

# Description of system SKG-BLOCK

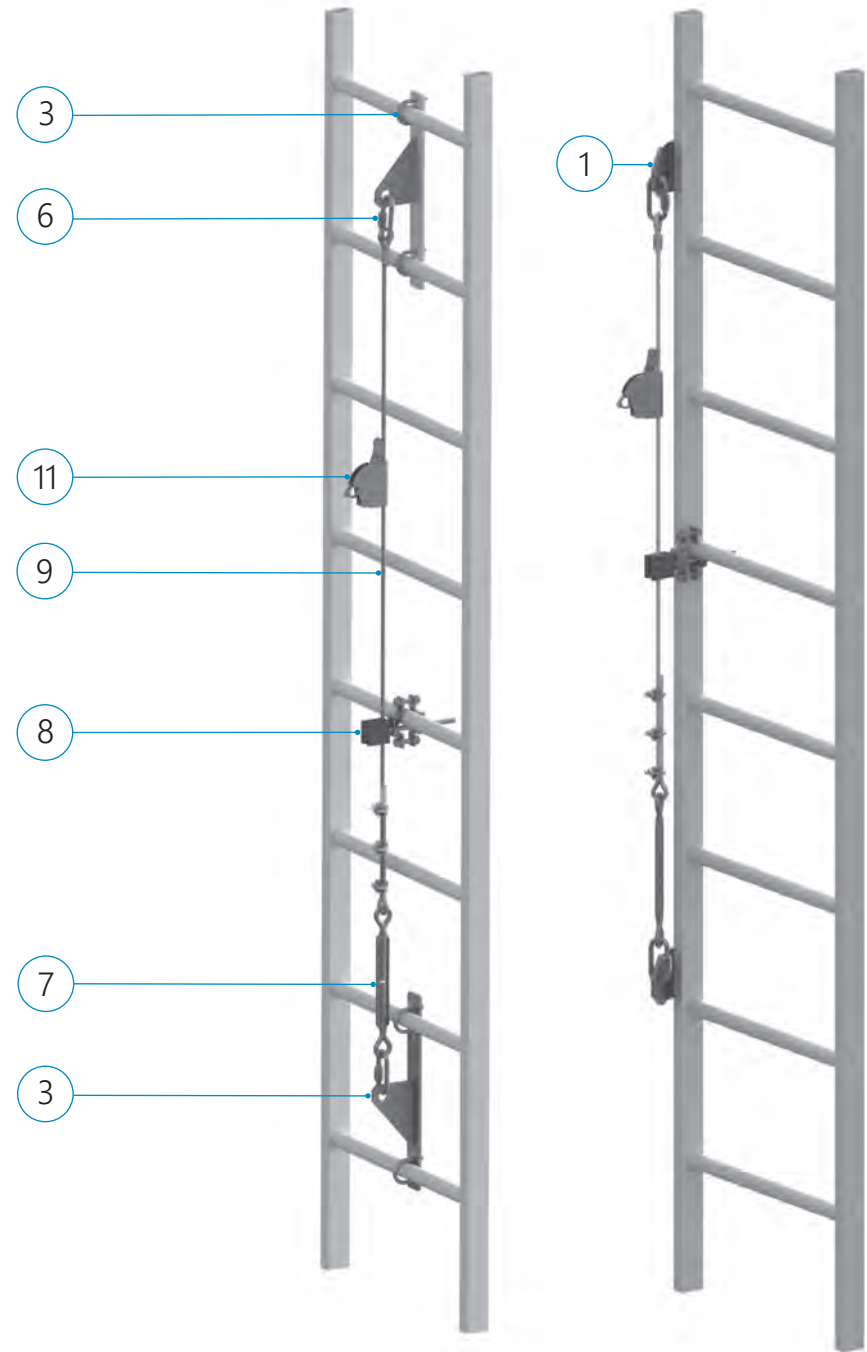
Permanent vertical anchorage system SKG-BLOCK is a guided type fall arrester with a stiff guide and an energy absorbing and connecting component according to EN 363. System SKG-BLOCK conforms to Directive 89/686/EEC. General system configuration is shown in figure on the right. The system comprises vertical line guide made of stainless steel cable of 8 mm in diameter (ref. AC 850). Lower end of the line guide is equipped with a tensioner made of stainless steel (ref. AC 910). Upper end of the line guide is mounted on a fixed structure by means of stainless steel connector AZ 090. Vertical line guide of up to 10 m in length is equipped with line guide-wire (ref. AC 921) to protect line guide against vibrations caused by e.g. wind. Slide (ref. AC 350) is user's personal equipment installed on the guide if a fall protection system is to be used. The slide travels along the line up and down as with user's normal mobility, and in the case of his/her fall it is locked on the line to arrest the fall.

Movable anchor point

AC 350

guided type mechanism

11



Components of  
System SKC-BLOCK

AT 160/AT160-i  
side mounting plate (galva-  
nized steel / stainless steel)

1



AT 161/AT 161-i  
4-point mounting plate for  
rungs (galvanized steel / stain-  
less steel)

2



AT 163/AT 163-i  
6-point mounting plate for rungs  
(galvanized steel / stainless steel)

3



AT 165  
6-point mounting beam for  
rungs (galvanized steel)

4



AT 162/AT 162-i  
2-point mounting plate for  
rungs (galvanized steel / stain-  
less steel)

5



AZ 090  
connector (stainless steel)

6



AC 910  
tensioner (stainless steel)

7



AC 921  
line guide-wire

8



AC 850  
line guide  
(stainless steel)

9



AC 804 / AC 803  
information plates  
(stainless steel / PCV)

10

