



Accumulator chain with AFS-Clip



Omega drive

Accumulator chain AFS – optimal equipment and finger protection

- Prevents small parts from entering into gaps between conveyor rollers
- Increases operational safety
- Covers danger zone in chain deflection range as well
- Both-way deflections (e.g. with omega drives) still possible
- Can be supplied with different diameters and in various materials

Accumulator chains have a so-called conveyor roller on every other pitch. This is required for the transport of the material to be conveyed and ensures the smoothly running of the chain under the goods during accumulation without damaging them.

The chain link joint between the conveyor rollers constitutes a larger gap into which small parts might enter and then damage the chain or the entire system. Depending on the respective

application area, there is also the danger of fingers reaching into these gaps and thus causing injuries.

An accumulator chain with AFS clip ensures a trouble-free operation of conveyance and assembly systems and contributes considerably to operational safety according to effective machinery directives. For due to the flat design of the AFS clip the gap between the conveyor rollers is completely closed. The two-piece clip is mounted by snapping it onto the chain bushing of the inner link also covering the danger zone in the deflection range of the chain. Therefore both-way deflections, e.g. with omega drives, are still possible.

Depending on the respective application, conveyor rollers with different diameters made of various materials (steel, PA 6.6, PA 12 antistatic) can be supplied.

Accumulator chains can also be supplied in stainless steel, as maintenance-free MARATHON chains as well as in duplex or triplex designs.

AFS-Clips – Retrofitting for safety

For standard accumulator chains with conveyor roller diameters of 24 mm and 26 mm



The two-piece clip is mounted by simply snapping it onto the chain bushing of the inner link.

Due to the flat design of the AFS clip the construction-related gap between the conveyor rollers is completely closed. Hence equipment and finger protection is considerably increased.

Retrofitting of this innovative and easily mountable protective safety feature is possible for every standard accumulator chain with conveyor roller diameters of 24 mm and 26 mm. The two-piece clip is mounted by simply snapping it onto the chain bushing of the inner link. No tools are necessary since the pieces can easily be snapped directly onto the chain from the

top. The correct position is guaranteed by a clear locking in place of the clip during mounting. Owing to its innovative hinge system it also covers the danger zone in the deflection range of the chain. Therefore both-way deflections, e.g. for omega drives, are possible.

Thus the wear-resistant AFS clips ensure a trouble-free operation of conveyance and assembly systems and contribute considerably to operational safety according to effective machinery directives.