

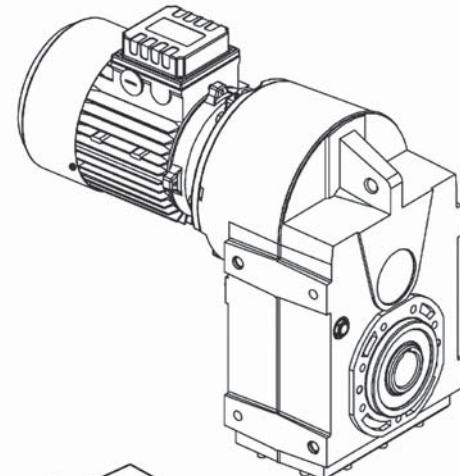


## S型 軸上齒輪減速機

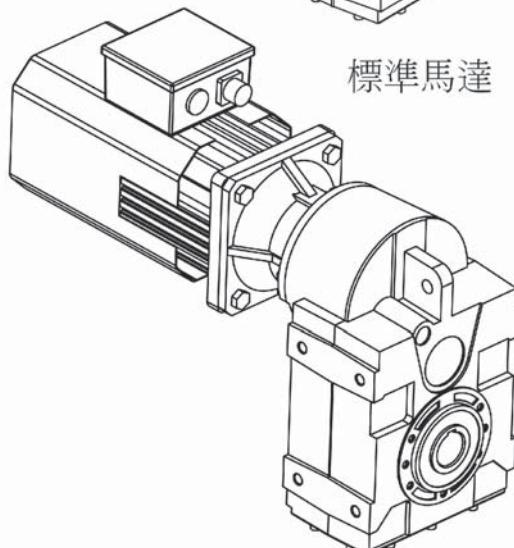
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### Symbols: 代號說明

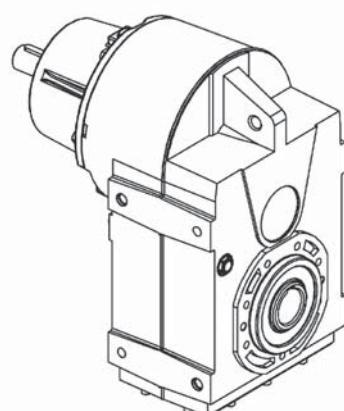
|                      |      |
|----------------------|------|
| P = Power ( Kw )     | 馬力   |
| M = Torque ( Nm )    | 扭力   |
| n = Speed ( Rpm )    | 轉速   |
| i = Reduction ratio  | 減速比  |
| F = Load ( N )       | 負載   |
| m = Weight ( Kg )    | 重量   |
| f.s. =Service factor | 安全係數 |
| 1 = Input shaft      | 入力軸  |
| 2 = Outpur shaft     | 出力軸  |
| r = Radial           | 徑向   |
| a = Axial            | 軸向   |
| s = Static           | 靜態   |
| d = Dynamic          | 動態   |
| max = Maximum        | 最大   |
| min = Minimum        | 最小   |



標準馬達



伺服馬達



入力軸型

**Symbols / 代號說明****摩 托 迪 克**

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|                  |     |
|------------------|-----|
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| 1 = Input shaft  | 入力軸 |
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| r = Radial       | 徑向  |
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| d = Dynamic      | 動態  |

**Surface treatment specifications / 表面處理說明****摩 托 迪 克**

Motovario 產品的表面處理技術如下：

### 鑄鋁合金齒輪箱體(外殼)

澆鑄材料經過以下幾項表面清理過程：

- 表面拋光去毛處理
- 精確噴砂處理
- 塗油漆處理
- 洗滌及鈍化處理

### 灰鑄鐵齒輪箱體(外殼)

- 鑄鐵原料全部塗油漆處理

注意：NMRV025型減速機從不塗油漆處理。

Motovario 的減速機如果必要塗油漆處理時，其表面處理技術如下：

#### 說明：

- 藍色環氧聚脂桔紋漆 RAL 5010.

#### 使用產品：

- 使用熱硬化的聚脂樹脂粉末，再塗上環氧樹脂表漆。

#### 機械性能

- 產品測試是在去脂 Unichim 白色錫板上(膜厚:60μm)根據 ISO2409 的粘附力標準，ISO152 的 Erichsen 圖說，Erichsen 圖說，DIN53158 的反向振盪標準，DIN53151，的磨刮標準以及 ASTM D3363/74 的硬度要求來進行的。

#### 抗熱能力

- 24 小時連續在 150°C。

#### 耐腐蝕能力

根據 ASTM B 117/97 要求能承受在鹽霧中逗留 100 到 500 小時，視不同底漆的規格而定。

#### 性能

已按 DIN 3990, ISO 6336, AGMA 2101, ISO10300, DIN3991, ISO 281, DIN 743 對載荷能力進行驗證。

#### 動態效率 $\eta_d$ ：

工作效率是指輸出功率 P2 和齒輪減速機的輸入功率 P1 之間的比率：

$$\eta_d = P2/P1$$

H/HA 系列同軸螺旋齒輪減速機的平均值等於：

$$H..3 \text{ 級} = 0,97$$

$$H..2 \text{ 級} = 0,96$$

$$H..3 \text{ 級} = 0,94$$

B/BA 系列直角螺旋傘型齒輪減速機的平均值等於：

$$B..3 \text{ 級} = 0,9$$

$$BA..2 \text{ 級} = 0,95$$

$$BA..3 \text{ 級} = 0,9$$

S 系列平行軸螺旋齒輪減速機的平均值等於：

$$S..2 \text{ 級} = 0,96$$

$$S..3 \text{ 級} = 0,94$$



## Service factor / 使用係數 (負載係數)

摩 托 迪 克

The service factor (f.s.) depends on the operating conditions the reduction unit is subjected to.

The parameters that need to be taken into consideration to select the most adequate service factor correctly comprise:

- type of load of the operated machine : A - B - C
- length of daily operating time: hours/day ( $\Delta$ )
- start-up frequency: starts/hour (\*)

|               |                     |                |
|---------------|---------------------|----------------|
| TYPE OF LOAD: | A - uniform         | $f_a \leq 0.3$ |
|               | B - moderate shocks | $f_a \leq 3$   |
|               | C - heavy shocks    | $f_a \leq 10$  |

$$f_a = J_e/J_m$$

- $f_a$  factor of inertia
  - $J_e$  ( $\text{kgm}^2$ ) moment of reduced external inertia at the drive-shaft
  - $J_m$  ( $\text{kgm}^2$ ) moment of inertia of motor
- If  $f_a > 10$  call our Technical Service.

使用係數(負載係數) (service factor) (簡稱 f.s.)

視減速機的操作條件而定。

正確選擇最適當的使用係數需考慮的參數包括:

進行正確的組合，必須考慮的參數如下：

- 運轉機器的負載類型: A - B - C
- 每天運轉時間的長短：小時/日 ( $\Delta$ )
- 啓動頻率: 啓動次數／小時(\*)

負載類型:

- A - 穩定  $f_a \leq 0.3$
- B - 中等衝擊  $f_a \leq 3$
- C - 高等衝擊  $f_a \leq 10$

$$f_a = J_e/J_m$$

- $f_a$  惯性因數
- $J_e$  ( $\text{kgm}^2$ ) 傳動軸上的減速外部惰性力距
- $J_m$  ( $\text{kgm}^2$ ) 馬達的惰性力距 如果
- $f_a > 10$  時，請與本公司的技術服務人員聯繫。

A -Screw feeders for light materials, fans, assembly lines, conveyor belts for light materials, small mixers, lifts, cleaning machines, fillers, control machines.

B -Winding devices, woodworking machine feeders, goods lifts, balancers, threading machines, medium mixers, conveyor belts for heavy materials, winches, sliding doors, fertilizer scrapers, packing machines, concrete mixers, crane mechanisms, milling cutters, folding machines, gear pumps.

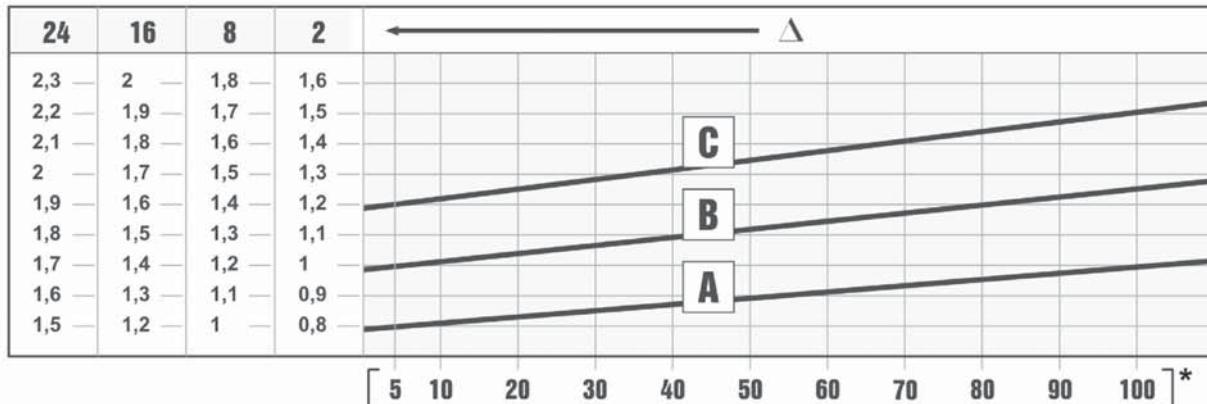
C -Mixers for heavy materials, shears, presses, centrifuges, rotating supports, winches and lifts for heavy materials, grinding lathes, stone mills, bucket elevators, drilling machines, hammer mills, cam presses, folding machines, turntables, tumbling barrels, vibrators, shredders.

負載類型 A - 輕質材料螺旋給料機, 風扇, 組裝生產線, 輕質材料輸送機, 小型攪拌器, 升降機, 清洗機, 充填設備, 控制器等

負載類型 B- 捲繞裝置, 木工機械, 貨物升降機, 平衡器, 螺紋機, 介質攪拌機, 重型材料皮帶輸送機, 絞盤, 移動門, 刮板輸送機, 包裝機, 混凝土攪拌機, 起重機, 銑床, 卷板機, 齒輪泵等。

負載類型 C- 重型材料攪拌機, 剪切機, 壓力機, 離心機, 旋轉支撐, 重型材料, 絞盤和升降機, 磨床, 石材坊, 升降機, 鑽孔機, 錐式粉碎機, 凸輪壓力機, 折疊機, 運輸帶, 翻斗車, 振動器, 碎紙機等。

f.s.



**Critical applications / 特殊應用**
**摩 托 迪 克**

The performance given in the catalogue correspond to mounting position B3 or similar, ie. when the first stage is not entirely immersed in oil. For other mounting positions and/or particular input speeds, refer to the tables that highlight different critical situations for each size of reduction unit.

It is also necessary to take due consideration of and carefully assess the following applications by calling our Technical Service:

- As a speed increasing.
- Use in services that could be hazardous for people if the reduction unit fails.
- Applications with especially high inertia.
- Use as a lifting winch.
- Applications with high dynamic strain on the case of the reduction unit.

本目錄所說明之性能係針對安裝位置 B3 或類似位置而言，換句話說，在初期運轉時並未完全浸入油。有關其他的安裝位置亦或特殊輸入速度，請參考各種尺寸的減速機於各種不同特殊用途的圖表說明。

在下述用途時，也請考慮與本公司的技術服務部門連絡，以審慎評估：

- 速度增加時；
- 萬一減速機操作故障時有可能傷害人員之危險作業環境；
- 特別高度惰性之用途；
- 充當絞車使用時；
- 減速機在高度動態應變用途；

| H                            | A31 | A30 | A40 | A50 | A60 |     |     |     |     |     |     |
|------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| V5 - V1: $1500 < n_1 < 3000$ | -   | -   | -   | -   | -   |     |     |     |     |     |     |
| $n_1 > 3000$                 | B   | B   | B   | B   | B   |     |     |     |     |     |     |
| V3 - V6                      | B   | B   | B   | B   | B   |     |     |     |     |     |     |
| H                            | 030 | 040 | 050 | 060 | 080 |     |     |     |     |     |     |
| V5 - V1: $1500 < n_1 < 3000$ | -   | -   | -   | -   | -   |     |     |     |     |     |     |
| $n_1 > 3000$                 | B   | B   | B   | B   | B   |     |     |     |     |     |     |
| V3 - V6                      | B   | B   | B   | B   | B   |     |     |     |     |     |     |
| B                            | A40 |     | A50 |     | A70 |     |     |     |     |     |     |
| $2000 < n_1 < 3000$          | -   | -   | -   | -   | -   |     |     |     |     |     |     |
| V6                           | B   | B   | B   | B   | B   |     |     |     |     |     |     |
| $n_1 > 3000$                 | B   | B   | B   | B   | B   |     |     |     |     |     |     |
| …L : B6 - B7                 | B   | B   | B   | B   | B   |     |     |     |     |     |     |
| B                            | 060 | 080 | 100 | 125 | 140 |     |     |     |     |     |     |
| $2000 < n_1 < 3000$          | -   | -   | -   | B   | B   |     |     |     |     |     |     |
| V6                           | B   | B   | B   | B   | B   |     |     |     |     |     |     |
| $n_1 > 3000$                 | B   | B   | B   | A   | A   |     |     |     |     |     |     |
| …L : B6 - B7                 | B   | B   | B   | B   | B   |     |     |     |     |     |     |
| S                            | 050 |     | 060 | 080 | 100 | 125 |     |     |     |     |     |
| $2000 < n_1 < 3000$          | -   | -   | -   | -   | -   | -   |     |     |     |     |     |
| V6                           | B   | B   | B   | B   | B   | B   |     |     |     |     |     |
| $n_1 > 3000$                 | B   | B   | B   | B   | B   | B   |     |     |     |     |     |
| …L : V5 - V6                 | B   | B   | B   | B   | B   | B   |     |     |     |     |     |
| SW / NMRV                    | 025 | 030 | 040 | 050 | 063 | 075 | 090 | 105 | 110 | 130 | 150 |
| V5: $1500 < n_1 < 3000$      | -   | -   | -   | -   | -   | B   | B   | B   | B   | B   | B   |
| $n_1 > 3000$                 | B   | B   | B   | B   | B   | A   | A   | A   | A   | A   | A   |
| V6                           | B   | B   | B   | B   | B   | B   | B   | B   | B   | B   | B   |

A- Application not recommended / 建議不使用。

B- Check the application and/or call our technical service / 檢查使用對象或與本公司技術服務部聯絡。



## Installation / 安 裝

摩 托 迪 克

To install the reduction unit it is necessary to note the following recommendations:

- The mounting on the machine must be stable to avoid any vibration.
- Check the correct direction of rotation of the reduction unit output shaft before fitting the unit to the machine.
- In the case of particularly lengthy periods of storage (4/6 months), if the oil seal is not immersed in the lubricant inside the unit, it is recommended to change it since the rubber could stick to the shaft or may even have lost the elasticity it needs to function properly.
- For a shaft mounting, for reduction units with a hollow output shaft, use the torque arms Motovario can supply. If this is not possible, make sure that the constraint is axially free and with such play as to ensure free movement for the reduction unit.
- Whenever possible, protect the reduction unit against solar radiation and bad weather.
- Ensure the motor cools correctly by assuring good passage of air from the fan side.
- In the case of ambient temperatures < -5°C or > +40°C call the Technical Service.

安裝減速機時必須注意以下幾點：

- 必須穩定地安裝在機器上，避免有任何鬆動或振動。
- 在減速機固定於機器上之前，檢查減速機輸出軸的正確旋轉方向。
- 在長期的儲存情況下（4/6 個月），一旦油封沒有浸沒在減速機的潤滑油中，橡膠可能會粘住主軸甚至失去彈性，由於適當的彈性是油封必須的工作條件，所以推薦更換油封。
- 安裝傳動軸時，具空心輸出軸之減速機需使用 Motovario 能夠供應的扭力臂。如果不可能，需確認強迫軸向能夠自由運轉以保證減速機能夠自由運轉。
- 盡可能避免減速機在陽光下直接照射或暴露於惡劣氣候下。
- 確保馬達風扇邊的空氣有良好的通風，以便有足夠的冷卻。

- The various parts (pulleys, gear wheels, couplings, shafts, etc.) must be mounted on the solid or hollow shafts using special threaded holes or other systems that anyhow ensure correct operation without risking damage to the bearings or external parts of the units. Lubricate the surfaces in contact to avoid seizure or oxidation.
- Painting must definitely not go over rubber parts and the holes on the breather plugs, if any.
- For units equipped with oil plugs, replace the closed plug used for shipping with the special breather plug.
- Check the correct level of the lubricant through the indicator, if there is one.
- Starting must take place gradually, without immediately applying the maximum load.
- When there are parts, objects or materials under the motor drive that can be damaged by even limited spillage of oil, special protection should be fitted.

- 當使用時的絕對溫度< -5°C 或>40°C 時，先與我們技術服務人員聯繫。
- 各種零件（滑輪、齒輪、聯軸器、軸等）必須安裝在實心或空心軸上，應該使用專用的螺紋孔或其他工具以確保正確安裝而不會損壞軸承或減速機外端的所有零件，並以潤滑油來潤滑接觸表面避免卡死或氧化。
- 橡膠零件以及透氣孔上不能沾有油漆。
- 當遇見配有油塞的減速機時，把運輸專用的塞子換掉。再裝上排氣塞。
- 通過視窗檢查潤滑油油位是否足夠。
- 使用新減速機時，應該逐漸載入，不要立即提升到最大的負載。
- 如有任何在減速機旁的零件、物體或材料會因漏出的油而遭受損壞時，應安裝特殊的保護或遮擋。

## **Motor mounting with PAM flange B5 / 馬達與 PAM 法蘭 B5 之連接**

**摩 托 迪 克**

When the unit is supplied without motor, it is necessary to follow these Recommendation to ensure the correct assembly of the electric motor. Assembly of flange mounting motors to the gear unit with the PAM flange uses a coupling.

Check that the tolerances for the motor shaft and flange correspond to the standard.

Carefully clean the shaft, spigot and surfaces of the flange removing traces of paint and dirt, and confirm the key is fitted correctly.

Fit the half coupling/sleeve to the motor shaft

當只有購買減速機時，必須按照以下建議與已有的馬達來組合，以確保正常的使用。

當法蘭式馬達跟減速機的 PAM 法蘭配套安裝時，需要使用連軸器。

參照相關標準來檢查馬達軸心和法蘭在安裝時是否有過大的誤差。

仔細清潔軸、連軸器和法蘭表面，擦除污垢和痕跡。

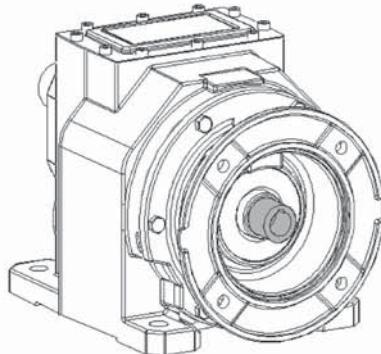
(see picture) taking care to ensure the motor shaft and bearings are not damaged by avoiding excessive force and where necessary using assembly equipment. Place the couplings elastic element onto the motor half coupling and position the motor up to the gear unit ensuring the coupling element is aligned with the driven half coupling. Complete the assembly using the fixing bolts. Key-ways with tightened tolerances.

按圖所示小心安裝軸（參照下圖），保證軸和軸承的嚮合，避免力量過大而導致損壞·必要時使用專用工具來進行。

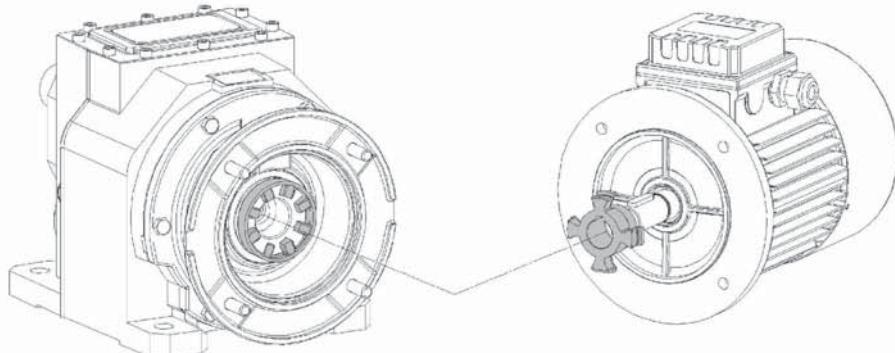
把連軸器中的橡皮元件先放進馬達軸上的半個連接器中，再把馬達放到減速機上以確保連軸器跟減速機上另一半的連接器處在同一中心線上。

把固定螺栓鎖緊，根據誤差參數同時把軸固定好。

H / B / S / SW / NMRV 標準套筒式聯軸器型



PH / PB / PS / SW-P063-110 / NMRV-P063-110 撓性聯軸器型



Note: the motor coupling with the flexible joint is available only for the product ranges H-B-S series  
馬達使用撓性聯軸器的連結方式只提供給 H.B.S 系列及 SW-P063~SW-P110 系列及 NMRV-P063 ~NMRV-P110 等系列。



## Overhung load / 懸臂荷載

摩 托 迪 克

The radial load on the shaft is calculated with the following formula:

$$Fr_e = \frac{2000 \cdot M \cdot f_z}{D} \leq Fr_1 \text{ or } Fr_2$$

|         |     |             |
|---------|-----|-------------|
| $f_z =$ | 1,1 | gear pinion |
|         | 1,4 | chain wheel |
|         | 1,7 | v-pulley    |
|         | 2,5 | flat pulley |

Fr<sub>e</sub> (N)

Resulting radial load

M (Nm)

Torque on the shaft

D (mm)

Diameter of the transmission member mounted on the shaft

Fr (N)

Value of the maximum admitted radial load Fr<sub>1</sub>-Fr<sub>2</sub> (see relative tables)

When the resulting radial load is not applied on the centre line of the shaft, it is necessary to adjust the admissible radial load Fr<sub>1-2</sub> with the following formula:

$$Fr_x = \frac{Fr_{1-2} \cdot a}{(b + x)}$$

a, b = values given in the tables on page 18,19

x = distance from the point of application of the load to the shaft shoulder

通過下列公式可計算主軸上的徑向負荷承受重量：

$$Fr_e = \frac{2000 * M * f_z}{D} \leq Fr_1 - Fr_2$$

Fr<sub>e</sub> = 軸所承受的徑向負荷 (N)

M= 扭矩 (Nm)

D= 在主軸上的傳動元件之直徑 (mm)

Fr= 最大徑向承受力 Fr<sub>1</sub> - Fr<sub>2</sub>(參考有關圖表)(N)

|             |           |       |      |
|-------------|-----------|-------|------|
| $f_z = 1,1$ | 小齒輪       | $1,4$ | 鏈輪   |
| 1,7         | 三角皮帶 v-滑輪 | 2,5   | 平直滑輪 |

當軸的最終徑向負荷不在同一中心線時，  
Fr<sub>1</sub>- Fr<sub>2</sub> 徑向負荷就需要用以下公式調整：

$$Fr_x = \frac{Fr_{1-2} \cdot a}{(b + x)}$$

a, b = 有關參數表見第 18,19 頁

x = 施加負荷點至軸肩之距離

## Radial loads - Technical descriptions / 徑向負荷 – 技術說明

摩 托 迪 克

The value of the admissible radial load (N) is given in the tables relating to the performance of the reduction unit at issue. It is related to the load applied on the centre line of the shaft and in the most unfavourable conditions of angle of application and direction of rotation.

