

GEAR REDUCER SERIES

齒輪減速機一般故障原因及改善方法

Solutions and Reasons for Gear Reducer General Faults

故障情形 Fault Description	故障原因 Reasons	解決方法 Solutions
減速機過熱 Over-heating	<ul style="list-style-type: none"> ◆超負荷運轉 ◆油封過度磨擦 ◆出力軸與傳動裝置連接不當 ◆衝擊荷重大 ◆ Overload. ◆ Over friction of oil seal. ◆ Improper connection between driving shaft and the transmission device. ◆ Large impact loading. 	<ul style="list-style-type: none"> ◆調整至適當負荷 ◆在油封處滴潤滑油 ◆調整至適當位置 ◆更換較大型號減速機 ◆ Adjust to proper loading. ◆ Drop lubricat at oil seal. ◆ Adjust to proper position. ◆ Use larger reduction gears.
減速機雜音 Noise	<ul style="list-style-type: none"> ◆超負荷運轉 ◆軸承損傷或間隙過大 ◆潤滑油不足或劣化 ◆出力軸與傳動裝置連接不當 ◆螺栓鬆脫 ◆傳動裝置固定不良 ◆ Overload. ◆ Bearing damaged or too large clearance. ◆ Lubricant oil shortage or deterioration. ◆ Shaft and the transmission device improper connection between driving. ◆ Bolt loose. ◆ Improper installation of transmission device. 	<ul style="list-style-type: none"> ◆調整至適當負荷 ◆更換軸承 ◆依指示加入適量潤滑油 ◆調整至適當位置 ◆旋緊螺栓 ◆傳動裝置固定 ◆ Adjust to proper loading. ◆ Replace bearing. ◆ Fill in adequate lubricant oil as indication. ◆ Adjust to proper position. ◆ Tighten bolt. ◆ Fix transmission device properly.
漏油 Oil leakage	<ul style="list-style-type: none"> ◆油封損傷 ◆油量過多 ◆螺絲鬆脫 ◆外殼破裂 ◆ Oil seal damaged. ◆ Too much oil. ◆ Screw loose. ◆ Outer shell fractured. 	<ul style="list-style-type: none"> ◆更換油封 ◆依指示加入適量潤滑油 ◆旋緊螺栓 ◆更換外殼 ◆ Replace oil seal. ◆ Fill in adequate lubricant oil as dication. ◆ Tighten screw. ◆ Replace outer shell.
出力軸不轉 Output shaft cannot rotate	<ul style="list-style-type: none"> ◆超負荷運轉 ◆軸承損傷 ◆異物嵌入 ◆齒輪磨損 ◆馬達損壞 ◆配線錯誤 ◆衝擊荷重過大 ◆ Overload. ◆ Bearing damaged. ◆ Invasion by foreign objects. ◆ Gear worn-out. ◆ Motor out of order. ◆ Incorrect wiring. ◆ Large impact loading. 	<ul style="list-style-type: none"> ◆調整至適當負荷 ◆更換軸承 ◆取出異物 ◆更換齒輪 ◆修復馬達 ◆依指示配線 ◆更換較大型號減速機 ◆ Adjust to proper loading. ◆ Replace bearing ◆ Take out foreign objects. ◆ Replace gear. ◆ Repair motor ◆ Wiring as indication. ◆ Use larger sized gear reducer.

以上所列為一般故障原因，如有其它故障情形時，請與本公司聯絡。

The above items are general fault descriptions. In case of other kinds of faults, please contact with us.