

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.