The maximum admissible axial loads are 1/5 of the value of the given radial load when they are applied in combination with the radial load.

The tables relating to the output shafts give the maximum admissible value.

軸所允許負載的負荷 (N) 可從相關的圖表中尋找或從已推出的減速機相關資料中尋找。

它包括了當負荷與主軸在同一中心線的計算，也有不在同心線的情況下的好幾種可能角度和轉向。

當徑向與軸向負載同時存在時，最大的允許軸向負載值只是徑向負載值的五分之一。圖表中所表示的是輸出軸的最大承載重量。

This value must never be exceeded since it relates to the strength of the case.

Particular conditions of radial load higher than the limits of the catalogue may occur. In this case, call our Technical Service and provide details on the application: direction of the load, direction of rotation of the shaft, type of service.

In case of double extension shafts with radial load applied on both ends, the max. admissible radial loads must be defined according to the specific running conditions, in this case call our Technical Service.

在日常操作中，絕對不可以超過圖表的數值，因為關係到外殼的承受極限。在特殊情況下，如軸的負載重量必須要超過本目錄中的數值極限時，請與本公司技術人員聯繫並查閱使用說明書中有關的負載指示、軸的旋轉方向及應用種類等資料。如果是在雙延伸軸在兩端皆施加徑向負荷情形，其最大允許徑向負荷需依據特殊的操作條件來定義，在此情形，請與本公司技術人員聯繫。

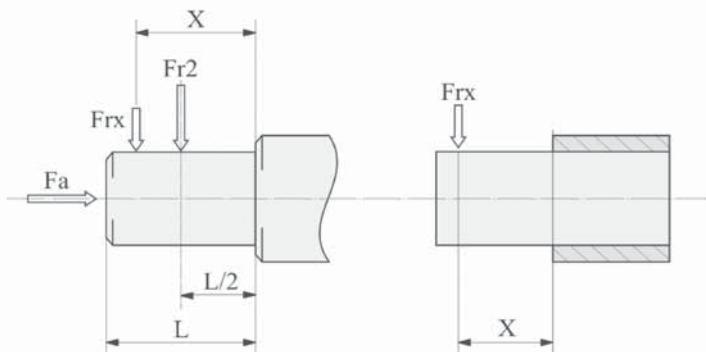
**Radial loads / (N) - Output Shaft / 出力軸徑向負荷**
**摩 托 迪 克**

When the radial load is not on the centre line of the shaft, it is necessary to adjust the admissible radial load Fr2 with the following formula:

當軸的最終徑向負荷不在同一中心線時Fr2，  
徑向負荷就需要用以下公式調整：

$$\text{Fr2 : } \text{Fr}_{\text{rx}} = \frac{\text{Fr}_2 \cdot a}{(b + x)}$$

X=施加負荷點至軸肩之距離



|                   |                 |         |         |           |         |         |                 |         |         |       |                 |
|-------------------|-----------------|---------|---------|-----------|---------|---------|-----------------|---------|---------|-------|-----------------|
| H                 | 041             | 051     | 061     | 081       | 101     | 121     |                 |         |         |       |                 |
| a                 | 89              | 98      | 115     | 151       | 210     | 232     |                 |         |         |       |                 |
| b                 | 79              | 73      | 85      | 111       | 155     | 177     |                 |         |         |       |                 |
| Fr2 max(**)       | 1000            | 2500    | 3700    | 4000      | 5000    | 6000    |                 |         |         |       |                 |
| Fa max (*)        | 5500            | 6500    | 7000    | 8500      | 11500   | 13500   |                 |         |         |       |                 |
| H                 | A31             | A41     | A51     | A61       | A32 A33 | A42 A43 | A52 A53         | A62 A63 |         |       |                 |
| a                 | 78,5            | 81      | 83      | 103       | 105     | 115     | 135             | 155     |         |       |                 |
| b                 | 58,5            | 61      | 58      | 73        | 85      | 90      | 105             | 115     |         |       |                 |
| Fr2 max(**)       | 1100            | 1100    | 3000    | 4500      | 2000    | 4300    | 6000            | 8000    |         |       |                 |
| H                 | 032 033         | 042 043 | 052 053 | 062 063   | 082 083 | 102 103 | 122 123         | 142 143 |         |       |                 |
| a                 | 120             | 138     | 169     | 195       | 238     | 281     | 331             | 367     |         |       |                 |
| b                 | 96              | 108     | 134     | 155       | 188     | 221     | 261             | 282     |         |       |                 |
| Fr2 max(**)       | 5500            | 6600    | 8000    | 12000     | 18000   | 22000   | 30000           | 55000   |         |       |                 |
| B                 | A42             |         |         | A52 A53   |         | A72 A73 |                 |         |         |       |                 |
| a                 | 105             |         |         | 119       |         | 145     |                 |         |         |       |                 |
| b                 | 85              |         |         | 94        |         | 116     |                 |         |         |       |                 |
| D-S-P (Fr2 max**) | -               |         |         | -         |         | 10000   |                 |         |         |       |                 |
| C (Fr2 max**)     | 4000            |         |         | 4000      |         | 5500    |                 |         |         |       |                 |
| B                 | 063             | 083     | 103     | 123       | 143     | 153     | 163             |         |         |       |                 |
| a                 | 129             | 190     | 225     | 262       | 306     | 348     | 468             |         |         |       |                 |
| b                 | 100             | 150     | 175     | 202       | 236     | 278     | 363             |         |         |       |                 |
| D-S-P (Fr2 max**) | 12000           | 18000   | 22000   | 30000     | 40000   | 65000   | 80000           |         |         |       |                 |
| C (Fr2 max**)     | 8000            | 12000   | 15000   | 20000     | 40000   | 65000   | 65000           |         |         |       |                 |
| S                 | 052 053         |         | 062 063 |           | 082 083 |         | 102 103         |         | 122 123 |       |                 |
| a                 | 125             |         | 145     |           | 190     |         | 225             |         | 265     |       |                 |
| b                 | 96              |         | 116     |           | 150     |         | 175             |         | 202     |       |                 |
| D-S-P (Fr2 max**) | 6000            |         | 10000   |           | 18000   |         | 22000           |         | 30000   |       |                 |
| C (Fr2 max**)     | 6000            |         | 4000    |           | 7200    |         | 9000            |         | 11200   |       |                 |
| SW/NMRV/NMRV-P    | 025             | 030     | 040     | 050       | 063     | 075     | 090             | 110     | 130     | 150   |                 |
| a                 | 50              | 65      | 84      | 101       | 120     | 131     | 162             | 176     | 188     | 215   |                 |
| b                 | 38              | 50      | 64      | 76        | 95      | 101     | 122             | 136     | 148     | 174   |                 |
| Fr2 max(**)       | 1350            | 1830    | 3490    | 4840      | 6270    | 7380    | 8180            | 12000   | 13500   | 18000 |                 |
| SW/NMRV           | J *1E-4 [kg*m²] |         |         | SW/NMRV-P |         |         | J *1E-4 [kg*m²] |         |         | H     | J *1E-4 [kg*m²] |
| 025               | 0,03            |         |         | 063       |         |         | 2,2             |         |         | A31   | 1,0             |
| 030               | 0,10            |         |         | 075       |         |         | 4,4             |         |         |       |                 |
| 040               | 0,3             |         |         | 090       |         |         | 8,2             |         |         |       |                 |
| 050               | 0,8             |         |         | 110       |         |         | 19,9            |         |         |       |                 |
| 130               | 22,5            |         |         |           |         |         |                 |         |         |       |                 |
| 150               | 52,9            |         |         |           |         |         |                 |         |         |       |                 |

(\*\*)Fr2) Max. admissible value of the reducer; verify max. admissible value on performances tables.

減速機的最大承載重量請核對馬力選擇表。

(\*) Maximum axial load values admissible in only one direction with the use of a thrust bearing (on request).  
最大軸向的承載重量在同一方向時可依要求使用推力軸承。



## Radial loads / (N) - Input Shaft / 入力軸徑向負荷

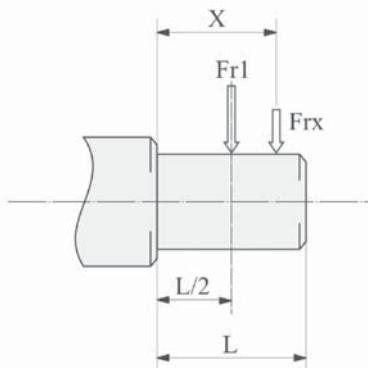
摩 托 迪 克

When the radial load is not on the centre line of the shaft, it is necessary to adjust the admissible radial load Fr1 with the following formula:

當產生的負荷沒有施加在軸的中心線上時，  
必須用以下的公式調整許可的徑向負荷值

$$Fr1 : Frx = \frac{Fr_1 \cdot a}{(b + x)}$$

X=施加負荷點至軸肩之距離



| IH          | 041  | 051  | 061  | 081  | 101  | 121  |
|-------------|------|------|------|------|------|------|
| a           | 105  | 105  | 105  | 137  | 175  | 175  |
| b           | 80   | 80   | 80   | 108  | 135  | 135  |
| Fr1 max(**) | 1320 | 1800 | 2200 | 2500 | 3000 | 3000 |

| IH          | A32 | A33 | A41 | A42 | A43 | A51 | A53 | A63 | A52 | A61 | A62 |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| a           |     |     |     | 84  |     |     |     |     |     | 89  |     |
| b           |     |     |     | 64  |     |     |     |     |     | 69  |     |
| Fr1 max(**) |     |     |     | 480 |     |     |     |     |     | 800 |     |

| IH          | 032  | 033  | 042  | 043  | 052  | 053  | 062  | 063  | 082  | 083  | 102  | 103  | 122  | 123   | 142 | 143 |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-----|-----|
| a           | 105  | 105  | 105  | 105  | 105  | 105  | 137  | 137  | 137  | 137  | 175  | 175  | 175  | 225   |     |     |
| b           | 80   | 80   | 80   | 80   | 80   | 80   | 108  | 108  | 108  | 108  | 135  | 135  | 135  | 170   |     |     |
| Fr1 max(**) | 2200 | 2200 | 2500 | 2500 | 3600 | 3600 | 3600 | 3600 | 3600 | 3600 | 7200 | 7200 | 7200 | 15000 |     |     |

| IB          | A42 A52 A53 A73 |     |  |  | A72 |     |  |  |
|-------------|-----------------|-----|--|--|-----|-----|--|--|
| a           |                 | 84  |  |  |     | 89  |  |  |
| b           |                 | 64  |  |  |     | 69  |  |  |
| Fr1 max(**) |                 | 500 |  |  |     | 830 |  |  |

| IB          | 063  | 083  | 103  | 123  | 143  | 153   | 163   |
|-------------|------|------|------|------|------|-------|-------|
| a           | 105  | 137  | 137  | 175  | 175  | 225   | 221   |
| b           | 80   | 108  | 108  | 135  | 135  | 170   | 166   |
| Fr1 max(**) | 2200 | 2500 | 3200 | 4200 | 7000 | 10000 | 12000 |

| IS          | 052  | 053 | 062  | 063 | 082  | 083 | 102  | 103 | 122  | 123 |
|-------------|------|-----|------|-----|------|-----|------|-----|------|-----|
| a           | 105  |     | 105  |     | 137  |     | 137  |     | 175  |     |
| b           | 80   |     | 80   |     | 108  |     | 108  |     | 135  |     |
| Fr1 max(**) | 1500 |     | 2500 |     | 3600 |     | 3600 |     | 7200 |     |

| ISW/NRV/NRV-P | 030 | 040  | 050 | 063 | 075 | 090  | 110  | 130  | 150  | IHW040      | 090 | 110 |
|---------------|-----|------|-----|-----|-----|------|------|------|------|-------------|-----|-----|
| a             | 86  | 106  | 129 | 159 | 192 | 227  | 266  | 314  | 350  | a           | 71  |     |
| b             | 76  | 94,5 | 114 | 139 | 167 | 202  | 236  | 274  | 310  | b           | 51  |     |
| Fr1 max(**)   | 210 | 350  | 490 | 700 | 980 | 1270 | 1700 | 2100 | 2800 | Fr1 max(**) | 400 | 500 |

(\*\*)Fr1 Max. admissible value of the reducer; verify max. admissible value on performances tables.  
減速機的最大承載重量請核對馬力選擇表。

## Lubrication 潤滑油

In cases of ambient temperatures not envisaged in the table, call our Technical Service. In the case of temperatures under -30°C or over 60°C it is necessary to use oil seals with special properties.

For operating ranges with temperatures under 0°C it is necessary to consider the following:

- 1 The motors need to be suitable for operation at the envisaged ambient temperature.
- 2 The power of the electric motor needs to be adequate for exceeding the higher starting torques required.
- 3 In case of cast-iron gear reducers, pay attention to impact loads since cast iron may have problems of fragility at temperatures under -15°C.
- 4 During the early stages of service, problems of lubrication may arise due to the high level of viscosity taken on by the oil and so it is wise to have a few minutes of rotation under no load.

The oil needs to be changed after approximately 10,000 hours/2 years of operations. This period depends on the type of service and the environment where the gear reducer works. For units supplied without oil plugs, lubrication is permanent and so they need no servicing.

如在圖表中不能查到對應的溫度，請與本公司技術服務人員聯繫。

如果溫度低於-30°C或高於60°C時，必須使用特殊油封。

如果在注油時的溫度低於0°C時，必須注意以下幾點：

1. (馬達)的選型必須符合周圍環境與工作條件。
2. (馬達)的功率選擇必須考慮到在寒冷天氣時較大的起動扭矩。
3. 鑄鐵外殼的減速機要避免忽然承受過重的衝擊負載，因為在攝氏-15°C以下時鑄鐵的物理性能可能會變得較脆。
4. 在使用新的電動機(馬達)時，可能會出現潤滑油的問題，因為新的潤滑油的粘度較高，因此推薦先讓減速箱在空載情況下運轉幾分鐘才開始載入。

潤滑油在使用約10,000時後必須更換，也要視減速機的具體工作環境而定。

對於沒有注油孔的減速箱來說，是永遠不需要更換潤滑油的。

## Lubrication 推薦潤滑油

|                  | T°C-ISO<br>VG/SAE...        | ENI                   | AGIP             | SHELL                  | ESSO              | MOBIL                   | CASTROL            | BP                   |
|------------------|-----------------------------|-----------------------|------------------|------------------------|-------------------|-------------------------|--------------------|----------------------|
| H A30 ÷ A60      | (-5) ÷ (+40)<br>ISO VG 220  | BLASIA<br>220         | -                | OMALA<br>OIL 220       | SPARTAN<br>EP 220 | MOBILGEAR<br>600 XP 220 | ALPHA<br>MAX 220   | ENERGOL<br>GR-XP 220 |
| H 030 ÷ 140      |                             |                       |                  |                        |                   |                         |                    |                      |
| B 060 ÷ 160      | (-15) ÷ (+25)<br>ISO VG 150 | BLASIA<br>150         | -                | OMALA<br>OIL 150       | SPARTAN<br>EP 150 | MOBILGEAR<br>600 XP 150 | ALPHA<br>MAX 150   | ENERGOL<br>GR-XP 150 |
| B A40 ÷ A70      | (-5) ÷ (+40)<br>SAE 85W-140 | ROTRA MP<br>(85W-140) | -                | SPIRAX ST<br>(80W-140) | -                 | -                       | -                  | -                    |
| S 050 ÷ 125      | (-5) ÷ (+40)<br>ISO VG 220  | BLASIA<br>220         | -                | OMALA<br>OIL 220       | SPARTAN<br>EP 220 | MOBILGEAR<br>630        | ALPHA<br>MAX 220   | ENERGOL<br>GR-XP 220 |
|                  | (-15) ÷ (+25)<br>ISO VG 150 | BLASIA<br>150         | -                | OMALA<br>OIL 150       | SPARTAN<br>EP 150 | MOBILGEAR<br>629        | ALPHA<br>MAX 150   | ENERGOL<br>GR-XP 150 |
| SW 030 ÷ 105     | (-25) ÷ (+50)<br>ISO VG 320 | -                     | TELUM<br>VSF 320 | TIVELA OIL<br>SC 320   | S 220             | GLYGOYLE<br>30          | ALPHASYN<br>PG 320 | ENERGOL<br>SG-XP 320 |
| SW 110 ÷ 150     | (-5) ÷ (+40)<br>ISO VG 460  | -                     | BLASIA<br>460    | OMALA OIL<br>460       | SPARTAN EP<br>460 | MOBILGEAR<br>634        | ALPHA MAX<br>460   | ENERGOL<br>GR-XP 460 |
|                  | (-15) ÷ (+25)<br>ISO VG 220 | -                     | BLASIA<br>220    | OMALA OIL<br>220       | SPARTAN EP<br>220 | MOBILGEAR<br>630        | ALPHA MAX<br>220   | ENERGOL<br>GR-XP 220 |
| NMRV 025 ÷ 150   | (-25) ÷ (+50)<br>ISO VG 320 | TELUM<br>VSF 320      | -                | TIVELA OIL<br>SC 320   | -                 | SHC 632                 | ALPHASYN<br>PG 320 | ENERGOL<br>SG-XP 320 |
| NMRV-P 063 ÷ 110 |                             |                       |                  |                        |                   |                         |                    |                      |
| HW 030 ÷ 040     |                             |                       |                  |                        |                   |                         |                    |                      |
| HA 31            | (-5) ÷ (+40)<br>ISO VG 220  | BLASIA<br>220         | -                | OMALA<br>OIL 220       | SPARTAN<br>EP 220 | MOBILGEAR<br>600 XP 220 | ALPHA<br>MAX 220   | ENERGOL<br>GR-XP 220 |

- Specifications of lubricants recommended by Motovario S.p.A.

- 表內為MOTOVARIO 推薦使用的潤滑油。

- Lubricant quantities are only indicative. For correct filling always refer to the sight glass or the dipstick, when this is supplied.

- 潤滑油的數量只表示加油時填充至視油鏡中心或油標尺位置。潤滑油的數量,請參考下一頁。



## Lubrication / 潤滑油 – S 軸上型齒輪減速機

摩 托 迪 克

- The reduction units S series ... with 2,3 stages sizes 050, 060 are supplied complete with lubricant, have no oil plugs and need no maintenance.
- The reduction units S series with 2,3 stages sizes 080,100,125 have no lubricant and are fitted with oil plugs to suit any mounting position included in the catalogue. The oil filling can be done on request, in this case it is recommended, after installation, to replace the closed plug used for transportation with the supplied breather plug. When the reduction unit is supplied without lubricant, it is provided with a label stating the advised oil type.
- For the reduction units S series with 2,3 stages it is always necessary to specify the mounting position.
  
