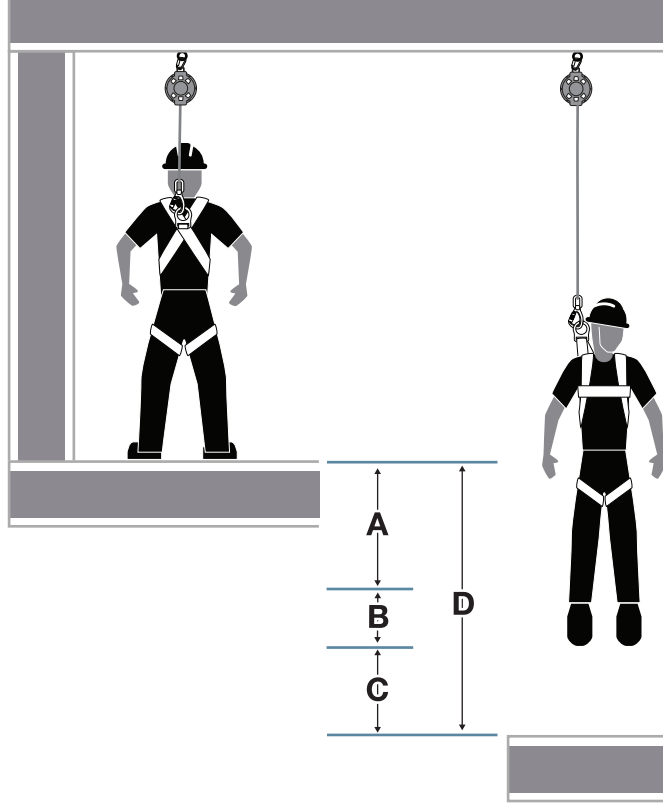
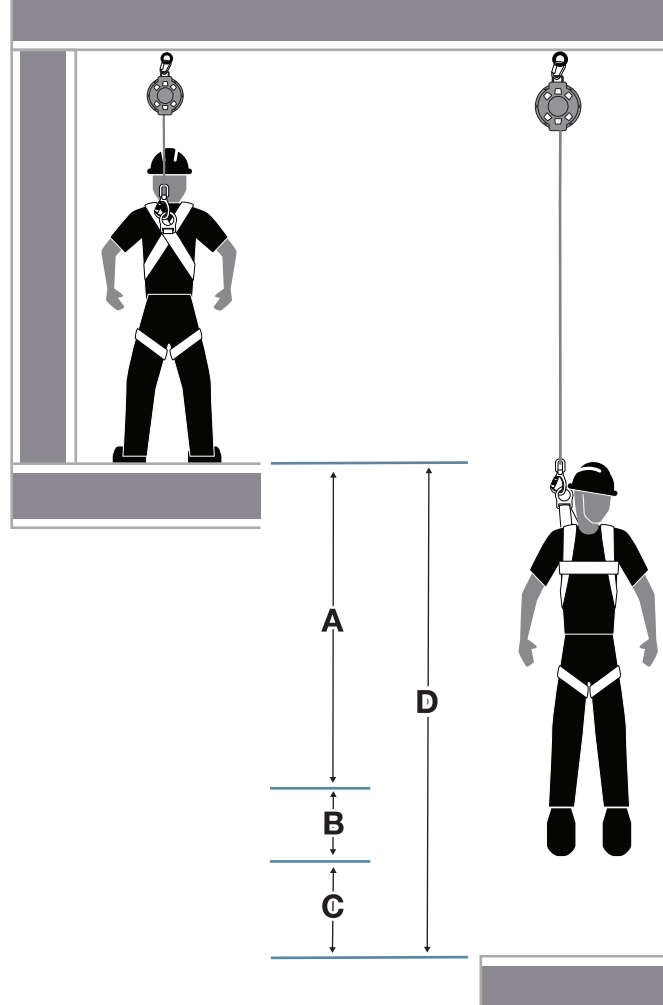


