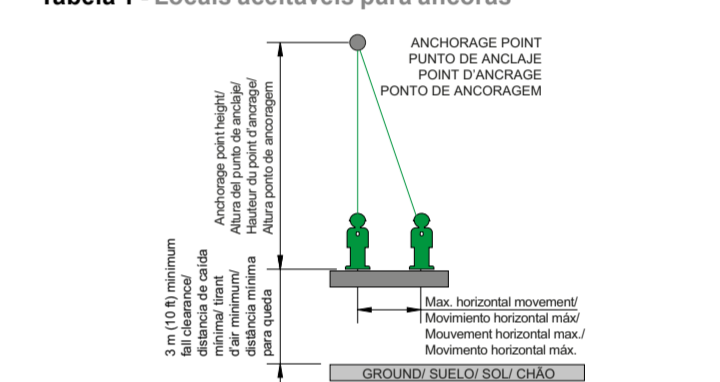
EN Pre-use checks	Method	ES Comprobaciones previas al uso	Método	FR Contrôles avant utilisation	Méthode	PT Verificações antes da utilização	Método
Load indicator	Ensure load indicator has not been deployed (Figure 1).	Indicador de carga	Asegúrese de que el indicador de carga no se ha desplegado (Figura 1).	Indicateur de charge	Vérifiez que l'indicateur de charge ne s'est pas déployé (Figure 1).	Indicador de carga	Certifique-se de que o indicador de carga não foi ativado. (Figura 1).
Examination date	Ensure date of next examination has not elapsed.	Fecha de servicio	Asegúrese de que la fecha del próximo servicio no ha vencido.	Date de l'entretien	Vérifiez que la date du prochain entretien n'est pas dépassée.	Data de assistência	Certifique-se de que a data da assistência seguinte não foi ultrapassada.
General condition	Visually inspect for excessive wear, damage, corrosion or contamination both outside and within the case. Check for legibility of labels and markings.	Estado general	Realice una inspección visual para descartar un desgaste excesivo, corrosión y suciedad tanto en el exterior como en el interior de la carcasa. Compruebe la legibilidad de etiquetas y marcados.	General condition	Inspectez visuellement l'extérieur et l'intérieur du boîtier pour détecter tout signe d'usure excessive, de dommage, de corrosion ou de contamination. Vérifiez la bonne lisibilité des étiquettes et des marquages.	Condição geral	Faça uma inspeção visual tanto do lado externo quanto do interior do estojo para identificar se há desgaste excessivo, danos, corrosão ou contaminação. Verifique se as etiquetas e símbolos estão legíveis.
Connectors and visible cable	Check all visible cable for any signs of corrosion, excessive damage or contamination. Ensure correct operation of connectors.	Conectores y cable a la vista	Compruebe todos los cables a la vista para detectar cualquier signo de corrosión, daños excesivos o suciedad. Compruebe el funcionamiento correcto de los conectores.	Connecteurs et câble visible	Vérifiez la totalité du câble visible pour détecter d'éventuels signes de corrosion, de dommage excessif ou de contamination. Vérifiez le fonctionnement correct des connecteurs.	Conectores e cabos visíveis	Controle todos os cabos visíveis para identificar qualquer sinal de corrosão, dano excessivo ou contaminação. Verifique se os conectores estão funcionando corretamente.
Extraction / retraction	Inspect line extraction and retraction by pulling out the entire length of line and letting it retract back into the housing in a controlled manner. The line operation shall be smooth and unhesitant (maintain a light tension on the lifeline whilst it retracts). Repeat three times.	Extracción / retracción	Inspeccione la extracción y retracción de la línea extrayéndola en toda su longitud y dejando que se retraiga en la carcasa de un modo controlado. La línea debe retraerse suavemente y de inmediato (mantenga una ligera presión sobre la línea de vida mientras se retrae). Repita este procedimiento tres veces.	Extraction / rétraction	Inspectez l'extraction et la rétraction de la ligne en la tirant sur toute sa longueur et en la laissant se rétracter dans le boîtier de manière contrôlée. Le fonctionnement de la ligne doit se faire de manière fluide et sans hésitation (maintenez une légère tension sur la ligne de vie pendant qu'elle se rétracte). Répétez l'opération trois fois.	Extração / retração	Inspeccione a extração e retração da linha puxando o comprimento completo da linha e deixando que ela se retraia para dentro da caixa de forma controlada. O funcionamento da linha deve ocorrer facilmente e sem hesitações (mantenha uma leve tensão da linha de vida enquanto ela se retrai). Repita o procedimento três vezes.
Lock-on	Pull sharply on the lifeline and ensure device locks. Repeat three times.	Bloqueo	Tire con firmeza de la línea de vida y asegúrese de que el dispositivo se bloquee. Repita este procedimiento tres veces.	Verrouillage	Tirez vivement sur la longe – vérifiez que le dispositif se verrouille. Répétez l'opération trois fois.	Bloqueio	Puxe bruscamente a linha de vida – certifique-se de que o dispositivo bloqueia. Repita o procedimento três vezes.