- S 系列中 2、3 級減速機型號為 050 及 060 內已經注有潤滑油，不帶油蓋，故不需要再添加潤滑油。
  
- S 系列中 2、3 級減速機型號為 80,100,125 內沒有潤滑油，並帶有油蓋，適合任何安裝方式可從目錄中查找，廠方可以提供潤滑油。安裝完畢後，拿掉油塞並裝上排氣裝置。如需加油時請先看清標籤上指示。
  
- S 系列中 2,3 級減速機在下訂單時必須註明所要求的安裝方式。

| S – CS | 052-053 | 062-063 | 082-083 | 102-103 | 122-123 |
|--------|---------|---------|---------|---------|---------|
| B3     | 2,05    | 2,4     | 6       | 9       | 14,7    |
| B8     | 1,8     | 2,3     | 4       | 6       | 11,8    |
| B6     | 2,4     | 2,9     | 5,7     | 8       | 16      |
| B7     | 2,1     | 2,6     | 4,5     | 6,8     | 11,3    |
| V5     | 2,8     | 3,5     | 6,8     | 10,3    | 19      |
| V6     | 2,4     | 2,9     | 6,4     | 9,9     | 18      |

-Quantity of oil in litres ~

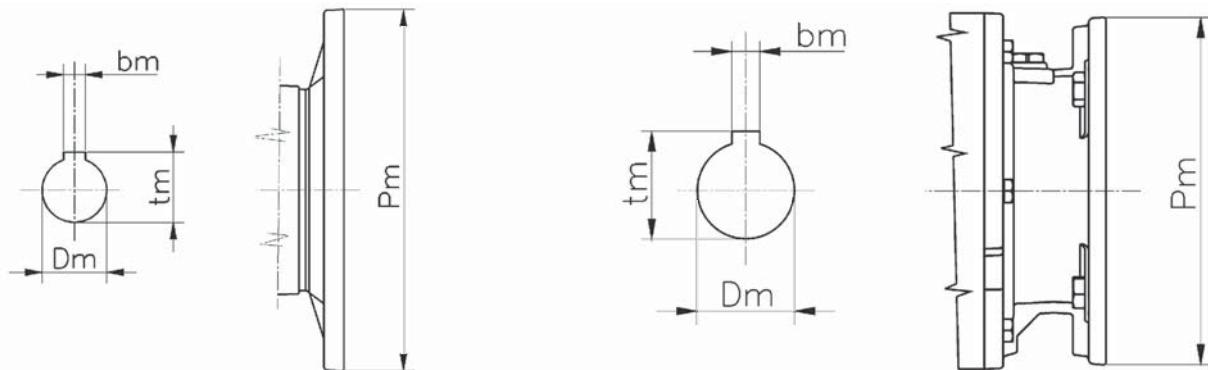
- 油品單位為公升 ~

潤滑油數量僅供參考，安裝位置或客戶組裝方式，均可能導致油位差，若要正確注油請務必參考視油鏡油量位置，必要時可以增加或減少油量。



## PAM B5 - Dimensions / 標準入力法蘭-尺寸圖

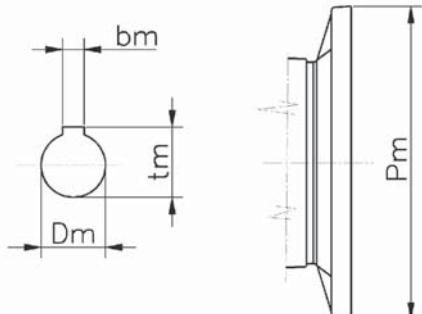
摩 托 迪 克



| B5 | IEC B5 |      |      |      |      |      |      |      |      |      |      |
|----|--------|------|------|------|------|------|------|------|------|------|------|
|    | 063    | 071  | 080  | 090  | 100  | 112  | 132  | 160  | 180  | 200  | 225  |
| Pm | 140    | 160  | 200  | 200  | 250  | 250  | 300  | 350  | 350  | 400  | 450  |
| Dm | 11     | 14   | 19   | 24   | 28   | 28   | 38   | 42   | 48   | 55   | 60   |
| bm | 4      | 5    | 6    | 8    | 8    | 8    | 10   | 12   | 14   | 16   | 18   |
| tm | 12,8   | 16,3 | 21,8 | 27,3 | 31,3 | 31,3 | 41,3 | 45,3 | 51,8 | 59,3 | 64,4 |

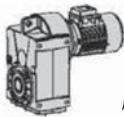
## PAM B14 - Dimensions / 標準入力法蘭-尺寸圖

摩 托 迪 克



| B14 | IEC B14 |      |      |      |      |      |      |      |
|-----|---------|------|------|------|------|------|------|------|
|     | 056     | 063  | 071  | 080  | 090  | 100  | 112  | 132  |
| Pm  | 80      | 90   | 105  | 120  | 140  | 160  | 160  | 200  |
| Dm  | 9       | 11   | 14   | 19   | 24   | 28   | 28   | 38   |
| bm  | 3       | 4    | 5    | 6    | 8    | 8    | 8    | 10   |
| tm  | 10,4    | 12,8 | 16,3 | 21,8 | 27,3 | 31,3 | 31,3 | 41,3 |

※特殊入力軸心與法蘭(如:伺服馬達或氣動馬達..等)可依要求製作。



摩托迪克

MOTOVARIO

## Shaft mounted geared motors an gear units

S 型 軸上型齒輪減速機

S

CS



S - PS



IS




**Designation / 規格型號說明**
**摩 托 迪 克**

|           |            |          |           |             |               |            |           |           |       |
|-----------|------------|----------|-----------|-------------|---------------|------------|-----------|-----------|-------|
| <b>S</b>  | <b>103</b> | <b>C</b> | <b>FA</b> | <b>91,3</b> | <b>160x14</b> | <b>250</b> | <b>28</b> | <b>B3</b> | ..... |
| <b>S</b>  | 052        | <b>C</b> | <b>FA</b> | 7,34        | <b>PAM</b>    |            |           | <b>B3</b> |       |
| <b>PS</b> | 053        | <b>D</b> | <b>FB</b> | ....        | <b>ECE</b>    |            |           | <b>B8</b> |       |
| <b>CS</b> | 062        | <b>L</b> | <b>FC</b> | ....        |               |            |           | <b>B6</b> |       |
| <b>IS</b> | 063        |          |           | ....        |               |            |           | <b>B7</b> |       |
|           | 082        |          |           | ....        |               |            |           | <b>V5</b> |       |
|           | 083        |          |           | 394,69      |               |            |           | <b>V6</b> |       |
|           | 102        |          |           |             |               |            |           |           |       |
|           | 103        |          |           |             |               |            |           |           |       |
|           | 122        |          |           |             |               |            |           |           |       |
|           | 123        |          |           |             |               |            |           |           |       |

**Accessories 附 件**

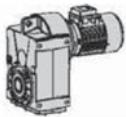
 Torque arm - Low speed shafts - Shrink disc  
 扭力臂.出力軸.收緊環

**Mounting position 安裝方式**
**Ø Output shaft 出力軸直徑 (孔徑)**
**Ø Output flange 出力法蘭**
**Input dimensions 入力尺寸**
**PAM** Fitted for motor coupling  
 (160x14) 馬達連接法蘭

**ECE** Input shaft diameter  
 (28) 入力軸直徑

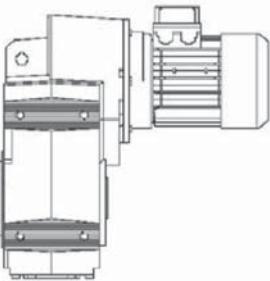
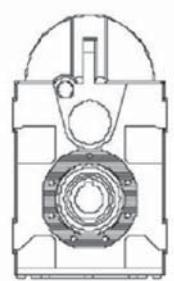
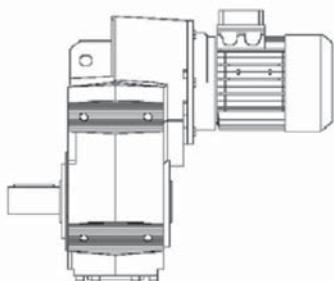
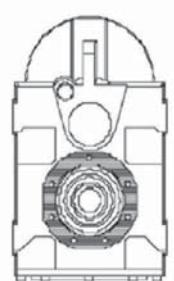
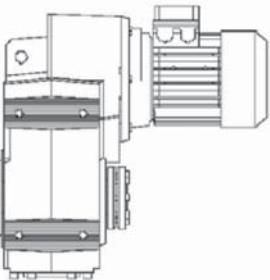
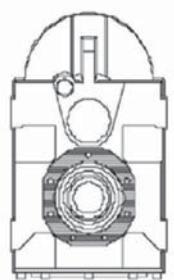
**Reduction ratio 減速比**
**Output flange 出力法蘭**
**Output shaft versions 出力軸形式**
**Size 框 號**
**10.. cast iron series 鑄鐵系列**
**..2/3 reduction stages 齒輪級數**  
**Gearbox type 減速機類型**
**S** Fitted geared motor with helical gears  
**PS** 入力法蘭型

**CS** Compact geared motor with helical gears (supplied complete with motor)  
**馬達直結型**
**IS** Helical gear reduction unit  
**入力軸型**



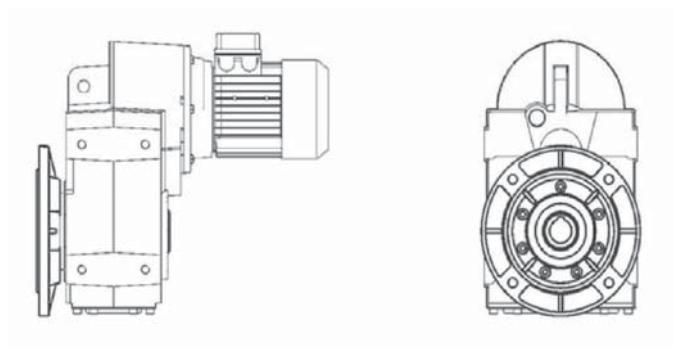
Versions / 變化形式

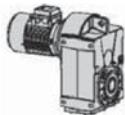
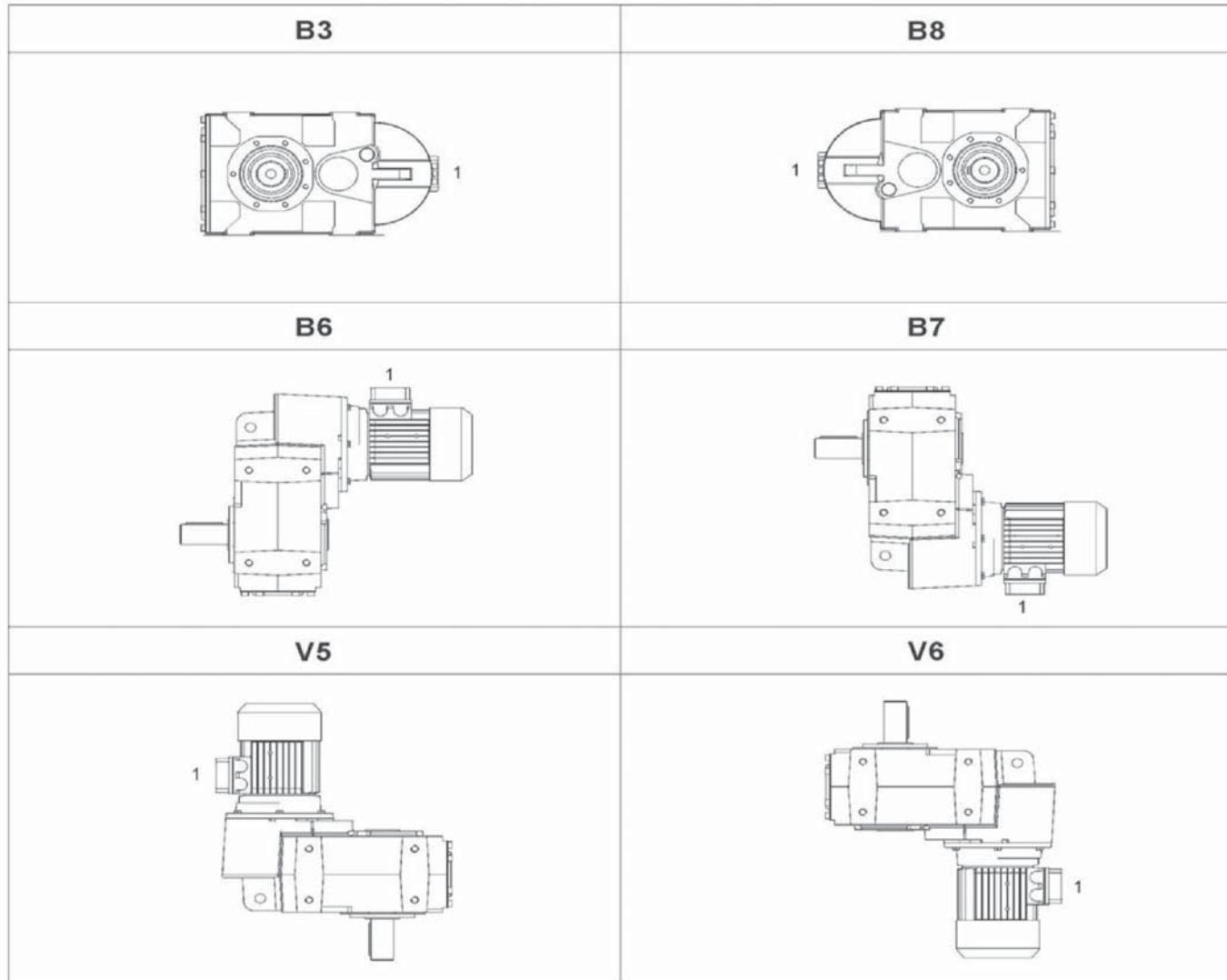
摩 托 迪 克

|   |  |
|---|--|
|    |  <p><b>S ... C</b><br/>- Foot-flange mounting / hollow shaft.<br/>腳座和法蘭安裝/中空軸</p>           |
|    |  <p><b>S ... D</b><br/>- Foot-flange mounting / D solid shaft.<br/>腳座和法蘭安裝/D測出力軸</p>        |
|  |  <p><b>S ... L</b><br/>- Foot-flange mounting / shrink disc shaft.<br/>腳座和法蘭安裝/出力軸收緊環</p> |

Flange / 出 力 法 蘭

摩 托 迪 克




**Mounting positions / 安裝形式**
**摩 托 迪 克**


-For vertical positions, check with pages A8.

垂直式安裝請參考第A8頁。

-Unless specified otherwise, the standard positions are B3.

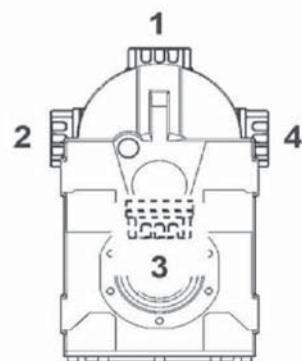
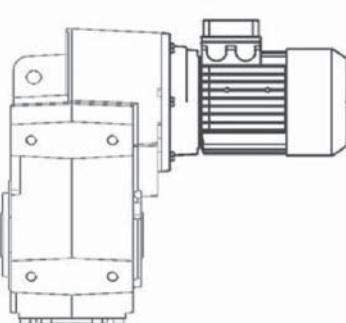
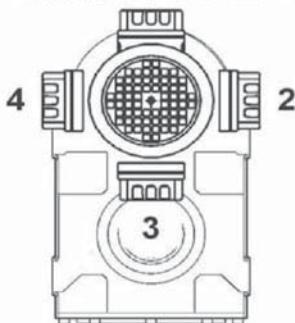
除特別指定外標準安裝位置為B3。

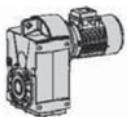
-For positions not envisaged, it is necessary to call our Technical Service.

針對不設想的安裝位置,告知我們的技術服務部門是必要的。

**Position of terminal box / 馬達接線盒位置**
**摩 托 迪 克**

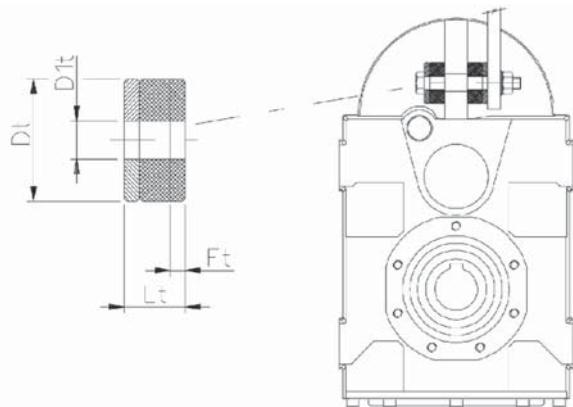
標準位置 1 standard position





## Torque arm / 扭力臂

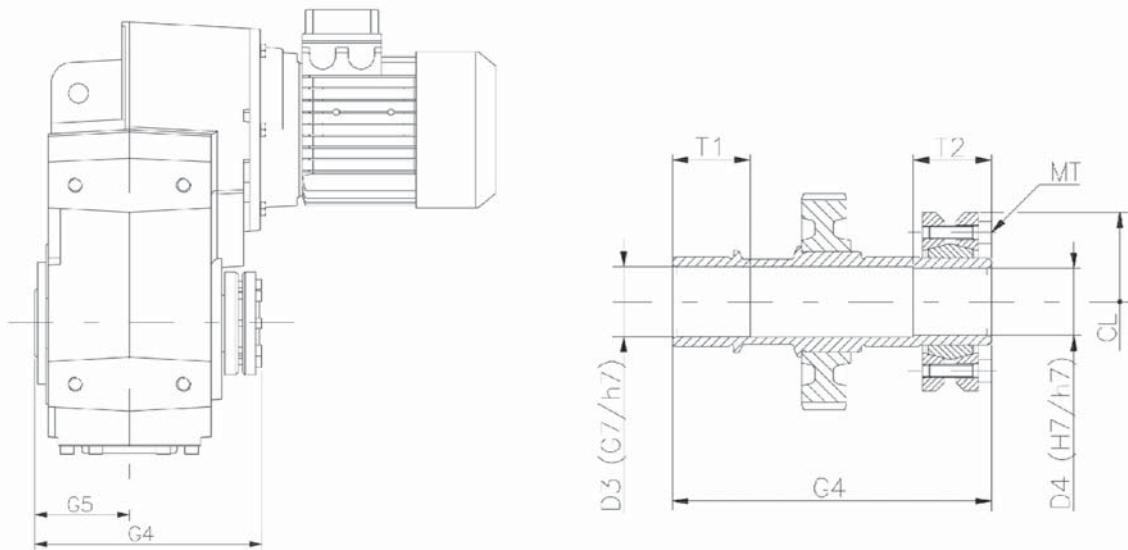
摩 托 迪 克



|            | D <sub>t</sub> | D <sub>1t</sub> | L <sub>t</sub> | F <sub>t</sub> |
|------------|----------------|-----------------|----------------|----------------|
| <b>050</b> | 40             | 12,5            | 20             | ~ 3            |
| <b>060</b> | 40             | 12,5            | 20             | ~ 3            |
| <b>080</b> | 40             | 12,5            | 20             | ~ 3            |
| <b>100</b> | 60             | 21              | 30             | ~ 5            |
| <b>125</b> | 60             | 21              | 30             | ~ 5            |

## Shrink disc / 收緊環

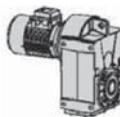
摩 托 迪 克

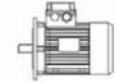


|            | D <sub>3</sub> | D <sub>4</sub> | G <sub>4</sub> | G <sub>5</sub> | T <sub>1</sub> | T <sub>2</sub> | CL  | MT 12.9 (Nm) |
|------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|--------------|
| <b>050</b> | 31             | 30             | 152            | 60             | 35             | 35             | 74  | 15           |
| <b>060</b> | 36             | 35             | 173            | 70             | 40             | 35             | 80  | 15           |
| <b>080</b> | 41             | 40             | 217            | 90             | 50             | 40             | 100 | 15           |
| <b>100</b> | 51             | 50             | 248            | 105            | 55             | 40             | 115 | 15           |
| <b>125</b> | 61             | 60             | 282            | 120            | 60             | 50             | 145 | 40           |

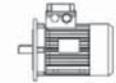
- Clean and degrease the surfaces of the shaft to be fitted to. Comply with the indicated tightening torque of screws (MT).

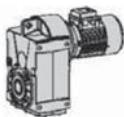
適度的清潔和去除軸心表面的油污，以遵循收緊螺絲(MT)指示的扭力值。


**Performance / 馬力選擇表 – S型軸上型齒輪減速機**
**摩 托 迪 克**
**0,18 kW**

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i      |  |  | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|--------|---|--|--------------|----------------|
| 104,3         | 15         | >3   | 8,63   | S052  | 71A6   | 6000         | 6000           |
| 80,8          | 20         | >3   | 11,14  | S052  | 71A6   | 6000         | 6000           |
| 65,9          | 25         | >3   | 13,66  | S052  | 71A6   | 6000         | 6000           |
| 58,9          | 27         | >3   | 15,27  | S052  | 71A6   | 6000         | 6000           |
| 55,2          | 29         | >3   | 16,29  | S052  | 71A6   | 6000         | 6000           |
| 48,3          | 33         | >3   | 18,63  | S052  | 71A6   | 6000         | 6000           |
| 42,8          | 38         | >3   | 21,04  | S052  | 71A6   | 6000         | 6000           |
| 37,4          | 43         | >3   | 24,07  | S052  | 71A6   | 6000         | 6000           |
| 34,9          | 46         | >3   | 25,79  | S052  | 71A6   | 6000         | 6000           |
| 32,4          | 50         | >3   | 27,81  | S052  | 71A6   | 6000         | 6000           |
| 30,0          | 54         | >3   | 30,00  | S052  | 71A6   | 6000         | 6000           |
| 27,6          | 58         | >3   | 32,55  | S052  | 71A6   | 6000         | 6000           |
| 24,6          | 66         | >3   | 36,55  | S052  | 71A6   | 6000         | 6000           |
| 22,6          | 72         | >3   | 39,90  | S052  | 71A6   | 6000         | 6000           |
| 21,1          | 77         | >3   | 42,63  | S052  | 71A6   | 6000         | 6000           |
| 19,1          | 85         | >3   | 47,20  | S052  | 71A6   | 6000         | 6000           |
| 17,2          | 97         | >3   | 52,25  | S052  | 71A6   | 6000         | 6000           |
| 15,6          | 107        | >3   | 57,86  | S052  | 71A6   | 6000         | 6000           |
| 12,4          | 135        | 2,7  | 72,83  | S052  | 71A6   | 6000         | 6000           |
| 12,1          | 135        | 2,7  | 74,20  | S053  | 71A6   | 6000         | 6000           |
| 9,4           | 174        | 2,1  | 95,84  | S053  | 71A6   | 6000         | 6000           |
| 7,7           | 213        | 1,7  | 117,48 | S053  | 71A6   | 6000         | 6000           |
| 6,5           | 249        | 1,5  | 137,45 | S053  | 71A6   | 6000         | 6000           |
| 5,1           | 322        | 1,1  | 177,55 | S053  | 71A6   | 6000         | 6000           |
| 4,5           | 360        | 1,0  | 198,45 | S053  | 71A6   | 6000         | 6000           |
| 4,1           | 395        | 0,9  | 217,64 | S053  | 71A6   | 6000         | 6000           |
| 9,0           | 181        | >3   | 99,89  | S063  | 71A6   | 10000        | 4000           |
| 7,1           | 229        | 2,7  | 126,43 | S063  | 71A6   | 10000        | 4000           |
| 6,0           | 274        | 2,3  | 150,85 | S063  | 71A6   | 10000        | 4000           |
| 4,9           | 336        | 1,9  | 185,05 | S063  | 71A6   | 10000        | 4000           |
| 4,1           | 395        | 1,6  | 217,79 | S063  | 71A6   | 10000        | 4000           |
| 3,4           | 484        | 1,3  | 267,16 | S063  | 71A6   | 10000        | 4000           |
| 5,7           | 288        | >3   | 158,76 | S083  | 71A6   | 18000        | 7200           |
| 4,9           | 335        | >3   | 184,88 | S083  | 71A6   | 18000        | 7200           |
| 4,4           | 368        | 2,9  | 203,11 | S083  | 71A6   | 18000        | 7200           |
| 3,6           | 454        | 2,3  | 250,50 | S083  | 71A6   | 18000        | 7200           |
| 3,1           | 530        | 2,0  | 292,36 | S083  | 71A6   | 18000        | 7200           |
| 2,9           | 573        | 1,8  | 315,73 | S083  | 71A6   | 18000        | 7200           |
| 2,5           | 654        | 1,6  | 360,58 | S083  | 71A6   | 18000        | 7200           |
| 3,3           | 497        | >3   | 274,20 | S103  | 71A6   | 22000        | 9000           |
| 2,8           | 582        | 2,9  | 320,79 | S103  | 71A6   | 22000        | 9000           |
| 2,6           | 627        | 2,7  | 345,60 | S103  | 71A6   | 22000        | 9000           |
| 2,3           | 716        | 2,3  | 394,69 | S103  | 71A6   | 22000        | 9000           |