# CALCULATING FALL CLEARANCE

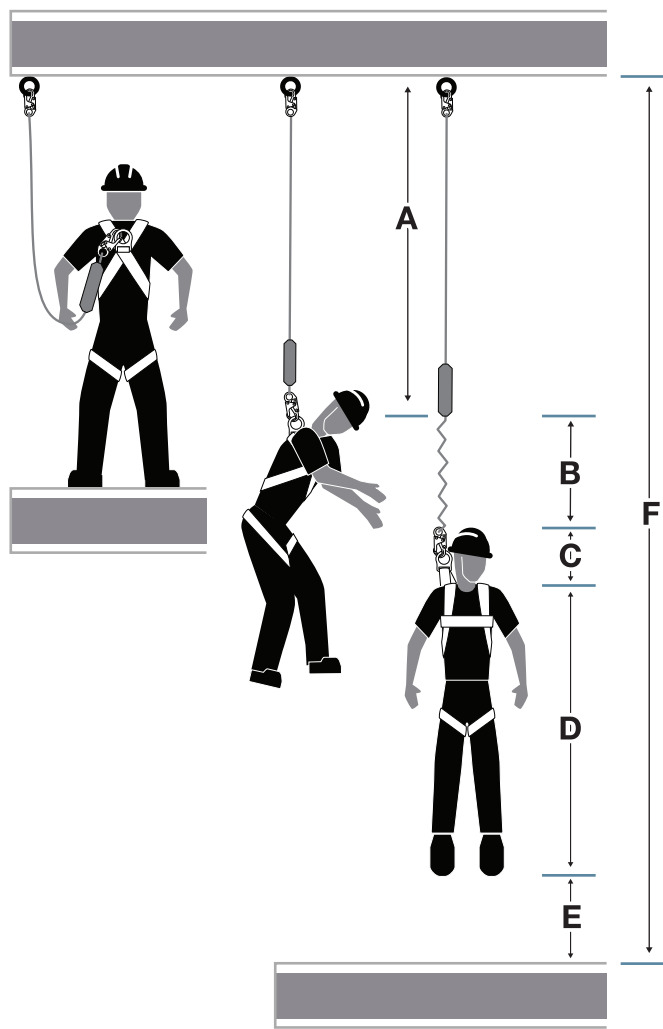
## ANSI Class-A Self Retracting Lifelines Overhead Anchorage

<b>A</b>	2 ft	<b>Activation/Deceleration Distance</b> Maximum allowable length of lifeline that may payout from the SRL once user deceleration has begun after a fall event	
<b>B</b>	1 ft	<b>Harness Stretch/D-Ring Shift</b> Combined amount of harness webbing elongation and dorsal D-ring up-shift during entire fall event	
<b>C</b>	1½ ft	<b>Safety Factor</b> Added length to account for other factors such as an improperly adjusted harness, actual worker height or worker weight	
<b>D</b>	4½ ft	<b>Total Minimum Required Fall Clearance</b>	

