

Poruchy řetězového převodu

Kettenantriebsfehler

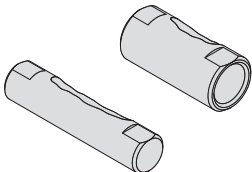
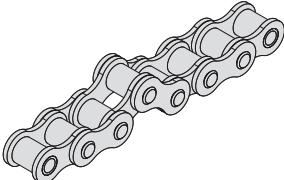
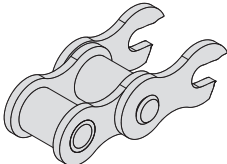
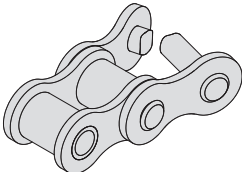
Troubleshooting guide

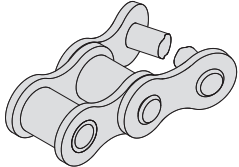
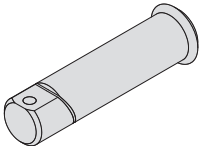
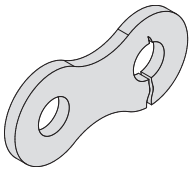
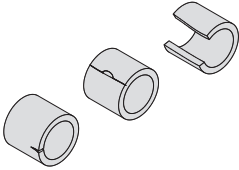
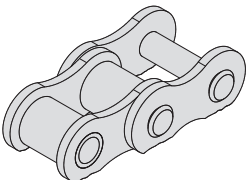
Неисправности цепной передачи

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Warning:

- The below chart shows the most common chain failures and defects, their causes and suggestions for their removal.
- Please note that the stated data may not be the only failures, malfunctions and suggestions for overcoming them.

Problem	Possible causes of the trouble	What to do
<p>pin or bush galling</p> 	<p>overload inadequate lubrication</p>	<p>replace chain when elongation exceeds functional limits proper lubrication</p>
<p>turned pins or bushes</p>	<p>overload, inadequate lubrication</p>	<p>immediately replace chain</p>
<p>excessive noise</p>	<p>too little or too much slack chain obstruction loose chain guide broken bearing</p>	<p>adjust centers and re-tension chain check the alignment inspect and remove obstruction tighten screws, check bearings</p>
<p>chain vibration</p>	<p>excessive chain slack centre distance too long stiff links</p>	<p>adjust chain tension install one tensioner more lubricate or replace chain</p>
<p>wear on the inside of inner plates and one side of sprocket teeth</p>	<p>misalignment</p>	<p>Realign sprockets and shafts replace chain and sprockets, if necessary</p>
<p>chain stiffens - tight joints</p> 	<p>excessive load misalignment inadequate lubrication corrosion</p>	<p>replace chain for one with a higher strength inspect alignment of shafts and sprockets clean chain, proper lubrication replace chain for one with corrosion resistance</p>
<p>chain climbs sprocket teeth</p>	<p>excessive chain wear excessive chain slack inadequate lubrication sprocket wear</p>	<p>replace chain, install one tensioner more if necessary replace sprocket</p>
<p>fractured plate</p> 	<p>extreme overload</p>	<p>check the chain drive / conveyor to determine the cause of the overload replace chain for one with a higher strength</p>
<p>broken pins</p> 	<p>extreme overload</p>	<p>check the chain drive / conveyor to determine the cause of the overload replace chain for one with a higher strength</p>

Problem	Possible causes of the trouble	What to do
<p>Broken pins (in the middle)</p> 	<p>load greater than pins dynamic capacity</p>	<p>check the chain drive / conveyor to determine the cause of the overload replace chain for one with a higher strength</p>
<p>Broken offset pin</p> 	<p>overload</p>	<p>Offset links are not recommended to use, replace the chain for one with a higher strength</p>
<p>fatigue failure</p> 	<p>load greater than chain's dynamic capacity</p>	<p>check the chain drive / conveyor to determine the cause of the overload replace chain for one with a higher strength</p>
<p>broken / cracked rollers</p> 	<p>foreign material between chain and sprocket teeth fatigue fracture</p>	<p>redesign chain speed and its load shield chain against foreign matter</p>
<p>worn plates</p> 	<p>bottom of plates worn due to rubbing on guides</p>	<p>chain should be replaced when wear is more than 3 % of the plate height</p>