**0,37 kW**

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i     |  |  | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|-------|---|--|--------------|----------------|
| 324,4         | 10         | >3   | 8,63  | S052  | 71A2   | 3290         | 3290           |
| 251,3         | 13         | >3   | 11,14 | S052  | 71A2   | 3553         | 3553           |
| 205,0         | 16         | >3   | 13,66 | S052  | 71A2   | 3760         | 3760           |
| 183,4         | 18         | >3   | 15,27 | S052  | 71A2   | 3777         | 3777           |

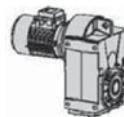


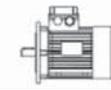
Performance / 馬力選擇表 - S 型軸上型齒輪減速機

摩 托 迪 克

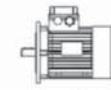
0,37 kW

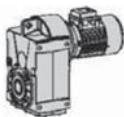
| n2<br>[1/min] | M2<br>[Nm] | f,S, | i      |      |      | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|--------|------|------|--------------|----------------|
| 171,9         | 20         | >3   | 16,29  | S052 | 71A2 | 3887         | 3887           |
| 150,3         | 22         | >3   | 18,63  | S052 | 71A2 | 4125         | 4125           |
| 133,1         | 25         | >3   | 21,04  | S052 | 71A2 | 4236         | 4236           |
| 116,3         | 29         | >3   | 24,07  | S052 | 71A2 | 4495         | 4495           |
| 108,6         | 31         | >3   | 25,79  | S052 | 71A2 | 4463         | 4463           |
| 100,7         | 34         | >3   | 27,81  | S052 | 71A2 | 4618         | 4618           |
| 162,2         | 22         | >3   | 8,63   | S052 | 71B4 | 4217         | 4217           |
| 125,7         | 28         | >3   | 11,14  | S052 | 71B4 | 4553         | 4553           |
| 102,5         | 34         | >3   | 13,66  | S052 | 71B4 | 4795         | 4795           |
| 91,7          | 38         | >3   | 15,27  | S052 | 71B4 | 4943         | 4943           |
| 85,9          | 41         | >3   | 16,29  | S052 | 71B4 | 5053         | 5053           |
| 75,1          | 47         | >3   | 18,63  | S052 | 71B4 | 5236         | 5236           |
| 66,5          | 53         | >3   | 21,04  | S052 | 71B4 | 5415         | 5415           |
| 58,2          | 60         | >3   | 24,07  | S052 | 71B4 | 5618         | 5618           |
| 54,3          | 64         | >3   | 25,79  | S052 | 71B4 | 5723         | 5723           |
| 50,3          | 69         | >3   | 27,81  | S052 | 71B4 | 5838         | 5838           |
| 46,7          | 73         | >3   | 30,00  | S052 | 71B4 | 6000         | 6000           |
| 43,0          | 79         | >3   | 32,55  | S052 | 71B4 | 6000         | 6000           |
| 38,3          | 89         | >3   | 36,55  | S052 | 71B4 | 6000         | 6000           |
| 35,1          | 97         | >3   | 39,90  | S052 | 71B4 | 6000         | 6000           |
| 32,8          | 103        | >3   | 42,63  | S052 | 71B4 | 6000         | 6000           |
| 29,7          | 114        | >3   | 47,20  | S052 | 71B4 | 6000         | 6000           |
| 26,8          | 127        | 2,8  | 52,25  | S052 | 71B4 | 6000         | 6000           |
| 24,2          | 140        | 2,5  | 57,86  | S052 | 71B4 | 6000         | 6000           |
| 19,2          | 176        | 2,0  | 72,83  | S052 | 71B4 | 6000         | 6000           |
| 48,3          | 71         | >3   | 18,63  | S052 | 80A6 | 6000         | 6000           |
| 42,8          | 80         | >3   | 21,04  | S052 | 80A6 | 6000         | 6000           |
| 37,4          | 92         | >3   | 24,07  | S052 | 80A6 | 6000         | 6000           |
| 34,9          | 98         | >3   | 25,79  | S052 | 80A6 | 6000         | 6000           |
| 32,4          | 106        | 2,9  | 27,81  | S052 | 80A6 | 6000         | 6000           |
| 30,0          | 114        | 2,7  | 30,00  | S052 | 80A6 | 6000         | 6000           |
| 27,6          | 124        | 2,5  | 32,55  | S052 | 80A6 | 6000         | 6000           |
| 24,6          | 139        | 2,5  | 36,55  | S052 | 80A6 | 6000         | 6000           |
| 22,6          | 152        | 2,4  | 39,90  | S052 | 80A6 | 6000         | 6000           |
| 21,1          | 162        | 2,3  | 42,63  | S052 | 80A6 | 6000         | 6000           |
| 19,1          | 180        | 2,0  | 47,20  | S052 | 80A6 | 6000         | 6000           |
| 17,2          | 199        | 1,8  | 52,25  | S052 | 80A6 | 6000         | 6000           |
| 15,6          | 220        | 1,7  | 57,86  | S052 | 80A6 | 6000         | 6000           |
| 12,4          | 277        | 1,3  | 72,83  | S052 | 80A6 | 6000         | 6000           |
| 18,9          | 176        | 2,0  | 74,20  | S053 | 71B4 | 6000         | 6000           |
| 14,6          | 227        | 1,5  | 95,84  | S053 | 71B4 | 6000         | 6000           |
| 11,9          | 279        | 1,3  | 117,48 | S053 | 71B4 | 6000         | 6000           |
| 10,2          | 326        | 1,1  | 137,45 | S053 | 71B4 | 6000         | 6000           |
| 17,2          | 193        | >3   | 81,43  | S063 | 71B4 | 10000        | 4000           |
| 14,0          | 237        | 2,5  | 99,89  | S063 | 71B4 | 10000        | 4000           |
| 11,1          | 300        | 2,0  | 126,43 | S063 | 71B4 | 10000        | 4000           |
| 9,3           | 358        | 1,7  | 150,85 | S063 | 71B4 | 10000        | 4000           |
| 7,6           | 439        | 1,4  | 185,05 | S063 | 71B4 | 10000        | 4000           |
| 6,4           | 517        | 1,2  | 217,79 | S063 | 71B4 | 10000        | 4000           |
| 5,2           | 634        | 0,9  | 267,16 | S063 | 71B4 | 10000        | 4000           |
| 11,1          | 304        | 2,1  | 81,43  | S063 | 80A6 | 10000        | 4000           |
| 9,0           | 372        | 1,7  | 99,89  | S063 | 80A6 | 10000        | 4000           |
| 7,1           | 471        | 1,3  | 126,43 | S063 | 80A6 | 10000        | 4000           |


**Performance / 馬力選擇表 – S型軸上型齒輪減速機**
**摩 托 迪 克**
**0,37 kW**

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i      |  |  | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|--------|---|--|--------------|----------------|
| 6,0           | 562        | 1,1  | 150,85 | S063  | 80A6   | 10000        | 4000           |
| 4,9           | 690        | 0,9  | 185,05 | S063  | 80A6   | 10000        | 4000           |
| 11,9          | 278        | >3   | 117,17 | S083  | 71B4   | 18000        | 7200           |
| 10,9          | 305        | >3   | 128,73 | S083  | 71B4   | 18000        | 7200           |
| 8,8           | 377        | 2,7  | 158,76 | S083  | 71B4   | 18000        | 7200           |
| 7,6           | 439        | 2,3  | 184,88 | S083  | 71B4   | 18000        | 7200           |
| 6,9           | 482        | 2,1  | 203,11 | S083  | 71B4   | 18000        | 7200           |
| 5,6           | 594        | 1,7  | 250,50 | S083  | 71B4   | 18000        | 7200           |
| 4,8           | 694        | 1,4  | 292,36 | S083  | 71B4   | 18000        | 7200           |
| 4,4           | 749        | 1,3  | 315,73 | S083  | 71B4   | 18000        | 7200           |
| 3,9           | 855        | 1,2  | 360,58 | S083  | 71B4   | 18000        | 7200           |
| 12,1          | 277        | >3   | 74,18  | S083  | 80A6   | 18000        | 7200           |
| 9,8           | 341        | >3   | 91,49  | S083  | 80A6   | 18000        | 7200           |
| 7,7           | 437        | 2,4  | 117,17 | S083  | 80A6   | 18000        | 7200           |
| 7,0           | 480        | 2,2  | 128,73 | S083  | 80A6   | 18000        | 7200           |
| 5,7           | 592        | 1,8  | 158,76 | S083  | 80A6   | 18000        | 7200           |
| 4,9           | 689        | 1,5  | 184,88 | S083  | 80A6   | 18000        | 7200           |
| 4,4           | 757        | 1,4  | 203,11 | S083  | 80A6   | 18000        | 7200           |
| 3,6           | 934        | 1,1  | 250,50 | S083  | 80A6   | 18000        | 7200           |
| 3,1           | 1090       | 1,0  | 292,36 | S083  | 80A6   | 18000        | 7200           |
| 8,1           | 412        | >3   | 173,78 | S103  | 71B4   | 22000        | 9000           |
| 6,9           | 482        | >3   | 203,11 | S103  | 71B4   | 22000        | 9000           |
| 6,3           | 529        | 3,0  | 222,85 | S103  | 71B4   | 22000        | 9000           |
| 5,1           | 651        | 2,5  | 274,20 | S103  | 71B4   | 22000        | 9000           |
| 4,4           | 761        | 2,1  | 320,79 | S103  | 71B4   | 22000        | 9000           |
| 4,1           | 820        | 2,0  | 345,60 | S103  | 71B4   | 22000        | 9000           |
| 3,5           | 936        | 1,7  | 394,69 | S103  | 71B4   | 22000        | 9000           |
| 7,0           | 480        | >3   | 128,73 | S103  | 80A6   | 22000        | 9000           |
| 6,4           | 526        | >3   | 141,24 | S103  | 80A6   | 22000        | 9000           |
| 5,2           | 648        | 2,6  | 173,78 | S103  | 80A6   | 22000        | 9000           |
| 4,4           | 757        | 2,2  | 203,11 | S103  | 80A6   | 22000        | 9000           |
| 4,0           | 831        | 2,0  | 222,85 | S103  | 80A6   | 22000        | 9000           |
| 3,3           | 1022       | 1,6  | 274,20 | S103  | 80A6   | 22000        | 9000           |
| 2,8           | 1196       | 1,4  | 320,79 | S103  | 80A6   | 22000        | 9000           |
| 2,6           | 1288       | 1,3  | 345,60 | S103  | 80A6   | 22000        | 9000           |
| 2,3           | 1471       | 1,1  | 394,69 | S103  | 80A6   | 22000        | 9000           |
| 3,8           | 891        | >3   | 238,93 | S123  | 80A6   | 30000        | 11200          |
| 3,2           | 1044       | 3,0  | 280,10 | S123  | 80A6   | 30000        | 11200          |
| 3,0           | 1123       | 2,8  | 301,16 | S123  | 80A6   | 30000        | 11200          |
| 2,6           | 1282       | 2,5  | 343,93 | S123  | 80A6   | 30000        | 11200          |

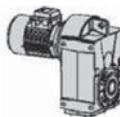
**0,55 kW**

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i     |  |  | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|-------|---|--|--------------|----------------|
| 162,2         | 31         | >3   | 8,63  | S052  | 71C4   | 4150         | 4150           |
| 125,7         | 41         | >3   | 11,14 | S052  | 71C4   | 4480         | 4480           |
| 102,5         | 50         | >3   | 13,66 | S052  | 71C4   | 4740         | 4740           |
| 91,7          | 56         | >3   | 15,27 | S052  | 71C4   | 4765         | 4765           |
| 85,9          | 59         | >3   | 16,29 | S052  | 71C4   | 4903         | 4903           |

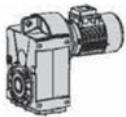


**0,55 kW**

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i      |      |      | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|--------|------|------|--------------|----------------|
| 75,1          | 67         | >3   | 18,63  | S052 | 71C4 | 5236         | 5236           |
| 66,6          | 76         | >3   | 21,04  | S052 | 71C4 | 5415         | 5415           |
| 58,2          | 87         | >3   | 24,07  | S052 | 71C4 | 5618         | 5618           |
| 54,3          | 93         | >3   | 25,79  | S052 | 71C4 | 5723         | 5723           |
| 50,3          | 100        | 2,9  | 27,81  | S052 | 71C4 | 5838         | 5838           |
| 46,7          | 108        | 2,7  | 30,00  | S052 | 71C4 | 5955         | 5955           |
| 43,0          | 117        | 2,6  | 32,55  | S052 | 71C4 | 6000         | 6000           |
| 38,3          | 132        | 2,5  | 36,55  | S052 | 71C4 | 6000         | 6000           |
| 35,1          | 144        | 2,4  | 39,90  | S052 | 71C4 | 6000         | 6000           |
| 32,8          | 154        | 2,3  | 42,63  | S052 | 71C4 | 6000         | 6000           |
| 29,7          | 170        | 2,1  | 47,20  | S052 | 71C4 | 6000         | 6000           |
| 26,8          | 188        | 1,9  | 52,25  | S052 | 71C4 | 6000         | 6000           |
| 24,2          | 208        | 1,7  | 57,86  | S052 | 71C4 | 6000         | 6000           |
| 19,2          | 262        | 1,3  | 72,83  | S052 | 71C4 | 6000         | 6000           |
| 18,9          | 262        | 1,3  | 74,20  | S053 | 71C4 | 6000         | 6000           |
| 14,6          | 338        | 1,0  | 95,84  | S053 | 71C4 | 6000         | 6000           |
| 32,1          | 157        | >3   | 43,64  | S062 | 71C4 | 10000        | 4000           |
| 30,4          | 166        | >3   | 46,10  | S062 | 71C4 | 10000        | 4000           |
| 26,2          | 193        | >3   | 53,53  | S062 | 71C4 | 10000        | 4000           |
| 25,5          | 198        | 3,0  | 55,00  | S062 | 71C4 | 10000        | 4000           |
| 20,8          | 243        | 2,5  | 67,47  | S062 | 71C4 | 10000        | 4000           |
| 17,2          | 287        | 2,1  | 81,43  | S063 | 71C4 | 10000        | 4000           |
| 14,0          | 352        | 1,7  | 99,89  | S063 | 71C4 | 10000        | 4000           |
| 11,1          | 446        | 1,3  | 126,43 | S063 | 71C4 | 10000        | 4000           |
| 9,3           | 532        | 1,1  | 150,85 | S063 | 71C4 | 10000        | 4000           |
| 7,6           | 653        | 0,9  | 185,05 | S063 | 71C4 | 10000        | 4000           |
| 18,9          | 262        | >3   | 74,18  | S083 | 71C4 | 18000        | 7200           |
| 15,3          | 323        | >3   | 91,49  | S083 | 71C4 | 18000        | 7200           |
| 11,9          | 413        | 2,4  | 117,17 | S083 | 71C4 | 18000        | 7200           |
| 10,9          | 454        | 2,2  | 128,73 | S083 | 71C4 | 18000        | 7200           |
| 8,8           | 560        | 1,8  | 158,76 | S083 | 71C4 | 18000        | 7200           |
| 7,6           | 652        | 1,5  | 184,88 | S083 | 71C4 | 18000        | 7200           |
| 6,9           | 716        | 1,4  | 203,11 | S083 | 71C4 | 18000        | 7200           |
| 5,6           | 883        | 1,1  | 250,5  | S083 | 71C4 | 18000        | 7200           |
| 4,8           | 1031       | 1,0  | 292,36 | S083 | 71C4 | 18000        | 7200           |
| 10,9          | 454        | >3   | 128,73 | S103 | 71C4 | 22000        | 9000           |
| 9,9           | 498        | >3   | 141,24 | S103 | 71C4 | 22000        | 9000           |
| 8,1           | 613        | 2,6  | 173,78 | S103 | 71C4 | 22000        | 9000           |
| 6,9           | 716        | 2,2  | 203,11 | S103 | 71C4 | 22000        | 9000           |
| 6,3           | 786        | 2,0  | 222,85 | S103 | 71C4 | 22000        | 9000           |
| 5,1           | 967        | 1,7  | 274,20 | S103 | 71C4 | 22000        | 9000           |
| 4,4           | 1131       | 1,4  | 320,79 | S103 | 71C4 | 22000        | 9000           |
| 4,1           | 1219       | 1,3  | 345,60 | S103 | 71C4 | 22000        | 9000           |
| 3,5           | 1392       | 1,1  | 394,69 | S103 | 71C4 | 22000        | 9000           |
| 5,9           | 843        | >3   | 238,93 | S123 | 80A4 | 30000        | 11200          |
| 5,0           | 988        | 3,0  | 280,10 | S123 | 80A4 | 30000        | 11200          |
| 4,6           | 1062       | 2,8  | 301,16 | S123 | 80A4 | 30000        | 11200          |
| 4,1           | 1213       | 2,5  | 343,93 | S123 | 80A4 | 30000        | 11200          |


**Performance / 馬力選擇表 – S 型軸上型齒輪減速機**
**摩 托 迪 克**
**0,75 kW**

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i     |      |           | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|-------|------|-----------|--------------|----------------|
| 324,4         | 22         | >3   | 8,63  | S052 | 71C2/80A2 | 3375         | 3375           |
| 251,3         | 28         | >3   | 11,14 | S052 | 71C2/80A2 | 3644         | 3644           |
| 205,0         | 34         | >3   | 13,66 | S052 | 71C2/80A2 | 3857         | 3857           |
| 183,4         | 38         | >3   | 15,27 | S052 | 71C2/80A2 | 3874         | 3874           |
| 171,9         | 41         | >3   | 16,29 | S052 | 71C2/80A2 | 3987         | 3987           |
| 150,3         | 47         | >3   | 18,63 | S052 | 71C2/80A2 | 4231         | 4231           |
| 133,1         | 50         | >3   | 21,04 | S052 | 71C2/80A2 | 4369         | 4369           |
| 116,3         | 57         | >3   | 24,07 | S052 | 71C2/80A2 | 4538         | 4538           |
| 108,6         | 61         | >3   | 25,79 | S052 | 71C2/80A2 | 4627         | 4627           |
| 100,7         | 66         | >3   | 27,81 | S052 | 71C2/80A2 | 4725         | 4725           |
| 93,3          | 71         | >3   | 30,00 | S052 | 71C2/80A2 | 4824         | 4824           |
| 86,0          | 77         | 2,9  | 32,55 | S052 | 71C2/80A2 | 4932         | 4932           |
| 76,6          | 87         | 2,9  | 36,55 | S052 | 71C2/80A2 | 5086         | 5086           |
| 70,2          | 95         | 2,8  | 39,90 | S052 | 71C2/80A2 | 5205         | 5205           |
| 65,7          | 101        | 2,6  | 42,63 | S052 | 71C2/80A2 | 5294         | 5294           |
| 59,3          | 112        | 2,3  | 47,20 | S052 | 71C2/80A2 | 5432         | 5432           |
| 53,6          | 124        | 2,1  | 52,25 | S052 | 71C2/80A2 | 5570         | 5570           |
| 48,4          | 137        | 1,9  | 57,86 | S052 | 71C2/80A2 | 5708         | 5708           |
| 38,4          | 173        | 1,5  | 72,83 | S052 | 71C2/80A2 | 6000         | 6000           |
| 162,2         | 42         | >3   | 8,63  | S052 | 80B4      | 4103         | 4103           |
| 125,7         | 55         | >3   | 11,14 | S052 | 80B4      | 4430         | 4430           |
| 102,5         | 67         | >3   | 13,66 | S052 | 80B4      | 4688         | 4688           |
| 91,7          | 75         | >3   | 15,27 | S052 | 80B4      | 4833         | 4833           |
| 86,0          | 80         | 3,0  | 16,29 | S052 | 80B4      | 4916         | 4916           |
| 75,1          | 92         | 2,6  | 18,63 | S052 | 80B4      | 5094         | 5094           |
| 66,6          | 103        | 2,5  | 21,04 | S052 | 80B4      | 5255         | 5255           |
| 58,2          | 118        | 2,2  | 24,07 | S052 | 80B4      | 5435         | 5435           |
| 54,3          | 127        | 2,3  | 25,79 | S052 | 80B4      | 5527         | 5527           |
| 50,3          | 137        | 2,1  | 27,81 | S052 | 80B4      | 5627         | 5627           |
| 46,7          | 147        | 2,0  | 30,00 | S052 | 80B4      | 5727         | 5727           |
| 43,0          | 160        | 1,9  | 32,55 | S052 | 80B4      | 5834         | 5834           |
| 38,3          | 179        | 1,8  | 36,55 | S052 | 80B4      | 5983         | 5983           |
| 35,1          | 196        | 1,8  | 39,90 | S052 | 80B4      | 6000         | 6000           |
| 32,8          | 209        | 1,7  | 42,63 | S052 | 80B4      | 6000         | 6000           |
| 29,7          | 232        | 1,5  | 47,20 | S052 | 80B4      | 6000         | 6000           |
| 26,8          | 257        | 1,4  | 52,25 | S052 | 80B4      | 6000         | 6000           |
| 24,2          | 284        | 1,2  | 57,86 | S052 | 80B4      | 6000         | 6000           |
| 19,2          | 358        | 1,0  | 72,83 | S052 | 80B4      | 6000         | 6000           |
| 104,3         | 67         | 2,7  | 8,63  | S052 | 80C6/90S6 | 4661         | 4661           |
| 80,8          | 86         | 2,3  | 11,14 | S052 | 80C6/90S6 | 4993         | 4993           |
| 65,9          | 105        | 2,1  | 13,66 | S052 | 80C6/90S6 | 5262         | 5262           |
| 58,9          | 118        | 2,1  | 15,27 | S052 | 80C6/90S6 | 5411         | 5411           |
| 55,3          | 126        | 2,0  | 16,29 | S052 | 80C6/90S6 | 5496         | 5496           |
| 48,3          | 144        | 1,8  | 18,63 | S052 | 80C6/90S6 | 5673         | 5673           |
| 42,8          | 162        | 1,7  | 21,04 | S052 | 80C6/90S6 | 5832         | 5832           |
| 37,4          | 186        | 1,5  | 24,07 | S052 | 80C6/90S6 | 6000         | 6000           |
| 34,9          | 199        | 1,5  | 25,79 | S052 | 80C6/90S6 | 6000         | 6000           |
| 32,4          | 215        | 1,4  | 27,81 | S052 | 80C6/90S6 | 6000         | 6000           |
| 30,0          | 231        | 1,3  | 30,00 | S052 | 80C6/90S6 | 6000         | 6000           |
| 27,6          | 251        | 1,3  | 32,55 | S052 | 80C6/90S6 | 6000         | 6000           |
| 24,6          | 282        | 1,2  | 36,55 | S052 | 80C6/90S6 | 6000         | 6000           |
| 22,6          | 308        | 1,2  | 39,90 | S052 | 80C6/90S6 | 6000         | 6000           |
| 21,1          | 329        | 1,1  | 42,63 | S052 | 80C6/90S6 | 6000         | 6000           |