**Table 5 - Materials/Tabla 5 - Materiales/ Tableau 5 - Matériaux/ Tabela 5 - Materiales**

EN Component	EN Material
Case	Aluminium
Drum	Aluminium
Locking mechanism	Stainless steel and aluminium
Lifeline	Ø 5 mm galvanised steel or stainless steel
Connectors	Steel
ES Componente	ES Materiales
Carcasa	Aluminio
Tambor	Aluminio
Mecanismo de bloqueo	Acero inoxidable y aluminio
Línea de vida	Ø 5 mm Acero galvanizado o acero inoxidable
Conectores	Acero
FR Composant	FR Matériaux
Boîtier	Aluminium
Tambour	Aluminium
Mécanisme de verrouillage	Acier inoxydable et aluminium
Ligne de vie	Ø 5 mm Acier galvanisé ou acier inoxydable
Connecteurs	Acier
PT Componente	PT Materiais
Caixa	Aluminium
Tambor	Aluminium
Mecanismo de bloqueio	Aço inoxidável e alumínio
Linha de vida	Ø 5 mm aço galvanizado ou aço inoxidável
Conectores	Aço



**Table 1 - Acceptable anchor locations/Tabla 1 - Ubicaciones aceptables para el anclaje/ Tableau 1 - Points d'ancrage acceptables/ Tabela 1 - Locais aceitáveis para âncoras**



**Product Marking/Marcado del producto/Marquage du produit/ Marcação no Produto**

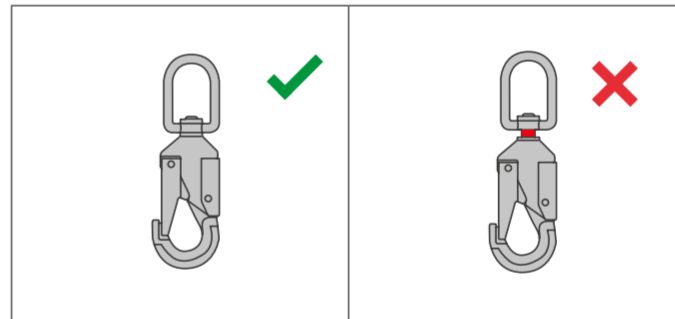
	EN	ES	FR	PT	
1	REF	Model number	Número de modelo	Numéro de modèle	Número do modelo
2	☞	Date of manufacture MM/YY	Fecha de fabricación MM/YY	Date de fabrication MM/YY	Data de fabrico MM/YY
3	SN	Serial number	Número de serie	Numéro de série	Número de série
4	⚠	Product warning	advertencia Producto	Avertissement de produit	Advertência do produto
5	⊘	Do not use	No utilizar	Ne pas utiliser	Não utilizar
6	⊘	Do not use over an edge	No utilizar sobre una arista	Ne jamais utiliser au-dessus d'un rebord	Não utilizar sobre arestas
7	⊘	Capacity	Capacidad	Capacité	Capacidade
8	⊘	Standard	Norma	Standard	Norma
9	⊘	Length	Longitud	Longueur	Comprimento
10	⊘	Load indicator	Indicador de carga	Indicateur de charge	Indicador de carga
11	⊘	Read user instructions	Leer las instrucciones para el usuario	Lire les instructions d'utilisation	Ler instruções do usuário
12	⊘	Notified body number	Número del organismo notificado	Numéro de l'organisme notifié	Número de organismo notificado
13	⊘	Lifeline construction	Construcción de la línea de vida	Construction des lignes de vie	Fabrico da linha de vida
14	⊘	Date of next examination	Fecha de próxima revisión	Date du prochain entretien	Data da próxima inspeção

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**Production control phase/ Fase de control de producción/ Phase de contrôle de la production/ Fase de controlo de produção**  
INSPEC Certification Services, 56 Leslie Hough Way, Greater Manchester, M6 6AJ, UK. **Number 0194.**

**Notified bodies/ Organismos notificados/ Organismes notifiés/ Organismos notificados**  
EN & ANSI: SATRA Technology Europe Ltd, Bracetown Business Park, Clonee, D15 YN2P, Ireland. **Number 2777.**  
CSA: CSA International, CSA Group, 178 Rexdale Boulevard, Toronto, Ontario, Canada, M9W 1R3. **Number 155307.**  
Latchways plc, An MSA company, Hopton Park, Devizes, Wiltshire, SN10 2JP, United Kingdom  
Phone: **+44 (0)800 066 2222** Email: **info.gb@MSAsafety.com**

**Figure 1 - Load indicator / Figura 1 - Indicador de carga / Figure 1 - Indicateur de charge/ Figura 1 - Indicador de carga**



system requirements). A full body harness is the only acceptable body holding device to be used with a V-TEC SRL. If supplied as part of a complete system, components shall not be substituted.