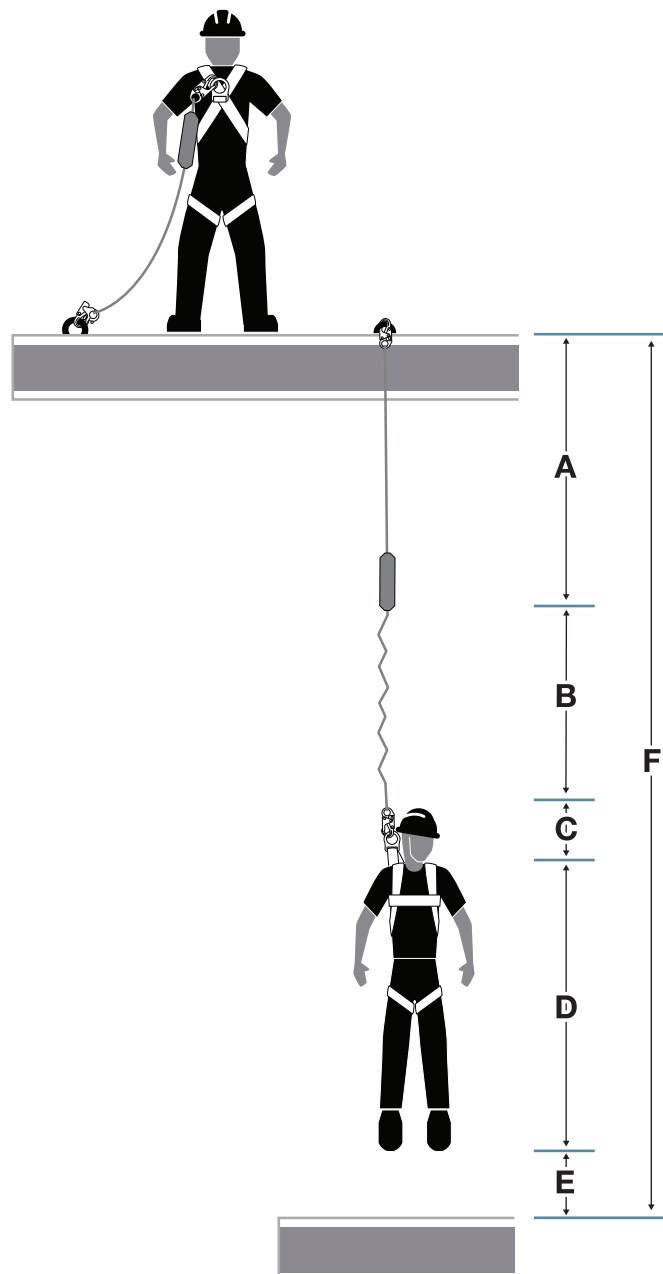
## ANSI Class-B Self Retracting Lifelines Overhead Anchorage

<b>A</b>	4½ ft	<b>Activation/Deceleration Distance</b> Maximum allowable length of lifeline that may payout from the SRL once user deceleration has begun after a fall event	
<b>B</b>	1 ft	<b>Harness Stretch/D-Ring Shift</b> Combined amount of harness webbing elongation and dorsal D-ring up-shift during entire fall event	
<b>C</b>	1½ ft	<b>Safety Factor</b> Added length to account for other factors such as an improperly adjusted harness, actual worker height or worker weight	
<b>D</b>	7 ft	<b>Total Minimum Required Fall Clearance</b>	

## 6' Free Fall Energy Absorbing Lanyard Overhead Anchorage

<b>A</b>	6 ft	<b>Lanyard Length</b> Original working length before a fall event occurs and before activation of energy absorber	
<b>B</b>	4 ft	<b>Deceleration Distance</b> Maximum allowable elongation that may payout from the energy absorber upon activation during a fall event	
<b>C</b>	1 ft	<b>Harness Stretch/D-Ring Shift</b> Combined amount of harness webbing elongation and dorsal D-ring up-shift during entire fall event	
<b>D</b>	5 ft	<b>Dorsal D-ring Height</b> Typical average height of the user's Dorsal D-Ring measured from the walking/working surface up	
<b>E</b>	1½ ft	<b>Safety Factor</b> Added length to account for other factors such as an improperly adjusted harness, actual worker height or worker weight	
<b>F</b>	17½ ft	<b>Total Minimum Required Fall Clearance</b>	

## 12' Free Fall Energy Absorbing Lanyard Foot Level Anchorage

<b>A</b>	6 ft	<b>Lanyard Length</b> Original working length before a fall event occurs and before activation of energy absorber	
<b>B</b>	5 ft	<b>Deceleration Distance</b> Maximum allowable elongation that may payout from the energy absorber upon activation during a fall event	
<b>C</b>	1 ft	<b>Harness Stretch/D-Ring Shift</b> Combined amount of harness webbing elongation and dorsal back D-ring up-shift during entire fall event	
<b>D</b>	5 ft	<b>Dorsal D-ring Height</b> Typical average height of the user's Dorsal D-Ring measured from the walking/working surface up	
<b>E</b>	1½ ft	<b>Safety Factor</b> Added length to account for other factors such as an improperly adjusted harness, actual worker height or worker weight	
<b>F</b>	18½ ft	<b>Total Minimum Required Fall Clearance</b>	

**Warning:** Fall Clearance calculations shown above do not account for additional fall clearance distances caused by Swing Fall; see owner's manual for details.