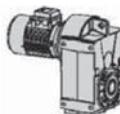


Performance / 馬力選擇表 - S型軸上型齒輪減速機

摩 托 迪 克

0,75 kW

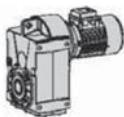
| n2<br>[1/min] | M2<br>[Nm] | f,S, | i      |      |           | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|--------|------|-----------|--------------|----------------|
| 19,1          | 364        | 1,0  | 47,20  | S052 | 80C6/90S6 | 6000         | 6000           |
| 17,2          | 403        | 0,9  | 52,25  | S052 | 80C6/90S6 | 6000         | 6000           |
| 55,7          | 123        | >3   | 25,14  | S062 | 80B4      | 9895         | 3958           |
| 50,6          | 136        | >3   | 27,66  | S062 | 80B4      | 10000        | 4000           |
| 46,7          | 147        | >3   | 30,00  | S062 | 80B4      | 10000        | 4000           |
| 41,3          | 167        | >3   | 33,93  | S062 | 80B4      | 10000        | 4000           |
| 38,3          | 180        | >3   | 36,57  | S062 | 80B4      | 10000        | 4000           |
| 35,6          | 193        | >3   | 39,38  | S062 | 80B4      | 10000        | 4000           |
| 32,1          | 214        | 2,8  | 43,64  | S062 | 80B4      | 10000        | 4000           |
| 30,4          | 226        | 2,7  | 46,10  | S062 | 80B4      | 10000        | 4000           |
| 26,2          | 263        | 2,3  | 53,53  | S062 | 80B4      | 10000        | 4000           |
| 25,5          | 270        | 2,2  | 55,00  | S062 | 80B4      | 10000        | 4000           |
| 20,8          | 331        | 1,8  | 67,47  | S062 | 80B4      | 10000        | 4000           |
| 56,5          | 123        | >3   | 15,94  | S062 | 80C6/90S6 | 9848         | 3939           |
| 46,0          | 151        | >3   | 19,55  | S062 | 80C6/90S6 | 10000        | 4000           |
| 38,8          | 179        | 2,8  | 23,18  | S062 | 80C6/90S6 | 10000        | 4000           |
| 35,8          | 194        | 2,6  | 25,14  | S062 | 80C6/90S6 | 10000        | 4000           |
| 32,5          | 213        | 2,4  | 27,66  | S062 | 80C6/90S6 | 10000        | 4000           |
| 30,0          | 231        | 2,3  | 30,00  | S062 | 80C6/90S6 | 10000        | 4000           |
| 26,5          | 262        | 2,2  | 33,93  | S062 | 80C6/90S6 | 10000        | 4000           |
| 24,6          | 282        | 2,2  | 36,57  | S062 | 80C6/90S6 | 10000        | 4000           |
| 22,9          | 304        | 2,1  | 39,38  | S062 | 80C6/90S6 | 10000        | 4000           |
| 20,6          | 337        | 1,9  | 43,64  | S062 | 80C6/90S6 | 10000        | 4000           |
| 19,5          | 356        | 1,8  | 46,10  | S062 | 80C6/90S6 | 10000        | 4000           |
| 16,8          | 413        | 1,5  | 53,53  | S062 | 80C6/90S6 | 10000        | 4000           |
| 16,4          | 424        | 1,5  | 55,00  | S062 | 80C6/90S6 | 10000        | 4000           |
| 13,3          | 521        | 1,2  | 67,47  | S062 | 80C6/90S6 | 10000        | 4000           |
| 17,2          | 392        | 1,5  | 81,43  | S063 | 80B4      | 10000        | 4000           |
| 14,0          | 480        | 1,2  | 99,89  | S063 | 80B4      | 10000        | 4000           |
| 11,1          | 608        | 1,0  | 126,43 | S063 | 80B4      | 10000        | 4000           |
| 25,8          | 267        | >3   | 54,27  | S082 | 80B4      | 18000        | 7200           |
| 22,6          | 304        | >3   | 61,98  | S082 | 80B4      | 18000        | 7200           |
| 25,8          | 269        | >3   | 34,91  | S082 | 80C6/90S6 | 18000        | 7200           |
| 22,5          | 309        | >3   | 40,05  | S082 | 80C6/90S6 | 18000        | 7200           |
| 20,9          | 332        | >3   | 43,05  | S082 | 80C6/90S6 | 18000        | 7200           |
| 17,9          | 388        | 2,7  | 50,25  | S082 | 80C6/90S6 | 18000        | 7200           |
| 16,6          | 419        | 2,5  | 54,27  | S082 | 80C6/90S6 | 18000        | 7200           |
| 14,5          | 478        | 2,2  | 61,98  | S082 | 80C6/90S6 | 18000        | 7200           |
| 20,7          | 325        | >3   | 67,52  | S083 | 80B4      | 18000        | 7200           |
| 18,9          | 357        | 2,8  | 74,18  | S083 | 80B4      | 18000        | 7200           |
| 15,3          | 440        | 2,3  | 91,49  | S083 | 80B4      | 18000        | 7200           |
| 11,9          | 564        | 1,8  | 117,17 | S083 | 80B4      | 18000        | 7200           |
| 10,9          | 619        | 1,6  | 128,73 | S083 | 80B4      | 18000        | 7200           |
| 8,8           | 764        | 1,3  | 158,76 | S083 | 80B4      | 18000        | 7200           |
| 7,6           | 889        | 1,1  | 184,88 | S083 | 80B4      | 18000        | 7200           |
| 6,9           | 977        | 1,0  | 203,11 | S083 | 80B4      | 18000        | 7200           |
| 13,3          | 510        | 2,1  | 67,52  | S083 | 80C6/90S6 | 18000        | 7200           |
| 12,1          | 560        | 1,9  | 74,18  | S083 | 80C6/90S6 | 18000        | 7200           |
| 9,8           | 691        | 1,5  | 91,49  | S083 | 80C6/90S6 | 18000        | 7200           |
| 7,7           | 885        | 1,2  | 117,17 | S083 | 80C6/90S6 | 18000        | 7200           |
| 7,0           | 973        | 1,1  | 128,73 | S083 | 80C6/90S6 | 18000        | 7200           |
| 16,3          | 425        | >3   | 55,14  | S102 | 80C6/90S6 | 22000        | 9000           |
| 15,2          | 458        | >3   | 59,40  | S102 | 80C6/90S6 | 22000        | 9000           |


**Performance / 馬力選擇表 – S型軸上型齒輪減速機**
**摩 托 迪 克**
**0,75 kW**

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i      |      |           | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|--------|------|-----------|--------------|----------------|
| 13,3          | 523        | >3   | 67,84  | S102 | 80C6/90S6 | 22000        | 9000           |
| 14,0          | 482        | >3   | 100,15 | S103 | 80B4      | 22000        | 9000           |
| 12,7          | 532        | 3,0  | 110,55 | S103 | 80B4      | 22000        | 9000           |
| 10,9          | 619        | 2,6  | 128,73 | S103 | 80B4      | 22000        | 9000           |
| 9,9           | 679        | 2,4  | 141,24 | S103 | 80B4      | 22000        | 9000           |
| 8,1           | 836        | 1,9  | 173,78 | S103 | 80B4      | 22000        | 9000           |
| 6,9           | 977        | 1,6  | 203,11 | S103 | 80B4      | 22000        | 9000           |
| 6,3           | 1072       | 1,5  | 222,85 | S103 | 80B4      | 22000        | 9000           |
| 5,1           | 1319       | 1,2  | 274,20 | S103 | 80B4      | 22000        | 9000           |
| 4,4           | 1543       | 1,0  | 320,79 | S103 | 80B4      | 22000        | 9000           |
| 4,1           | 1662       | 1,0  | 345,60 | S103 | 80B4      | 22000        | 9000           |
| 12,1          | 560        | 3,0  | 74,18  | S103 | 80C6/90S6 | 22000        | 9000           |
| 11,1          | 615        | 2,7  | 81,39  | S103 | 80C6/90S6 | 22000        | 9000           |
| 9,0           | 757        | 2,2  | 100,15 | S103 | 80C6/90S6 | 22000        | 9000           |
| 8,1           | 835        | 2,0  | 110,55 | S103 | 80C6/90S6 | 22000        | 9000           |
| 7,0           | 973        | 1,7  | 128,73 | S103 | 80C6/90S6 | 22000        | 9000           |
| 6,4           | 1067       | 1,6  | 141,24 | S103 | 80C6/90S6 | 22000        | 9000           |
| 5,2           | 1313       | 1,3  | 173,78 | S103 | 80C6/90S6 | 22000        | 9000           |
| 4,4           | 1535       | 1,1  | 203,11 | S103 | 80C6/90S6 | 22000        | 9000           |
| 4,0           | 1684       | 1,0  | 222,85 | S103 | 80C6/90S6 | 22000        | 9000           |
| 7,9           | 854        | >3   | 177,53 | S123 | 80B4      | 30000        | 11200          |
| 7,2           | 936        | >3   | 194,59 | S123 | 80B4      | 30000        | 11200          |
| 5,9           | 1149       | 2,6  | 238,93 | S123 | 80B4      | 30000        | 11200          |
| 5,0           | 1347       | 2,2  | 280,10 | S123 | 80B4      | 30000        | 11200          |
| 4,6           | 1448       | 2,1  | 301,16 | S123 | 80B4      | 30000        | 11200          |
| 4,1           | 1654       | 1,8  | 343,93 | S123 | 80B4      | 30000        | 11200          |
| 8,0           | 850        | >3   | 112,52 | S123 | 80C6/90S6 | 30000        | 11200          |
| 7,3           | 932        | >3   | 123,33 | S123 | 80C6/90S6 | 30000        | 11200          |
| 6,7           | 1011       | >3   | 133,78 | S123 | 80C6/90S6 | 30000        | 11200          |
| 5,9           | 1144       | 2,8  | 151,43 | S123 | 80C6/90S6 | 30000        | 11200          |
| 5,1           | 1341       | 2,3  | 177,53 | S123 | 80C6/90S6 | 30000        | 11200          |
| 4,6           | 1470       | 2,1  | 194,59 | S123 | 80C6/90S6 | 30000        | 11200          |
| 3,8           | 1805       | 1,7  | 238,93 | S123 | 80C6/90S6 | 30000        | 11200          |
| 3,2           | 2116       | 1,5  | 280,10 | S123 | 80C6/90S6 | 30000        | 11200          |
| 3,0           | 2275       | 1,4  | 301,16 | S123 | 80C6/90S6 | 30000        | 11200          |
| 2,6           | 2599       | 1,2  | 343,93 | S123 | 80C6/90S6 | 30000        | 11200          |

**1,10 kW**

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i     |      |           | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|-------|------|-----------|--------------|----------------|
| 162,3         | 62         | 2,7  | 8,63  | S052 | 80D4/90S4 | 4002         | 4002           |
| 125,7         | 80         | 2,4  | 11,14 | S052 | 80D4/90S4 | 4281         | 4281           |
| 102,5         | 98         | 2,1  | 13,66 | S052 | 80D4/90S4 | 4506         | 4506           |
| 91,7          | 110        | 2,2  | 15,27 | S052 | 80D4/90S4 | 4629         | 4629           |
| 86,0          | 117        | 2,0  | 16,29 | S052 | 80D4/90S4 | 4700         | 4700           |
| 75,1          | 134        | 1,8  | 18,63 | S052 | 80D4/90S4 | 4846         | 4846           |
| 66,6          | 152        | 1,7  | 21,04 | S052 | 80D4/90S4 | 4975         | 4975           |
| 58,2          | 173        | 1,5  | 24,07 | S052 | 80D4/90S4 | 5114         | 5114           |
| 54,3          | 186        | 1,6  | 25,79 | S052 | 80D4/90S4 | 5183         | 5183           |
| 50,3          | 200        | 1,4  | 27,81 | S052 | 80D4/90S4 | 5257         | 5257           |

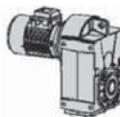


Performance / 馬力選擇表 - S型軸上型齒輪減速機

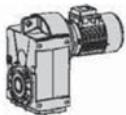
摩 托 迪 克

1,10 kW

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i      |      |           | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|--------|------|-----------|--------------|----------------|
| 46,7          | 216        | 1,3  | 30,00  | S052 | 80D4/90S4 | 5328         | 5328           |
| 43,0          | 234        | 1,3  | 32,55  | S052 | 80D4/90S4 | 5401         | 5401           |
| 38,3          | 263        | 1,3  | 36,55  | S052 | 80D4/90S4 | 5497         | 5497           |
| 35,1          | 287        | 1,2  | 39,90  | S052 | 80D4/90S4 | 5563         | 5563           |
| 32,8          | 307        | 1,1  | 42,63  | S052 | 80D4/90S4 | 5608         | 5608           |
| 29,7          | 340        | 1,0  | 47,20  | S052 | 80D4/90S4 | 5670         | 5670           |
| 26,8          | 376        | 0,9  | 52,25  | S052 | 80D4/90S4 | 5719         | 5719           |
| 87,8          | 115        | >3   | 15,94  | S062 | 80D4/90S4 | 8458         | 3383           |
| 71,6          | 141        | >3   | 19,55  | S062 | 80D4/90S4 | 8934         | 3574           |
| 60,4          | 167        | 2,8  | 23,18  | S062 | 80D4/90S4 | 9336         | 3734           |
| 55,7          | 181        | 2,7  | 25,14  | S062 | 80D4/90S4 | 9529         | 3812           |
| 50,6          | 199        | 2,4  | 27,66  | S062 | 80D4/90S4 | 9756         | 3902           |
| 46,7          | 216        | 2,3  | 30,00  | S062 | 80D4/90S4 | 9948         | 3979           |
| 41,3          | 244        | 2,2  | 33,93  | S062 | 80D4/90S4 | 10000        | 4000           |
| 38,3          | 263        | 2,3  | 36,57  | S062 | 80D4/90S4 | 10000        | 4000           |
| 35,6          | 284        | 2,1  | 39,38  | S062 | 80D4/90S4 | 10000        | 4000           |
| 32,1          | 314        | 1,9  | 43,64  | S062 | 80D4/90S4 | 10000        | 4000           |
| 30,4          | 332        | 1,8  | 46,10  | S062 | 80D4/90S4 | 10000        | 4000           |
| 26,2          | 386        | 1,6  | 53,53  | S062 | 80D4/90S4 | 10000        | 4000           |
| 25,5          | 396        | 1,5  | 55,00  | S062 | 80D4/90S4 | 10000        | 4000           |
| 20,8          | 486        | 1,2  | 67,47  | S062 | 80D4/90S4 | 10000        | 4000           |
| 40,1          | 251        | >3   | 34,91  | S082 | 80D4/90S4 | 18000        | 6378           |
| 35,0          | 289        | >3   | 40,05  | S082 | 80D4/90S4 | 18000        | 6650           |
| 32,5          | 310        | >3   | 43,05  | S082 | 80D4/90S4 | 18000        | 6797           |
| 27,9          | 362        | 2,8  | 50,25  | S082 | 80D4/90S4 | 18000        | 7120           |
| 25,8          | 391        | 2,6  | 54,27  | S082 | 80D4/90S4 | 18000        | 7200           |
| 22,6          | 446        | 2,2  | 61,98  | S082 | 80D4/90S4 | 18000        | 7200           |
| 20,7          | 476        | 2,1  | 67,52  | S083 | 80D4/90S4 | 18000        | 7200           |
| 18,9          | 523        | 1,9  | 74,18  | S083 | 80D4/90S4 | 18000        | 7200           |
| 15,3          | 645        | 1,5  | 91,49  | S083 | 80D4/90S4 | 18000        | 7200           |
| 11,9          | 826        | 1,2  | 117,17 | S083 | 80D4/90S4 | 18000        | 7200           |
| 10,9          | 908        | 1,1  | 128,73 | S083 | 80D4/90S4 | 18000        | 7200           |
| 25,4          | 397        | >3   | 55,14  | S102 | 80D4/90S4 | 22000        | 9000           |
| 23,6          | 428        | >3   | 59,40  | S102 | 80D4/90S4 | 22000        | 9000           |
| 20,6          | 489        | >3   | 67,84  | S102 | 80D4/90S4 | 22000        | 9000           |
| 18,9          | 523        | >3   | 74,18  | S103 | 80D4/90S4 | 22000        | 9000           |
| 17,2          | 574        | 2,8  | 81,39  | S103 | 80D4/90S4 | 22000        | 9000           |
| 14,0          | 706        | 2,3  | 100,15 | S103 | 80D4/90S4 | 22000        | 9000           |
| 12,7          | 780        | 2,1  | 110,55 | S103 | 80D4/90S4 | 22000        | 9000           |
| 10,9          | 908        | 1,8  | 128,73 | S103 | 80D4/90S4 | 22000        | 9000           |
| 9,9           | 996        | 1,6  | 141,24 | S103 | 80D4/90S4 | 22000        | 9000           |
| 8,1           | 1226       | 1,3  | 173,78 | S103 | 80D4/90S4 | 22000        | 9000           |
| 6,9           | 1433       | 1,1  | 203,11 | S103 | 80D4/90S4 | 22000        | 9000           |
| 6,3           | 1572       | 1,0  | 222,85 | S103 | 80D4/90S4 | 22000        | 9000           |
| 12,4          | 794        | >3   | 112,52 | S123 | 80D4/90S4 | 30000        | 11200          |
| 11,4          | 870        | >3   | 123,33 | S123 | 80D4/90S4 | 30000        | 11200          |
| 10,5          | 944        | >3   | 133,78 | S123 | 80D4/90S4 | 30000        | 11200          |
| 9,2           | 1068       | 2,8  | 151,43 | S123 | 80D4/90S4 | 30000        | 11200          |
| 7,9           | 1252       | 2,4  | 177,53 | S123 | 80D4/90S4 | 30000        | 11200          |
| 7,2           | 1372       | 2,2  | 194,59 | S123 | 80D4/90S4 | 30000        | 11200          |
| 5,9           | 1685       | 1,8  | 238,93 | S123 | 80D4/90S4 | 30000        | 11200          |
| 5,0           | 1976       | 1,5  | 280,10 | S123 | 80D4/90S4 | 30000        | 11200          |
| 4,6           | 2124       | 1,4  | 301,16 | S123 | 80D4/90S4 | 30000        | 11200          |
| 4,1           | 2426       | 1,2  | 343,93 | S123 | 80D4/90S4 | 30000        | 11200          |


