

ANSI Self-Retracting Devices

Z359.14-2014 SRD Types and Classes



ANSI Standards Body and Standards Process

ANSI/ASSE Z359 standards are developed through a consensus process involving a representative group of users, manufacturers – including MSA, and other stakeholders. The actual Z359 family of standards were created by the American Society of Safety Engineers as secretariat under criteria provided by ANSI. The adoption of ANSI standards by employers, while best practice, is completely voluntary.

Originally published in 2012, ANSI Z359.14 defined both classes and types of Self Retracting Devices (SRD). The latest edition of Z359.14 – the 2014 edition – was published in February 2015.

What Are Types and Classes?

ANSI Z359.14 defines types and classes of Self-Retracting Devices (SRDs). Note that “Personal Fall Limiter” or “PFL” is an industry label typically used for a smaller SRD that is worn with the unit attached to the user’s harness. It is not an ANSI-defined term.

Each ANSI SRD has a type and a class as follows.

SRD Types

- SRL: Self-Retracting Lanyard
- SRL-R: SRL with integral rescue capability
- SRL-LE: SRL with leading edge capability

SRD Classes

- A: Shorter Arrest Distance (24”) / Higher Arrest Force (1350 lbs)
- B: Longer Arrest Distance (54”) / Lower Arrest Force (900 lbs)



Summary of MSA Products by Type and Class

Product Name	Type	Class
Latchways Leading Edge SRL	SRL-LE	B
Workman Mini PFL	SRL	A
Workman Rescuer	SRL-R	B
Latchways SRL / PFL / Mini PFL	SRL	B
Workman SRL / PFL / Twin PFL	SRL	B
Latchways Sealed SRL	SRL	B