**3 Installation and use**

A written rescue plan and the means to implement it shall be in place to deal promptly with emergencies that may arise during use. The connector shall be connected to a designated fall arrest attachment of a full body harness. Ensure both V-TEC SRL connectors are compatible with the attachments to which they are connected (to prevent roll-out) and are fully closed and locked before use. See **Table 2** for system requirements.

Ensure the V-TEC SRL is attached to a compatible anchor. The handle ⊘ shall not be used as an anchorage point. Flexible anchors, such as cantilever structures, can affect the ability of the V-TEC SRL to lock-on in the case of a fall. For further clarification, contact MSA.

In use, the V-TEC SRL lifeline will extract and retract without hesitation. Do not allow the lifeline to pass through legs or under arms, or wrap around structure. If the lifeline does not retract in use, fully extract the lifeline and slowly allow it to retract. If the lifeline continues to hesitate in retraction, contact MSA.

When not in use, store with the lifeline fully retracted as prolonged periods of full extraction may weaken the retraction spring. If the lifeline is released, the retraction dampener will prevent excessive speed and protect internal parts from damage. The connector may still strike objects in its path, causing damage to those objects and to the connector.

**4 Fall clearance**

Ensure sufficient clearance exists to prevent striking an obstacle or leading edge (e.g., crossbeams and girders) during a fall. Insufficient clearance, obstructions and leading edges can prevent the function of the V-TEC SRL.

To reduce the risk of a swing fall, where striking objects can cause serious injury, it is preferable to anchor directly above the User. The minimum fall clearance is 3 m (**Table 1**). Fall clearance is calculated as the vertical distance between the working platform and the first obstacle below (such as the next platform or ground). For overhead use only. Working limits vary based on anchor location as shown in **Table 1**.

If the V-TEC SRL is attached to an anchor that may deflect or deploy in a fall, such as a deadweight anchor or an anchor line, the additional deployment of that device shall be added to the minimum clearances specified in **Table 1**.

To reduce the potential for injury in a fall, the fall distance should be minimised.

**5 Cleaning maintenance and storage**

If required, the V-TEC SRL exterior and lifeline may be cleaned using a damp cloth and warm water (max 40°C), and allowed to dry naturally before use. Excessive build-up of dirt, paint, etc. can compromise both retraction and strength of the lifeline. Use of cleaning solvents may adversely affect the product appearance or performance, and should be avoided. Store or transport the V-TEC SRL in a cool, dry, clean environment, away from dust, oil and direct sunlight. During transportation, the device shall be protected to prevent damage or contamination. Examine the V-TEC SRL after long periods of storage prior to returning it to service.

**6 Pre-use checks and periodic examination (Table 3)**

The safety of the User relies upon the continued efficiency and durability of the equipment, therefore pre-use checks (**Table 3**) shall be completed before each use. Periodic examinations shall be completed by a person, other than the User, competent in the examination of V-TEC SRLs, in accordance with the manufacturer's

instructions. The interval will be dictated by the usage (**Table 4**), local regulations or environmental conditions and will be at least annually. Record shall be kept of the results of the examination. An example periodic examination log can be downloaded from this product's page on **MSAsafety.com** by clicking on the Literature tab.

**Table 4 Periodic examination interval**

Usage	Interval
Infrequent to light	Annually (12 months)
Moderate to heavy	Semi-annually to annually (6-12 months)
Severe to continuous	Quarterly to semi-annually (3-6 months)

Usage shall be determined by a competent person.

**Maximum product life:**  
The V-TEC SRL's service life is determined by the device condition as prescribed by pre-use checks and periodic examinations; there is no fixed service life. Continued use is dependent upon passing pre-use checks and periodic examinations. Service life may be reduced by frequency and conditions of use or local regulations. Prior to return to service, the manufacturer or Technician shall confirm, in writing, that the V-TEC SRL has passed examination. V-TEC SRLs that have arrested a fall or are unable to pass an inspection shall be tagged "unusable" and passed to a Technician for repair or disposal.

\*Date of first use shall be administratively provable. Where the date of first use is unknown, then the next previous administratively provable date shall be used, e.g., date of purchase or date of manufacture.

- Competent person: a person, other than the User, competent in the examination of PPE in accordance with MSA's instructions.
- Technician: a person, other than the User, who is trained and authorised by MSA to examine, repair and factory recertify V-TEC SRLs in accordance with MSA's instructions.