**Performance / 馬力選擇表 – S 型軸上型齒輪減速機**
**摩 托 迪 克**
**1,50 kW**

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i     |      |           | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|-------|------|-----------|--------------|----------------|
| 324,6         | 41         | >3   | 8,63  | S052 | 80C2/90S2 | 3233         | 3233           |
| 251,3         | 53         | 2,7  | 11,14 | S052 | 80C2/90S2 | 3470         | 3470           |
| 205,0         | 65         | 2,4  | 13,66 | S052 | 80C2/90S2 | 3663         | 3663           |
| 183,3         | 72         | 2,5  | 15,27 | S052 | 80C2/90S2 | 3771         | 3771           |
| 171,9         | 77         | 2,3  | 16,29 | S052 | 80C2/90S2 | 3833         | 3833           |
| 150,3         | 88         | 2,0  | 18,63 | S052 | 80C2/90S2 | 3962         | 3962           |
| 133,1         | 100        | 2,0  | 21,04 | S052 | 80C2/90S2 | 4079         | 4079           |
| 116,3         | 114        | 1,7  | 24,07 | S052 | 80C2/90S2 | 4207         | 4207           |
| 108,6         | 122        | 1,8  | 25,79 | S052 | 80C2/90S2 | 4272         | 4272           |
| 100,7         | 132        | 1,7  | 27,81 | S052 | 80C2/90S2 | 4342         | 4342           |
| 93,3          | 142        | 1,5  | 30,00 | S052 | 80C2/90S2 | 4411         | 4411           |
| 86,0          | 154        | 1,5  | 32,55 | S052 | 80C2/90S2 | 4484         | 4484           |
| 76,6          | 173        | 1,4  | 36,55 | S052 | 80C2/90S2 | 4583         | 4583           |
| 70,2          | 189        | 1,4  | 39,90 | S052 | 80C2/90S2 | 4655         | 4655           |
| 65,7          | 202        | 1,3  | 42,63 | S052 | 80C2/90S2 | 4707         | 4707           |
| 59,3          | 224        | 1,2  | 47,20 | S052 | 80C2/90S2 | 4782         | 4782           |
| 53,6          | 248        | 1,1  | 52,25 | S052 | 80C2/90S2 | 4851         | 4851           |
| 162,3         | 85         | 2,0  | 8,63  | S052 | 90LA4     | 3871         | 3871           |
| 125,7         | 109        | 1,7  | 11,14 | S052 | 90LA4     | 4112         | 4112           |
| 102,5         | 134        | 1,6  | 13,66 | S052 | 90LA4     | 4298         | 4298           |
| 91,7          | 150        | 1,6  | 15,27 | S052 | 90LA4     | 4397         | 4397           |
| 86,0          | 160        | 1,5  | 16,29 | S052 | 90LA4     | 4452         | 4452           |
| 75,1          | 183        | 1,3  | 18,63 | S052 | 90LA4     | 4562         | 4562           |
| 66,6          | 207        | 1,3  | 21,04 | S052 | 90LA4     | 4655         | 4655           |
| 58,2          | 236        | 1,1  | 24,07 | S052 | 90LA4     | 4748         | 4748           |
| 54,3          | 253        | 1,1  | 25,79 | S052 | 90LA4     | 4791         | 4791           |
| 50,3          | 273        | 1,1  | 27,81 | S052 | 90LA4     | 4834         | 4834           |
| 46,7          | 295        | 1,0  | 30,00 | S052 | 90LA4     | 4871         | 4871           |
| 43,0          | 320        | 0,9  | 32,55 | S052 | 90LA4     | 4905         | 4905           |
| 38,3          | 359        | 0,9  | 36,55 | S052 | 90LA4     | 4941         | 4941           |
| 146,7         | 94         | >3   | 9,55  | S062 | 90LA4     | 7162         | 2865           |
| 119,6         | 115        | >3   | 11,71 | S062 | 90LA4     | 7568         | 3027           |
| 104,8         | 131        | >3   | 13,36 | S062 | 90LA4     | 7834         | 3134           |
| 87,8          | 157        | 2,9  | 15,94 | S062 | 90LA4     | 8194         | 3277           |
| 71,6          | 192        | 2,4  | 19,55 | S062 | 90LA4     | 8609         | 3444           |
| 60,4          | 228        | 2,1  | 23,18 | S062 | 90LA4     | 8951         | 3581           |
| 55,7          | 247        | 1,9  | 25,14 | S062 | 90LA4     | 9112         | 3645           |
| 50,6          | 272        | 1,8  | 27,66 | S062 | 90LA4     | 9296         | 3719           |
| 46,7          | 295        | 1,7  | 30,00 | S062 | 90LA4     | 9450         | 3780           |
| 41,3          | 333        | 1,6  | 33,93 | S062 | 90LA4     | 9675         | 3870           |
| 38,3          | 359        | 1,7  | 36,57 | S062 | 90LA4     | 9806         | 3922           |
| 35,6          | 387        | 1,6  | 39,38 | S062 | 90LA4     | 9929         | 3972           |
| 32,1          | 429        | 1,4  | 43,64 | S062 | 90LA4     | 10000        | 4000           |
| 30,4          | 453        | 1,3  | 46,10 | S062 | 90LA4     | 10000        | 4000           |
| 26,2          | 526        | 1,1  | 53,53 | S062 | 90LA4     | 10000        | 4000           |
| 25,5          | 540        | 1,1  | 55,00 | S062 | 90LA4     | 10000        | 4000           |
| 20,8          | 663        | 0,9  | 67,47 | S062 | 90LA4     | 10000        | 4000           |
| 112,5         | 123        | 2,8  | 8,00  | S062 | 100LA6    | 7683         | 3073           |
| 94,3          | 147        | 2,6  | 9,55  | S062 | 100LA6    | 8040         | 3216           |
| 76,9          | 181        | 2,3  | 11,71 | S062 | 100LA6    | 8454         | 3382           |
| 67,4          | 206        | 2,1  | 13,36 | S062 | 100LA6    | 8719         | 3488           |
| 56,5          | 246        | 1,9  | 15,94 | S062 | 100LA6    | 9069         | 3628           |
| 46,0          | 302        | 1,6  | 19,55 | S062 | 100LA6    | 9457         | 3783           |

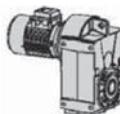


Performance / 馬力選擇表 - S 型軸上型齒輪減速機

摩 托 迪 克

1,50 kW

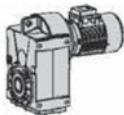
| n2<br>[1/min] | M2<br>[Nm] | f,S, | i     |      |        | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|-------|------|--------|--------------|----------------|
| 38,8          | 358        | 1,4  | 23,18 | S062 | 100LA6 | 9759         | 3904           |
| 35,8          | 388        | 1,3  | 25,14 | S062 | 100LA6 | 9894         | 3958           |
| 32,5          | 427        | 1,2  | 27,66 | S062 | 100LA6 | 10000        | 4000           |
| 30,0          | 463        | 1,1  | 30,00 | S062 | 100LA6 | 10000        | 4000           |
| 26,5          | 524        | 1,1  | 33,93 | S062 | 100LA6 | 10000        | 4000           |
| 24,6          | 564        | 1,1  | 36,57 | S062 | 100LA6 | 10000        | 4000           |
| 22,9          | 608        | 1,0  | 39,38 | S062 | 100LA6 | 10000        | 4000           |
| 20,6          | 673        | 0,9  | 43,64 | S062 | 100LA6 | 10000        | 4000           |
| 69,5          | 198        | >3   | 20,14 | S082 | 90LA4  | 18000        | 5331           |
| 63,3          | 217        | >3   | 22,13 | S082 | 90LA4  | 18000        | 5486           |
| 58,3          | 236        | >3   | 24,00 | S082 | 90LA4  | 18000        | 5624           |
| 51,3          | 268        | >3   | 27,29 | S082 | 90LA4  | 18000        | 5846           |
| 48,8          | 282        | >3   | 28,67 | S082 | 90LA4  | 18000        | 5934           |
| 44,1          | 312        | >3   | 31,78 | S082 | 90LA4  | 18000        | 6119           |
| 40,1          | 343        | 2,9  | 34,91 | S082 | 90LA4  | 18000        | 6293           |
| 35,0          | 393        | 2,5  | 40,05 | S082 | 90LA4  | 18000        | 6552           |
| 32,5          | 423        | 2,4  | 43,05 | S082 | 90LA4  | 18000        | 6691           |
| 27,9          | 494        | 2,0  | 50,25 | S082 | 90LA4  | 18000        | 6996           |
| 25,8          | 533        | 1,9  | 54,27 | S082 | 90LA4  | 18000        | 7151           |
| 22,6          | 609        | 1,6  | 61,98 | S082 | 90LA4  | 18000        | 7200           |
| 57,2          | 243        | >3   | 15,73 | S082 | 100LA6 | 18000        | 5654           |
| 52,0          | 267        | 3,0  | 17,29 | S082 | 100LA6 | 18000        | 5819           |
| 44,7          | 311        | 2,6  | 20,14 | S082 | 100LA6 | 18000        | 6091           |
| 40,7          | 341        | 2,5  | 22,13 | S082 | 100LA6 | 18000        | 6263           |
| 37,5          | 370        | 2,3  | 24,00 | S082 | 100LA6 | 18000        | 6415           |
| 33,0          | 421        | 2,2  | 27,29 | S082 | 100LA6 | 18000        | 6660           |
| 31,4          | 443        | 2,1  | 28,67 | S082 | 100LA6 | 18000        | 6756           |
| 28,3          | 490        | 2,1  | 31,78 | S082 | 100LA6 | 18000        | 6959           |
| 25,8          | 539        | 1,9  | 34,91 | S082 | 100LA6 | 18000        | 7147           |
| 22,5          | 618        | 1,7  | 40,05 | S082 | 100LA6 | 18000        | 7200           |
| 20,9          | 664        | 1,6  | 43,05 | S082 | 100LA6 | 18000        | 7200           |
| 17,9          | 775        | 1,4  | 50,25 | S082 | 100LA6 | 18000        | 7200           |
| 16,6          | 837        | 1,3  | 54,27 | S082 | 100LA6 | 18000        | 7200           |
| 14,5          | 956        | 1,1  | 61,98 | S082 | 100LA6 | 18000        | 7200           |
| 20,7          | 649        | 1,5  | 67,52 | S083 | 90LA4  | 18000        | 7200           |
| 18,9          | 713        | 1,4  | 74,18 | S083 | 90LA4  | 18000        | 7200           |
| 15,3          | 880        | 1,1  | 91,49 | S083 | 90LA4  | 18000        | 7200           |
| 36,6          | 376        | >3   | 38,30 | S102 | 90LA4  | 22000        | 8020           |
| 31,8          | 432        | >3   | 44,00 | S102 | 90LA4  | 22000        | 8368           |
| 29,7          | 463        | >3   | 47,13 | S102 | 90LA4  | 22000        | 8544           |
| 25,4          | 542        | 2,4  | 55,14 | S102 | 90LA4  | 22000        | 8958           |
| 23,6          | 583        | 2,7  | 59,40 | S102 | 90LA4  | 22000        | 9000           |
| 20,6          | 666        | 2,4  | 67,84 | S102 | 90LA4  | 22000        | 9000           |
| 34,2          | 406        | >3   | 26,33 | S102 | 100LA6 | 22000        | 8184           |
| 30,1          | 461        | >3   | 29,87 | S102 | 100LA6 | 22000        | 8504           |
| 27,8          | 500        | >3   | 32,40 | S102 | 100LA6 | 22000        | 8716           |
| 25,8          | 539        | 2,7  | 34,91 | S102 | 100LA6 | 22000        | 8913           |
| 23,5          | 591        | 2,7  | 38,30 | S102 | 100LA6 | 22000        | 9000           |
| 20,5          | 679        | 2,0  | 44,00 | S102 | 100LA6 | 22000        | 9000           |
| 19,1          | 727        | 2,3  | 47,13 | S102 | 100LA6 | 22000        | 9000           |
| 16,3          | 851        | 1,6  | 55,14 | S102 | 100LA6 | 22000        | 9000           |
| 15,2          | 917        | 1,8  | 59,40 | S102 | 100LA6 | 22000        | 9000           |
| 13,3          | 1047       | 1,6  | 67,84 | S102 | 100LA6 | 22000        | 9000           |


**Performance / 馬力選擇表 – S 型軸上型齒輪減速機**
**摩 托 迪 克**
**1,50 kW**

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i      |      |        | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|--------|------|--------|--------------|----------------|
| 18,9          | 713        | 2,2  | 74,18  | S103 | 90LA4  | 22000        | 9000           |
| 17,2          | 783        | 2,0  | 81,39  | S103 | 90LA4  | 22000        | 9000           |
| 14,0          | 963        | 1,7  | 100,15 | S103 | 90LA4  | 22000        | 9000           |
| 12,7          | 1063       | 1,5  | 110,55 | S103 | 90LA4  | 22000        | 9000           |
| 10,9          | 1238       | 1,3  | 128,73 | S103 | 90LA4  | 22000        | 9000           |
| 9,9           | 1358       | 1,2  | 141,24 | S103 | 90LA4  | 22000        | 9000           |
| 8,1           | 1671       | 1,0  | 173,78 | S103 | 90LA4  | 22000        | 9000           |
| 12,1          | 1121       | 1,5  | 74,18  | S103 | 100LA6 | 22000        | 9000           |
| 11,1          | 1230       | 1,4  | 81,39  | S103 | 100LA6 | 22000        | 9000           |
| 9,0           | 1513       | 1,1  | 100,15 | S103 | 100LA6 | 22000        | 9000           |
| 8,1           | 1670       | 1,0  | 110,55 | S103 | 100LA6 | 22000        | 9000           |
| 18,4          | 757        | >3   | 49,04  | S122 | 100LA6 | 30000        | 11200          |
| 16,7          | 830        | >3   | 53,75  | S122 | 100LA6 | 30000        | 11200          |
| 13,6          | 1019       | >3   | 66,00  | S122 | 100LA6 | 30000        | 11200          |
| 12,4          | 1082       | 2,8  | 112,52 | S123 | 90LA4  | 30000        | 11200          |
| 11,4          | 1186       | 2,5  | 123,33 | S123 | 90LA4  | 30000        | 11200          |
| 10,5          | 1287       | 2,3  | 133,78 | S123 | 90LA4  | 30000        | 11200          |
| 9,2           | 1457       | 2,1  | 151,43 | S123 | 90LA4  | 30000        | 11200          |
| 7,9           | 1708       | 1,8  | 177,53 | S123 | 90LA4  | 30000        | 11200          |
| 7,2           | 1872       | 1,6  | 194,59 | S123 | 90LA4  | 30000        | 11200          |
| 5,9           | 2298       | 1,3  | 238,93 | S123 | 90LA4  | 30000        | 11200          |
| 5,0           | 2694       | 1,1  | 280,10 | S123 | 90LA4  | 30000        | 11200          |
| 4,6           | 2897       | 1,0  | 301,16 | S123 | 90LA4  | 30000        | 11200          |
| 4,1           | 3308       | 0,9  | 343,93 | S123 | 90LA4  | 30000        | 11200          |
| 12,7          | 1074       | 2,6  | 71,07  | S123 | 100LA6 | 30000        | 11200          |
| 10,3          | 1319       | 2,4  | 87,27  | S123 | 100LA6 | 30000        | 11200          |
| 8,0           | 1700       | 1,9  | 112,52 | S123 | 100LA6 | 30000        | 11200          |
| 7,3           | 1864       | 1,7  | 123,33 | S123 | 100LA6 | 30000        | 11200          |
| 6,7           | 2022       | 1,6  | 133,78 | S123 | 100LA6 | 30000        | 11200          |
| 5,9           | 2288       | 1,4  | 151,43 | S123 | 100LA6 | 30000        | 11200          |
| 5,1           | 2683       | 1,2  | 177,53 | S123 | 100LA6 | 30000        | 11200          |
| 4,6           | 2940       | 1,1  | 194,59 | S123 | 100LA6 | 30000        | 11200          |

**1,85 kW**

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i     |      |       | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|-------|------|-------|--------------|----------------|
| 162,3         | 104        | 1,6  | 8,63  | S052 | 90LB4 | 3756         | 3756           |
| 125,7         | 135        | 1,4  | 11,14 | S052 | 90LB4 | 3963         | 3963           |
| 102,5         | 165        | 1,3  | 13,66 | S052 | 90LB4 | 4116         | 4116           |
| 91,7          | 185        | 1,3  | 15,27 | S052 | 90LB4 | 4193         | 4193           |
| 86,0          | 197        | 1,2  | 16,29 | S052 | 90LB4 | 4235         | 4235           |
| 75,1          | 226        | 1,1  | 18,63 | S052 | 90LB4 | 4314         | 4314           |
| 66,6          | 255        | 1,0  | 21,04 | S052 | 90LB4 | 4375         | 4375           |
| 54,3          | 312        | 0,9  | 25,79 | S052 | 90LB4 | 4448         | 4448           |
| 175,0         | 97         | >3   | 8,00  | S062 | 90LB4 | 6703         | 2681           |
| 146,7         | 116        | >3   | 9,55  | S062 | 90LB4 | 7023         | 2809           |
| 119,6         | 142        | 2,7  | 11,71 | S062 | 90LB4 | 7398         | 2959           |
| 104,8         | 162        | 2,6  | 13,36 | S062 | 90LB4 | 7640         | 3056           |
| 87,8          | 193        | 2,3  | 15,94 | S062 | 90LB4 | 7962         | 3185           |

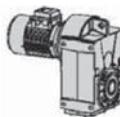


Performance / 馬力選擇表 - S 型軸上型齒輪減速機

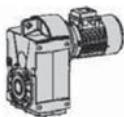
摩 托 迪 克

1,85 kW

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i      |      |       | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|--------|------|-------|--------------|----------------|
| 71,6          | 237        | 1,9  | 19,55  | S062 | 90LB4 | 8325         | 3330           |
| 60,4          | 281        | 1,7  | 23,18  | S062 | 90LB4 | 8615         | 3446           |
| 55,7          | 305        | 1,6  | 25,14  | S062 | 90LB4 | 8747         | 3499           |
| 50,6          | 335        | 1,4  | 27,66  | S062 | 90LB4 | 8895         | 3558           |
| 46,7          | 363        | 1,4  | 30,00  | S062 | 90LB4 | 9014         | 3606           |
| 41,3          | 411        | 1,3  | 33,93  | S062 | 90LB4 | 9182         | 3673           |
| 38,3          | 443        | 1,4  | 36,57  | S062 | 90LB4 | 9274         | 3710           |
| 35,6          | 477        | 1,3  | 39,38  | S062 | 90LB4 | 9357         | 3743           |
| 32,1          | 529        | 1,1  | 43,64  | S062 | 90LB4 | 9457         | 3783           |
| 30,4          | 558        | 1,1  | 46,10  | S062 | 90LB4 | 9502         | 3801           |
| 26,2          | 648        | 0,9  | 53,53  | S062 | 90LB4 | 9591         | 3836           |
| 25,5          | 666        | 0,9  | 55,00  | S062 | 90LB4 | 9601         | 3840           |
| 80,9          | 210        | >3   | 17,29  | S082 | 90LB4 | 17673        | 5049           |
| 69,5          | 244        | >3   | 20,14  | S082 | 90LB4 | 18000        | 5287           |
| 63,3          | 268        | 3,0  | 22,13  | S082 | 90LB4 | 18000        | 5439           |
| 58,3          | 291        | 2,8  | 24,00  | S082 | 90LB4 | 18000        | 5572           |
| 51,3          | 331        | 2,7  | 27,29  | S082 | 90LB4 | 18000        | 5788           |
| 48,8          | 347        | 2,6  | 28,67  | S082 | 90LB4 | 18000        | 5872           |
| 44,1          | 385        | 2,6  | 31,78  | S082 | 90LB4 | 18000        | 6051           |
| 40,1          | 423        | 2,4  | 34,91  | S082 | 90LB4 | 18000        | 6217           |
| 35,0          | 485        | 2,1  | 40,05  | S082 | 90LB4 | 18000        | 6466           |
| 32,5          | 522        | 1,9  | 43,05  | S082 | 90LB4 | 18000        | 6599           |
| 27,9          | 609        | 1,6  | 50,25  | S082 | 90LB4 | 18000        | 6888           |
| 25,8          | 657        | 1,5  | 54,27  | S082 | 90LB4 | 18000        | 7034           |
| 22,6          | 751        | 1,3  | 61,98  | S082 | 90LB4 | 18000        | 7200           |
| 20,7          | 801        | 1,2  | 67,52  | S083 | 90LB4 | 18000        | 7200           |
| 18,9          | 880        | 1,1  | 74,18  | S083 | 90LB4 | 18000        | 7200           |
| 15,3          | 1085       | 0,9  | 91,49  | S083 | 90LB4 | 18000        | 7200           |
| 43,2          | 393        | >3   | 32,40  | S102 | 90LB4 | 22000        | 7562           |
| 40,1          | 423        | >3   | 34,91  | S102 | 90LB4 | 22000        | 7736           |
| 36,6          | 464        | >3   | 38,30  | S102 | 90LB4 | 22000        | 7955           |
| 31,8          | 533        | 2,4  | 44,00  | S102 | 90LB4 | 22000        | 8293           |
| 29,7          | 571        | 2,8  | 47,13  | S102 | 90LB4 | 22000        | 8464           |
| 25,4          | 668        | 1,9  | 55,14  | S102 | 90LB4 | 22000        | 8864           |
| 23,6          | 720        | 2,2  | 59,40  | S102 | 90LB4 | 22000        | 9000           |
| 20,6          | 822        | 1,9  | 67,84  | S102 | 90LB4 | 22000        | 9000           |
| 18,9          | 880        | 1,8  | 74,18  | S103 | 90LB4 | 22000        | 9000           |
| 17,2          | 966        | 1,7  | 81,39  | S103 | 90LB4 | 22000        | 9000           |
| 14,0          | 1188       | 1,3  | 100,15 | S103 | 90LB4 | 22000        | 9000           |
| 12,7          | 1311       | 1,2  | 110,55 | S103 | 90LB4 | 22000        | 9000           |
| 10,9          | 1527       | 1,0  | 128,73 | S103 | 90LB4 | 22000        | 9000           |
| 9,9           | 1675       | 1,0  | 141,24 | S103 | 90LB4 | 22000        | 9000           |
| 26,0          | 651        | >3   | 53,75  | S122 | 90LB4 | 30000        | 11200          |
| 21,2          | 800        | >3   | 66,00  | S122 | 90LB4 | 30000        | 11200          |
| 12,4          | 1335       | 2,2  | 112,52 | S123 | 90LB4 | 30000        | 11200          |
| 11,4          | 1463       | 2,1  | 123,33 | S123 | 90LB4 | 30000        | 11200          |
| 10,5          | 1587       | 1,9  | 133,78 | S123 | 90LB4 | 30000        | 11200          |
| 9,2           | 1796       | 1,7  | 151,43 | S123 | 90LB4 | 30000        | 11200          |
| 7,9           | 2106       | 1,4  | 177,53 | S123 | 90LB4 | 30000        | 11200          |
| 7,2           | 2308       | 1,3  | 194,59 | S123 | 90LB4 | 30000        | 11200          |
| 5,9           | 2834       | 1,1  | 238,93 | S123 | 90LB4 | 30000        | 11200          |
| 5,0           | 3323       | 0,9  | 281,00 | S123 | 90LB4 | 30000        | 11200          |


