





9 Creep

Phenomena, causes and countermeasures		Examples of failures
Phenomena	<ul style="list-style-type: none"> Creep is the displacement during operation of a bearing ring, relative to the shaft or housing. 	<ul style="list-style-type: none"> Creep of Deep Groove Ball Bearing inner ring  <p style="text-align: right; font-size: small;">(A-6726)</p> Creep of Deep Groove Ball Bearing outer ring  <p style="text-align: right; font-size: small;">(A-6957)</p> Creep of Double-Row Cylindrical Roller Bearing inner ring  <p style="text-align: right; font-size: small;">(A-6647)</p> Creep of Tapered Roller Bearing inner ring  <p style="text-align: right; font-size: small;">(A-6616)</p>
Causes	<p>Creep occurs when interference is too small in relation to the heat or load generated during operation.</p>	
Countermeasures	<p>Review of interference between inner ring and shaft and between outer ring and housing. (Increase of interference.)</p>	