**Performance / 馬力選擇表 – S型軸上型齒輪減速機**
**摩 托 迪 克**
**2,20 kW**

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i     |      |              | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|-------|------|--------------|--------------|----------------|
| 324,6         | 60         | 2,1  | 8,63  | S052 | 90L2         | 3123         | 3123           |
| 251,3         | 77         | 1,8  | 11,14 | S052 | 90L2         | 3327         | 3327           |
| 205,0         | 95         | 1,7  | 13,66 | S052 | 90L2         | 3488         | 3488           |
| 183,3         | 106        | 1,7  | 15,27 | S052 | 90L2         | 3574         | 3574           |
| 171,9         | 113        | 1,6  | 16,29 | S052 | 90L2         | 3623         | 3623           |
| 150,3         | 130        | 1,4  | 18,63 | S052 | 90L2         | 3723         | 3723           |
| 133,1         | 146        | 1,3  | 21,04 | S052 | 90L2         | 3809         | 3809           |
| 116,3         | 167        | 1,2  | 24,07 | S052 | 90 L2        | 3898         | 3898           |
| 108,6         | 179        | 1,2  | 25,79 | S052 | 90L2         | 3941         | 3941           |
| 100,7         | 193        | 1,1  | 27,81 | S052 | 90L2         | 3985         | 3985           |
| 93,3          | 209        | 1,0  | 30,00 | S052 | 90L2         | 4026         | 4026           |
| 350,0         | 56         | >3   | 8,00  | S062 | 90L2         | 5460         | 2185           |
| 293,2         | 67         | >3   | 9,55  | S062 | 90L2         | 5720         | 2290           |
| 239,1         | 81         | >3   | 11,71 | S062 | 90L2         | 6085         | 2434           |
| 209,6         | 93         | >3   | 13,36 | S062 | 90L2         | 6305         | 2522           |
| 175,7         | 111        | 3,0  | 15,94 | S062 | 90L2         | 6606         | 2642           |
| 143,2         | 136        | 2,5  | 19,55 | S062 | 90L2         | 6956         | 2782           |
| 120,8         | 161        | 2,2  | 23,18 | S062 | 90L2         | 7248         | 2899           |
| 111,4         | 175        | 2,1  | 25,14 | S062 | 90L2         | 7386         | 2955           |
| 101,2         | 192        | 1,9  | 27,66 | S062 | 90L2         | 7547         | 3019           |
| 93,3          | 209        | 1,8  | 30,00 | S062 | 90L2         | 7682         | 3073           |
| 82,5          | 236        | 1,7  | 33,93 | S062 | 90L2         | 7882         | 3153           |
| 76,6          | 254        | 1,8  | 36,57 | S062 | 90L2         | 8001         | 3200           |
| 71,1          | 274        | 1,6  | 39,38 | S062 | 90L2         | 8114         | 3246           |
| 64,2          | 303        | 1,5  | 43,64 | S062 | 90L2         | 8266         | 3307           |
| 60,7          | 320        | 1,4  | 46,10 | S062 | 90L2         | 8344         | 3338           |
| 175,0         | 115        | 2,9  | 8,00  | S062 | 90LB4/100LA4 | 6587         | 2635           |
| 146,7         | 138        | 2,6  | 9,55  | S062 | 90LB4/100LA4 | 6885         | 2754           |
| 119,6         | 169        | 2,3  | 11,71 | S062 | 90LB4/100LA4 | 7228         | 2891           |
| 104,8         | 192        | 2,2  | 13,36 | S062 | 90LB4/100LA4 | 7446         | 2978           |
| 87,8          | 230        | 2,0  | 15,94 | S062 | 90LB4/100LA4 | 7731         | 3092           |
| 71,6          | 282        | 1,6  | 19,55 | S062 | 90LB4/100LA4 | 8041         | 3217           |
| 60,4          | 334        | 1,4  | 23,18 | S062 | 90LB4/100LA4 | 8278         | 3311           |
| 55,7          | 362        | 1,3  | 25,14 | S062 | 90LB4/100LA4 | 8381         | 3353           |
| 50,6          | 398        | 1,2  | 27,66 | S062 | 90LB4/100LA4 | 8493         | 3397           |
| 46,7          | 432        | 1,2  | 30,00 | S062 | 90LB4/100LA4 | 8579         | 3431           |
| 41,3          | 489        | 1,1  | 33,93 | S062 | 90LB4/100LA4 | 8689         | 3476           |
| 38,3          | 527        | 1,1  | 36,57 | S062 | 90LB4/100LA4 | 8743         | 3497           |
| 35,6          | 567        | 1,1  | 39,38 | S062 | 90LB4/100LA4 | 8785         | 3514           |
| 32,1          | 629        | 1,0  | 43,64 | S062 | 90LB4/100LA4 | 8823         | 3529           |
| 112,5         | 181        | 1,9  | 8,00  | S062 | 112MA6       | 7318         | 2927           |
| 94,3          | 216        | 1,7  | 9,55  | S062 | 112MA6       | 7604         | 3042           |
| 76,9          | 265        | 1,5  | 11,71 | S062 | 112MA6       | 7920         | 3168           |
| 67,4          | 302        | 1,5  | 13,36 | S062 | 112MA6       | 8110         | 3244           |
| 56,5          | 361        | 1,3  | 15,94 | S062 | 112MA6       | 8341         | 3337           |
| 46,0          | 443        | 1,1  | 19,55 | S062 | 112MA6       | 8564         | 3426           |
| 89,0          | 227        | >3   | 15,73 | S082 | 90LB4/100LA4 | 17049        | 4871           |
| 80,9          | 249        | >3   | 17,29 | S082 | 90LB4/100LA4 | 17543        | 5012           |
| 69,5          | 290        | 2,7  | 20,14 | S082 | 90LB4/100LA4 | 18000        | 5244           |
| 63,3          | 319        | 2,5  | 22,13 | S082 | 90LB4/100LA4 | 18000        | 5391           |
| 58,3          | 346        | 2,3  | 24,00 | S082 | 90LB4/100LA4 | 18000        | 5521           |
| 51,3          | 393        | 2,3  | 27,29 | S082 | 90LB4/100LA4 | 18000        | 5729           |
| 48,8          | 413        | 2,2  | 28,67 | S082 | 90LB4/100LA4 | 18000        | 5811           |

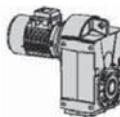


Performance / 馬力選擇表 - S型軸上型齒輪減速機

摩 托 迪 克

2,20 kW

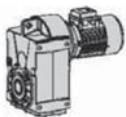
| n2<br>[1/min] | M2<br>[Nm] | f,S, | i     |      |              | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|-------|------|--------------|--------------|----------------|
| 44,1          | 458        | 2,2  | 31,78 | S082 | 90LB4/100LA4 | 18000        | 5983           |
| 40,1          | 503        | 2,0  | 34,91 | S082 | 90LB4/100LA4 | 18000        | 6142           |
| 35,0          | 577        | 1,7  | 40,05 | S082 | 90LB4/100LA4 | 18000        | 6380           |
| 32,5          | 620        | 1,6  | 43,05 | S082 | 90LB4/100LA4 | 18000        | 6506           |
| 27,9          | 724        | 1,4  | 50,25 | S082 | 90LB4/100LA4 | 18000        | 6780           |
| 25,8          | 782        | 1,3  | 54,27 | S082 | 90LB4/100LA4 | 18000        | 6917           |
| 22,6          | 893        | 1,1  | 61,98 | S082 | 90LB4/100LA4 | 18000        | 7156           |
| 122,6         | 166        | >3   | 7,34  | S082 | 112MA6       | 15464        | 4418           |
| 111,6         | 182        | >3   | 8,06  | S082 | 112MA6       | 15914        | 4547           |
| 90,5          | 225        | 3,0  | 9,94  | S082 | 112MA6       | 16958        | 4845           |
| 77,5          | 263        | 2,8  | 11,61 | S082 | 112MA6       | 17760        | 5074           |
| 70,6          | 289        | 2,7  | 12,75 | S082 | 112MA6       | 18000        | 5218           |
| 57,2          | 356        | 2,3  | 15,73 | S082 | 112MA6       | 18000        | 5548           |
| 52,0          | 391        | 2,1  | 17,29 | S082 | 112MA6       | 18000        | 5702           |
| 44,7          | 456        | 1,8  | 20,14 | S082 | 112MA6       | 18000        | 5954           |
| 40,7          | 501        | 1,7  | 22,13 | S082 | 112MA6       | 18000        | 6113           |
| 37,5          | 543        | 1,5  | 24,00 | S082 | 112MA6       | 18000        | 6253           |
| 33,0          | 618        | 1,5  | 27,29 | S082 | 112MA6       | 18000        | 6476           |
| 31,4          | 649        | 1,5  | 28,67 | S082 | 112MA6       | 18000        | 6562           |
| 28,3          | 719        | 1,5  | 31,78 | S082 | 112MA6       | 18000        | 6744           |
| 25,8          | 790        | 1,3  | 34,91 | S082 | 112MA6       | 18000        | 6911           |
| 22,5          | 907        | 1,2  | 40,05 | S082 | 112MA6       | 18000        | 7157           |
| 20,9          | 975        | 1,1  | 43,05 | S082 | 112MA6       | 18000        | 7200           |
| 20,7          | 953        | 1,0  | 67,52 | S083 | 90LB4/100LA4 | 18000        | 7200           |
| 18,9          | 1046       | 1,0  | 74,18 | S083 | 90LB4/100LA4 | 18000        | 7200           |
| 53,2          | 379        | >3   | 26,33 | S102 | 90LB4/100LA4 | 22000        | 7053           |
| 46,9          | 430        | >3   | 29,87 | S102 | 90LB4/100LA4 | 22000        | 7326           |
| 43,2          | 467        | >3   | 32,40 | S102 | 90LB4/100LA4 | 22000        | 7507           |
| 40,1          | 503        | 2,8  | 34,91 | S102 | 90LB4/100LA4 | 22000        | 7676           |
| 36,6          | 552        | 2,7  | 38,30 | S102 | 90LB4/100LA4 | 22000        | 7890           |
| 31,8          | 634        | 2,1  | 44,00 | S102 | 90LB4/100LA4 | 22000        | 8218           |
| 29,7          | 679        | 2,4  | 47,13 | S102 | 90LB4/100LA4 | 22000        | 8384           |
| 25,4          | 794        | 1,6  | 55,14 | S102 | 90LB4/100LA4 | 22000        | 8771           |
| 23,6          | 856        | 1,9  | 59,40 | S102 | 90LB4/100LA4 | 22000        | 8958           |
| 20,6          | 977        | 1,6  | 67,84 | S102 | 90LB4/100LA4 | 22000        | 9000           |
| 70,6          | 289        | >3   | 12,75 | S102 | 112MA6       | 22000        | 6465           |
| 64,3          | 317        | >3   | 13,99 | S102 | 112MA6       | 22000        | 6652           |
| 52,3          | 390        | >3   | 17,21 | S102 | 112MA6       | 22000        | 7086           |
| 47,4          | 430        | >3   | 19,00 | S102 | 112MA6       | 22000        | 7300           |
| 40,7          | 501        | 2,9  | 22,13 | S102 | 112MA6       | 22000        | 7640           |
| 37,1          | 549        | 2,9  | 24,28 | S102 | 112MA6       | 22000        | 7853           |
| 34,2          | 596        | 2,6  | 26,33 | S102 | 112MA6       | 22000        | 8043           |
| 30,1          | 676        | 2,3  | 29,87 | S102 | 112MA6       | 22000        | 8344           |
| 27,8          | 733        | 2,1  | 32,40 | S102 | 112MA6       | 22000        | 8542           |
| 25,8          | 790        | 1,9  | 34,91 | S102 | 112MA6       | 22000        | 8727           |
| 23,5          | 867        | 1,8  | 38,30 | S102 | 112MA6       | 22000        | 8959           |
| 20,5          | 996        | 1,4  | 44,00 | S102 | 112MA6       | 22000        | 9000           |
| 19,1          | 1067       | 1,6  | 47,13 | S102 | 112MA6       | 22000        | 9000           |
| 16,3          | 1248       | 1,1  | 55,14 | S102 | 112MA6       | 22000        | 9000           |
| 15,2          | 1345       | 1,2  | 59,40 | S102 | 112MA6       | 22000        | 9000           |
| 13,3          | 1535       | 1,1  | 67,84 | S102 | 112MA6       | 22000        | 9000           |
| 18,9          | 1046       | 1,5  | 74,18 | S103 | 90LB4/100LA4 | 22000        | 9000           |
| 17,2          | 1148       | 1,4  | 81,39 | S103 | 90LB4/100LA4 | 22000        | 9000           |


**Performance / 馬力選擇表 – S型軸上型齒輪減速機**
**摩 托 迪 克**
**2,20 kW**

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i      |      |              | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|--------|------|--------------|--------------|----------------|
| 14,0          | 1413       | 1,1  | 100,15 | S103 | 90LB4/100LA4 | 22000        | 9000           |
| 12,7          | 1559       | 1,0  | 110,55 | S103 | 90LB4/100LA4 | 22000        | 9000           |
| 28,5          | 706        | >3   | 49,04  | S122 | 90LB4/100LA4 | 30000        | 11200          |
| 26,0          | 774        | >3   | 53,75  | S122 | 90LB4/100LA4 | 30000        | 11200          |
| 21,2          | 951        | >3   | 66,00  | S122 | 90LB4/100LA4 | 30000        | 11200          |
| 25,6          | 797        | >3   | 35,20  | S122 | 112MA6       | 30000        | 11200          |
| 21,9          | 930        | >3   | 41,07  | S122 | 112MA6       | 30000        | 11200          |
| 20,6          | 987        | >3   | 43,60  | S122 | 112MA6       | 30000        | 11200          |
| 18,4          | 1110       | 2,3  | 49,04  | S122 | 112MA6       | 30000        | 11200          |
| 16,7          | 1217       | 2,2  | 53,75  | S122 | 112MA6       | 30000        | 11200          |
| 13,6          | 1494       | 2,1  | 66,00  | S122 | 112MA6       | 30000        | 11200          |
| 19,7          | 1003       | 2,7  | 71,07  | S123 | 90LB4/100LA4 | 30000        | 11200          |
| 16,0          | 1231       | 2,4  | 87,27  | S123 | 90LB4/100LA4 | 30000        | 11200          |
| 12,4          | 1587       | 1,9  | 112,52 | S123 | 90LB4/100LA4 | 30000        | 11200          |
| 11,4          | 1740       | 1,7  | 123,33 | S123 | 90LB4/100LA4 | 30000        | 11200          |
| 10,5          | 1887       | 1,6  | 133,78 | S123 | 90LB4/100LA4 | 30000        | 11200          |
| 9,2           | 2136       | 1,4  | 151,43 | S123 | 90LB4/100LA4 | 30000        | 11200          |
| 7,9           | 2504       | 1,2  | 177,53 | S123 | 90LB4/100LA4 | 30000        | 11200          |
| 7,2           | 2745       | 1,1  | 194,59 | S123 | 90LB4/100LA4 | 30000        | 11200          |
| 12,7          | 1575       | 1,8  | 71,07  | S123 | 112MA6       | 30000        | 11200          |
| 10,3          | 1934       | 1,6  | 87,27  | S123 | 112MA6       | 30000        | 11200          |
| 8,0           | 2494       | 1,3  | 112,52 | S123 | 112MA6       | 30000        | 11200          |
| 7,3           | 2733       | 1,2  | 123,33 | S123 | 112MA6       | 30000        | 11200          |

**3,00 kW**

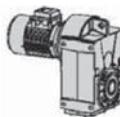
| n2<br>[1/min] | M2<br>[Nm] | f,S, | i     |      |        | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|-------|------|--------|--------------|----------------|
| 175,0         | 157        | 2,1  | 8,00  | S062 | 100LB4 | 6321         | 2528           |
| 146,7         | 188        | 1,9  | 9,55  | S062 | 100LB4 | 6568         | 2627           |
| 119,6         | 230        | 1,7  | 11,71 | S062 | 100LB4 | 6839         | 2736           |
| 104,8         | 262        | 1,6  | 13,36 | S062 | 100LB4 | 7003         | 2801           |
| 87,8          | 313        | 1,4  | 15,94 | S062 | 100LB4 | 7201         | 2881           |
| 71,6          | 384        | 1,2  | 19,55 | S062 | 100LB4 | 7392         | 2957           |
| 60,4          | 455        | 1,0  | 23,18 | S062 | 100LB4 | 7508         | 3003           |
| 55,7          | 494        | 1,0  | 25,14 | S062 | 100LB4 | 7546         | 3019           |
| 190,8         | 144        | >3   | 7,34  | S082 | 100LB4 | 13364        | 3818           |
| 173,6         | 158        | >3   | 8,06  | S082 | 100LB4 | 13753        | 3929           |
| 140,8         | 195        | >3   | 9,94  | S082 | 100LB4 | 14654        | 4187           |
| 120,6         | 228        | >3   | 11,61 | S082 | 100LB4 | 15348        | 4385           |
| 109,8         | 250        | 3,0  | 12,75 | S082 | 100LB4 | 15781        | 4509           |
| 89,0          | 309        | 2,5  | 15,73 | S082 | 100LB4 | 16779        | 4794           |
| 80,9          | 340        | 2,3  | 17,29 | S082 | 100LB4 | 17245        | 4927           |
| 69,5          | 396        | 1,9  | 20,14 | S082 | 100LB4 | 18000        | 5145           |
| 63,3          | 435        | 1,8  | 22,13 | S082 | 100LB4 | 18000        | 5282           |
| 58,3          | 471        | 1,7  | 24,00 | S082 | 100LB4 | 18000        | 5403           |
| 51,3          | 536        | 1,7  | 27,29 | S082 | 100LB4 | 18000        | 5595           |
| 48,8          | 563        | 1,6  | 28,67 | S082 | 100LB4 | 18000        | 5670           |
| 44,1          | 624        | 1,6  | 31,78 | S082 | 100LB4 | 18000        | 5826           |
| 40,1          | 686        | 1,5  | 34,91 | S082 | 100LB4 | 18000        | 5971           |


**Performance / 馬力選擇表 - S型軸上型齒輪減速機**
**摩 托 迪 克**
**3,00 kW**

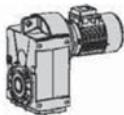
| n2<br>[1/min] | M2<br>[Nm] | f,S, | i      |      |        | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|--------|------|--------|--------------|----------------|
| 35,0          | 787        | 1,3  | 40,05  | S082 | 100LB4 | 18000        | 6183           |
| 32,5          | 846        | 1,2  | 43,05  | S082 | 100LB4 | 18000        | 6294           |
| 27,9          | 987        | 1,0  | 50,25  | S082 | 100LB4 | 18000        | 6533           |
| 25,8          | 1066       | 0,9  | 54,27  | S082 | 100LB4 | 18000        | 6650           |
| 109,8         | 250        | >3   | 12,75  | S102 | 100LB4 | 19555        | 5587           |
| 81,3          | 338        | >3   | 17,21  | S102 | 100LB4 | 21431        | 6123           |
| 73,7          | 373        | >3   | 19,00  | S102 | 100LB4 | 22000        | 6308           |
| 63,3          | 435        | >3   | 22,13  | S102 | 100LB4 | 22000        | 6602           |
| 57,7          | 477        | >3   | 24,28  | S102 | 100LB4 | 22000        | 6786           |
| 53,2          | 517        | 2,9  | 26,33  | S102 | 100LB4 | 22000        | 6951           |
| 46,9          | 587        | 2,6  | 29,87  | S102 | 100LB4 | 22000        | 7210           |
| 43,2          | 637        | 2,4  | 32,40  | S102 | 100LB4 | 22000        | 7382           |
| 40,1          | 686        | 2,0  | 34,91  | S102 | 100LB4 | 22000        | 7541           |
| 36,6          | 752        | 2,0  | 38,30  | S102 | 100LB4 | 22000        | 7742           |
| 31,8          | 864        | 1,5  | 44,00  | S102 | 100LB4 | 22000        | 8047           |
| 29,7          | 926        | 1,7  | 47,13  | S102 | 100LB4 | 22000        | 8201           |
| 25,4          | 1083       | 1,2  | 55,14  | S102 | 100LB4 | 22000        | 8556           |
| 23,6          | 1167       | 1,4  | 59,40  | S102 | 100LB4 | 22000        | 8727           |
| 20,6          | 1333       | 1,2  | 67,84  | S102 | 100LB4 | 22000        | 9000           |
| 34,1          | 807        | >3   | 41,07  | S122 | 100LB4 | 30000        | 11200          |
| 32,1          | 856        | >3   | 43,60  | S122 | 100LB4 | 30000        | 11200          |
| 28,5          | 963        | 2,5  | 49,04  | S122 | 100LB4 | 30000        | 11200          |
| 26,0          | 1056       | 2,5  | 53,75  | S122 | 100LB4 | 30000        | 11200          |
| 21,2          | 1297       | 2,3  | 66,00  | S122 | 100LB4 | 30000        | 11200          |
| 19,7          | 1367       | 2,0  | 71,07  | S123 | 100LB4 | 30000        | 11200          |
| 16,0          | 1679       | 1,8  | 87,27  | S123 | 100LB4 | 30000        | 11200          |
| 12,4          | 2164       | 1,4  | 112,52 | S123 | 100LB4 | 30000        | 11200          |
| 11,4          | 2372       | 1,3  | 123,33 | S123 | 100LB4 | 30000        | 11200          |
| 10,5          | 2573       | 1,2  | 133,78 | S123 | 100LB4 | 30000        | 11200          |
| 9,2           | 2913       | 1,0  | 151,43 | S123 | 100LB4 | 30000        | 11200          |

**4,00 kW**

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i     |      |        | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|-------|------|--------|--------------|----------------|
| 350,0         | 101        | 2,4  | 8,00  | S062 | 100LB2 | 5180         | 2072           |
| 293,3         | 121        | 2,2  | 9,55  | S062 | 100LB2 | 5406         | 2162           |
| 239,1         | 148        | 2,0  | 11,71 | S062 | 100LB2 | 5663         | 2265           |
| 209,6         | 169        | 1,9  | 13,36 | S062 | 100LB2 | 5824         | 2330           |
| 175,7         | 201        | 1,7  | 15,94 | S062 | 100LB2 | 6031         | 2412           |
| 143,2         | 247        | 1,4  | 19,55 | S062 | 100LB2 | 6251         | 2501           |
| 120,8         | 293        | 1,2  | 23,18 | S062 | 100LB2 | 6412         | 2565           |
| 111,4         | 318        | 1,1  | 25,14 | S062 | 100LB2 | 6480         | 2592           |
| 101,2         | 350        | 1,0  | 27,66 | S062 | 100LB2 | 6550         | 2620           |
| 175,0         | 210        | 1,6  | 8,00  | S062 | 112MA4 | 5989         | 2396           |
| 146,7         | 250        | 1,4  | 9,55  | S062 | 112MA4 | 6171         | 2469           |
| 119,6         | 307        | 1,3  | 11,71 | S062 | 112MA4 | 6353         | 2541           |
| 104,8         | 350        | 1,2  | 13,36 | S062 | 112MA4 | 6448         | 2579           |
| 87,8          | 417        | 1,1  | 15,94 | S062 | 112MA4 | 6540         | 2616           |
| 71,6          | 512        | 0,9  | 19,55 | S062 | 112MA4 | 6581         | 2632           |


**Performance / 馬力選擇表 – S型軸上型齒輪減速機**
**摩 托 迪 克**
**4,00 kW**

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i     |      |        | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|-------|------|--------|--------------|----------------|
| 381,5         | 93         | >3   | 7,34  | S082 | 100LB2 | 10827        | 3093           |
| 347,4         | 102        | >3   | 8,06  | S082 | 100LB2 | 11072        | 3165           |
| 281,6         | 126        | >3   | 9,94  | S082 | 100LB2 | 11756        | 3359           |
| 241,3         | 147        | >3   | 11,61 | S082 | 100LB2 | 12324        | 3521           |
| 219,6         | 161        | >3   | 12,75 | S082 | 100LB2 | 12680        | 3623           |
| 178,1         | 199        | 2,9  | 15,73 | S082 | 100LB2 | 13503        | 3858           |
| 161,9         | 219        | 2,6  | 17,29 | S082 | 100LB2 | 13889        | 3968           |
| 139,0         | 255        | 2,3  | 20,14 | S082 | 100LB2 | 14524        | 4150           |
| 126,6         | 280        | 2,1  | 22,13 | S082 | 100LB2 | 14925        | 4264           |
| 116,7         | 303        | 2,0  | 24,00 | S082 | 100LB2 | 15279        | 4365           |
| 102,6         | 345        | 2,0  | 27,29 | S082 | 100LB2 | 15846        | 4528           |
| 97,7          | 362        | 1,9  | 28,67 | S082 | 100LB2 | 16069        | 4591           |
| 88,1          | 402        | 1,9  | 31,78 | S082 | 100LB2 | 16535        | 4724           |
| 80,2          | 441        | 1,7  | 34,91 | S082 | 100LB2 | 16968        | 4848           |
| 69,9          | 506        | 1,5  | 40,05 | S082 | 100LB2 | 17609        | 5031           |
| 65,0          | 544        | 1,4  | 43,05 | S082 | 100LB2 | 17949        | 5128           |
| 190,8         | 192        | 2,9  | 7,34  | S082 | 112MA4 | 13206        | 3773           |
| 173,6         | 211        | 2,8  | 8,06  | S082 | 112MA4 | 13580        | 3880           |
| 140,8         | 260        | 2,5  | 9,94  | S082 | 112MA4 | 14440        | 4126           |
| 120,6         | 304        | 2,3  | 11,61 | S082 | 112MA4 | 15098        | 4314           |
| 109,8         | 334        | 2,2  | 12,75 | S082 | 112MA4 | 15507        | 4430           |
| 89,0          | 412        | 1,9  | 15,73 | S082 | 112MA4 | 16441        | 4697           |
| 80,9          | 453        | 1,7  | 17,29 | S082 | 112MA4 | 16873        | 4821           |
| 69,5          | 528        | 1,5  | 20,14 | S082 | 112MA4 | 17574        | 5021           |
| 63,3          | 580        | 1,4  | 22,13 | S082 | 112MA4 | 18000        | 5146           |
| 58,3          | 629        | 1,3  | 24,00 | S082 | 112MA4 | 18000        | 5255           |
| 51,3          | 715        | 1,3  | 27,29 | S082 | 112MA4 | 18000        | 5427           |
| 48,8          | 751        | 1,2  | 28,67 | S082 | 112MA4 | 18000        | 5494           |
| 44,1          | 832        | 1,2  | 31,78 | S082 | 112MA4 | 18000        | 5631           |
| 40,1          | 914        | 1,1  | 34,91 | S082 | 112MA4 | 18000        | 5756           |
| 35,0          | 1049       | 1,0  | 40,05 | S082 | 112MA4 | 18000        | 5937           |
| 32,5          | 1128       | 0,9  | 43,05 | S082 | 112MA4 | 18000        | 6030           |
| 122,6         | 302        | 1,9  | 7,34  | S082 | 132MA6 | 15017        | 4291           |
| 111,6         | 332        | 1,9  | 8,06  | S082 | 132MA6 | 15424        | 4407           |
| 90,5          | 409        | 1,7  | 9,94  | S082 | 132MA6 | 16353        | 4672           |
| 77,5          | 478        | 1,5  | 11,61 | S082 | 132MA6 | 17054        | 4873           |
| 70,6          | 525        | 1,5  | 12,75 | S082 | 132MA6 | 17486        | 4996           |
| 57,2          | 647        | 1,2  | 15,73 | S082 | 132MA6 | 18000        | 5275           |
| 52,0          | 712        | 1,1  | 17,29 | S082 | 132MA6 | 18000        | 5401           |
| 44,7          | 829        | 1,0  | 20,14 | S082 | 132MA6 | 18000        | 5604           |
| 40,7          | 911        | 0,9  | 22,13 | S082 | 132MA6 | 18000        | 5729           |
| 158,3         | 232        | >3   | 8,85  | S102 | 112MA4 | 17308        | 4945           |
| 128,6         | 285        | >3   | 10,88 | S102 | 112MA4 | 18438        | 5268           |
| 109,8         | 334        | >3   | 12,75 | S102 | 112MA4 | 19339        | 5525           |
| 100,1         | 366        | >3   | 13,99 | S102 | 112MA4 | 19883        | 5681           |
| 81,3          | 451        | 2,9  | 17,21 | S102 | 112MA4 | 21139        | 6040           |
| 73,7          | 498        | 2,8  | 19,00 | S102 | 112MA4 | 21757        | 6216           |
| 63,3          | 580        | 2,4  | 22,13 | S102 | 112MA4 | 22000        | 6495           |
| 57,7          | 636        | 2,4  | 24,28 | S102 | 112MA4 | 22000        | 6668           |
| 53,2          | 690        | 2,2  | 26,33 | S102 | 112MA4 | 22000        | 6823           |
| 46,9          | 782        | 1,9  | 29,87 | S102 | 112MA4 | 22000        | 7065           |
| 43,2          | 849        | 1,8  | 32,40 | S102 | 112MA4 | 22000        | 7224           |
| 40,1          | 914        | 1,5  | 34,91 | S102 | 112MA4 | 22000        | 7371           |

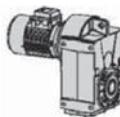


Performance / 馬力選擇表 – S 型軸上型齒輪減速機

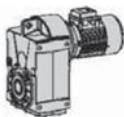
摩 托 迪 克

4,00 kW

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i      |      |        | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|--------|------|--------|--------------|----------------|
| 36,6          | 1003       | 1,5  | 38,30  | S102 | 112MA4 | 22000        | 7556           |
| 31,8          | 1153       | 1,1  | 44,00  | S102 | 112MA4 | 22000        | 7833           |
| 29,7          | 1234       | 1,3  | 47,13  | S102 | 112MA4 | 22000        | 7972           |
| 25,4          | 1444       | 0,9  | 55,14  | S102 | 112MA4 | 22000        | 8289           |
| 23,6          | 1556       | 1,0  | 59,40  | S102 | 112MA4 | 22000        | 8439           |
| 20,6          | 1777       | 0,9  | 67,84  | S102 | 112MA4 | 22000        | 8705           |
| 111,6         | 332        | 2,7  | 8,06   | S102 | 132MA6 | 19235        | 5496           |
| 101,7         | 364        | 2,6  | 8,85   | S102 | 132MA6 | 19776        | 5650           |
| 82,7          | 448        | 2,2  | 10,88  | S102 | 132MA6 | 21026        | 6007           |
| 70,6          | 525        | 2,0  | 12,75  | S102 | 132MA6 | 22000        | 6290           |
| 64,3          | 576        | 2,2  | 13,99  | S102 | 132MA6 | 22000        | 6460           |
| 52,3          | 708        | 1,9  | 17,21  | S102 | 132MA6 | 22000        | 6849           |
| 47,4          | 782        | 1,9  | 19,00  | S102 | 132MA6 | 22000        | 7039           |
| 40,7          | 911        | 1,6  | 22,13  | S102 | 132MA6 | 22000        | 7336           |
| 37,1          | 999        | 1,6  | 24,28  | S102 | 132MA6 | 22000        | 7520           |
| 34,2          | 1084       | 1,5  | 26,33  | S102 | 132MA6 | 22000        | 7682           |
| 30,1          | 1229       | 1,3  | 29,87  | S102 | 132MA6 | 22000        | 7934           |
| 27,8          | 1333       | 1,2  | 32,40  | S102 | 132MA6 | 22000        | 8098           |
| 25,8          | 1437       | 1,0  | 34,91  | S102 | 132MA6 | 22000        | 8247           |
| 23,5          | 1576       | 1,0  | 38,30  | S102 | 132MA6 | 22000        | 8433           |
| 45,9          | 799        | >3   | 30,51  | S122 | 112MA4 | 30000        | 10150          |
| 41,9          | 876        | >3   | 33,44  | S122 | 112MA4 | 30000        | 10406          |
| 39,8          | 922        | >3   | 35,20  | S122 | 112MA4 | 30000        | 10549          |
| 34,1          | 1076       | 2,8  | 41,07  | S122 | 112MA4 | 30000        | 10985          |
| 32,1          | 1142       | 2,6  | 43,60  | S122 | 112MA4 | 30000        | 11156          |
| 28,5          | 1285       | 1,9  | 49,04  | S122 | 112MA4 | 30000        | 11200          |
| 26,0          | 1408       | 1,8  | 53,75  | S122 | 112MA4 | 30000        | 11200          |
| 21,2          | 1729       | 1,7  | 66,00  | S122 | 112MA4 | 30000        | 11200          |
| 42,4          | 875        | >3   | 21,25  | S122 | 132MA6 | 30000        | 10364          |
| 38,6          | 959        | >3   | 23,29  | S122 | 132MA6 | 30000        | 10620          |
| 34,4          | 1076       | 2,9  | 26,15  | S122 | 132MA6 | 30000        | 10947          |
| 31,5          | 1177       | 2,7  | 28,60  | S122 | 132MA6 | 30000        | 11200          |
| 29,5          | 1256       | 2,5  | 30,51  | S122 | 132MA6 | 30000        | 11200          |
| 26,9          | 1376       | 2,3  | 33,44  | S122 | 132MA6 | 30000        | 11200          |
| 25,6          | 1449       | 2,2  | 35,20  | S122 | 132MA6 | 30000        | 11200          |
| 21,9          | 1690       | 1,9  | 41,07  | S122 | 132MA6 | 30000        | 11200          |
| 20,6          | 1794       | 1,8  | 43,60  | S122 | 132MA6 | 30000        | 11200          |
| 18,4          | 2018       | 1,2  | 49,04  | S122 | 132MA6 | 30000        | 11200          |
| 16,7          | 2212       | 1,2  | 53,75  | S122 | 132MA6 | 30000        | 11200          |
| 13,6          | 2716       | 1,2  | 66,00  | S122 | 132MA6 | 30000        | 11200          |
| 19,7          | 1823       | 1,5  | 71,07  | S123 | 112MA4 | 30000        | 11200          |
| 16,0          | 2238       | 1,3  | 87,27  | S123 | 112MA4 | 30000        | 11200          |
| 12,4          | 2886       | 1,0  | 112,52 | S123 | 112MA4 | 30000        | 11200          |
| 11,4          | 3163       | 0,9  | 123,33 | S123 | 112MA4 | 30000        | 11200          |


**Performance / 馬力選擇表 – S 型軸上型齒輪減速機**
**摩 托 迪 克**
**4,80 kW**

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i     |      |        | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|-------|------|--------|--------------|----------------|
| 175,0         | 251        | 1,3  | 8,00  | S062 | 112MB4 | 5723         | 2289           |
| 146,7         | 300        | 1,2  | 9,55  | S062 | 112MB4 | 5855         | 2342           |
| 119,6         | 368        | 1,1  | 11,71 | S062 | 112MB4 | 5964         | 2386           |
| 104,8         | 420        | 1,0  | 13,36 | S062 | 112MB4 | 6005         | 2402           |
| 190,8         | 231        | 2,4  | 7,34  | S082 | 112MB4 | 13079        | 3737           |
| 173,6         | 253        | 2,4  | 8,06  | S082 | 112MB4 | 13441        | 3840           |
| 140,8         | 313        | 2,1  | 9,94  | S082 | 112MB4 | 14269        | 4077           |
| 120,6         | 365        | 1,9  | 11,61 | S082 | 112MB4 | 14898        | 4257           |
| 109,8         | 401        | 1,9  | 12,75 | S082 | 112MB4 | 15287        | 4368           |
| 89,0          | 494        | 1,6  | 15,73 | S082 | 112MB4 | 16170        | 4620           |
| 80,9          | 544        | 1,4  | 17,29 | S082 | 112MB4 | 16575        | 4736           |
| 69,5          | 633        | 1,2  | 20,14 | S082 | 112MB4 | 17228        | 4922           |
| 63,3          | 695        | 1,2  | 22,13 | S082 | 112MB4 | 17631        | 5038           |
| 58,3          | 754        | 1,1  | 24,00 | S082 | 112MB4 | 17980        | 5137           |
| 51,3          | 858        | 1,0  | 27,29 | S082 | 112MB4 | 18000        | 5293           |
| 48,8          | 901        | 1,0  | 28,67 | S082 | 112MB4 | 18000        | 5353           |
| 44,1          | 999        | 1,0  | 31,78 | S082 | 112MB4 | 18000        | 5475           |
| 40,1          | 1097       | 0,9  | 34,91 | S082 | 112MB4 | 18000        | 5584           |
| 173,6         | 253        | >3   | 8,06  | S102 | 112MB4 | 16712        | 4775           |
| 158,3         | 278        | >3   | 8,85  | S102 | 112MB4 | 17188        | 4911           |
| 128,6         | 342        | 2,8  | 10,88 | S102 | 112MB4 | 18290        | 5226           |
| 109,8         | 401        | 2,5  | 12,75 | S102 | 112MB4 | 19165        | 5476           |
| 100,1         | 440        | 2,7  | 13,99 | S102 | 112MB4 | 19693        | 5626           |
| 81,3          | 541        | 2,4  | 17,21 | S102 | 112MB4 | 20905        | 5973           |
| 73,7          | 597        | 2,3  | 19,00 | S102 | 112MB4 | 21498        | 6142           |
| 63,3          | 695        | 2,0  | 22,13 | S102 | 112MB4 | 22000        | 6409           |
| 57,7          | 763        | 2,0  | 24,28 | S102 | 112MB4 | 22000        | 6574           |
| 53,2          | 828        | 1,8  | 26,33 | S102 | 112MB4 | 22000        | 6720           |
| 46,9          | 939        | 1,6  | 29,87 | S102 | 112MB4 | 22000        | 6949           |
| 43,2          | 1018       | 1,5  | 32,40 | S102 | 112MB4 | 22000        | 7098           |
| 40,1          | 1097       | 1,3  | 34,91 | S102 | 112MB4 | 22000        | 7236           |
| 36,6          | 1204       | 1,2  | 38,30 | S102 | 112MB4 | 22000        | 7407           |
| 31,8          | 1383       | 0,9  | 44,00 | S102 | 112MB4 | 22000        | 7663           |
| 29,7          | 1481       | 1,1  | 47,13 | S102 | 112MB4 | 22000        | 7789           |
| 60,1          | 732        | >3   | 23,29 | S122 | 112MB4 | 30000        | 9284           |
| 53,5          | 822        | >3   | 26,15 | S122 | 112MB4 | 30000        | 9579           |
| 49,0          | 899        | >3   | 28,60 | S122 | 112MB4 | 30000        | 9809           |
| 45,9          | 959        | >3   | 30,51 | S122 | 112MB4 | 30000        | 9977           |
| 41,9          | 1051       | 2,9  | 33,44 | S122 | 112MB4 | 30000        | 10216          |
| 39,8          | 1106       | 2,7  | 35,20 | S122 | 112MB4 | 30000        | 10350          |
| 34,1          | 1291       | 2,3  | 41,07 | S122 | 112MB4 | 30000        | 10753          |
| 32,1          | 1370       | 2,2  | 43,60 | S122 | 112MB4 | 30000        | 10909          |
| 28,5          | 1541       | 1,6  | 49,04 | S122 | 112MB4 | 30000        | 11200          |
| 26,0          | 1690       | 1,5  | 53,75 | S122 | 112MB4 | 30000        | 11200          |
| 21,2          | 2075       | 1,4  | 66,00 | S122 | 112MB4 | 30000        | 11200          |
| 19,7          | 2187       | 1,2  | 71,07 | S123 | 112MB4 | 30000        | 11200          |
| 16,0          | 2686       | 1,1  | 87,27 | S123 | 112MB4 | 30000        | 11200          |

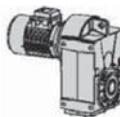


Performance / 馬力選擇表 - S型軸上型齒輪減速機

摩 托 迪 克

5,50 kW

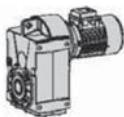
| n2<br>[1/min] | M2<br>[Nm] | f,S, | i     |      |              | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|-------|------|--------------|--------------|----------------|
| 381,5         | 128        | >3   | 7,34  | S082 | 112MB2/132S2 | 10589        | 3025           |
| 347,3         | 140        | >3   | 8,06  | S082 | 112MB2/132S2 | 10895        | 3113           |
| 281,6         | 173        | 2,8  | 9,94  | S082 | 112MB2/132S2 | 11601        | 3315           |
| 241,3         | 202        | 2,6  | 11,61 | S082 | 112MB2/132S2 | 12143        | 3469           |
| 219,6         | 222        | 2,5  | 12,75 | S082 | 112MB2/132S2 | 12481        | 3566           |
| 178,1         | 273        | 2,1  | 15,73 | S082 | 112MB2/132S2 | 13258        | 3788           |
| 161,9         | 301        | 1,9  | 17,29 | S082 | 112MB2/132S2 | 13620        | 3891           |
| 139,0         | 350        | 1,7  | 20,14 | S082 | 112MB2/132S2 | 14210        | 4060           |
| 126,6         | 384        | 1,6  | 22,13 | S082 | 112MB2/132S2 | 14581        | 4166           |
| 190,8         | 264        | 2,1  | 7,34  | S082 | 132S4        | 12969        | 3705           |
| 173,6         | 290        | 2,1  | 8,06  | S082 | 132S4        | 13319        | 3806           |
| 140,8         | 358        | 1,8  | 9,94  | S082 | 132S4        | 14120        | 4034           |
| 120,6         | 418        | 1,7  | 11,61 | S082 | 132S4        | 14723        | 4207           |
| 109,8         | 459        | 1,6  | 12,75 | S082 | 132S4        | 15095        | 4313           |
| 89,0          | 566        | 1,4  | 15,73 | S082 | 132S4        | 15933        | 4552           |
| 80,9          | 623        | 1,2  | 17,29 | S082 | 132S4        | 16315        | 4661           |
| 69,5          | 725        | 1,1  | 20,14 | S082 | 132S4        | 16925        | 4836           |
| 63,3          | 797        | 1,0  | 22,13 | S082 | 132S4        | 17298        | 4942           |
| 58,3          | 864        | 0,9  | 24,00 | S082 | 132S4        | 17618        | 5034           |
| 51,3          | 983        | 0,9  | 27,29 | S082 | 132S4        | 18000        | 5176           |
| 122,6         | 415        | 1,4  | 7,34  | S082 | 132MB6       | 14645        | 4184           |
| 111,6         | 456        | 1,4  | 8,06  | S082 | 132MB6       | 15015        | 4290           |
| 90,5          | 563        | 1,2  | 9,94  | S082 | 132MB6       | 15849        | 4528           |
| 77,5          | 657        | 1,1  | 11,61 | S082 | 132MB6       | 16466        | 4705           |
| 70,6          | 721        | 1,1  | 12,75 | S082 | 132MB6       | 16840        | 4811           |
| 57,2          | 890        | 0,9  | 15,73 | S082 | 132MB6       | 17664        | 5047           |
| 257,2         | 189        | >3   | 10,88 | S102 | 112MB2/132S2 | 14766        | 4219           |
| 219,6         | 222        | >3   | 12,75 | S102 | 112MB2/132S2 | 15499        | 4428           |
| 200,1         | 243        | >3   | 13,99 | S102 | 112MB2/132S2 | 15943        | 4555           |
| 162,7         | 299        | >3   | 17,21 | S102 | 112MB2/132S2 | 16971        | 4849           |
| 147,4         | 330        | >3   | 19,00 | S102 | 112MB2/132S2 | 17479        | 4994           |
| 126,6         | 384        | 2,7  | 22,13 | S102 | 112MB2/132S2 | 18283        | 5224           |
| 115,3         | 422        | 2,7  | 24,28 | S102 | 112MB2/132S2 | 18785        | 5367           |
| 106,3         | 458        | 2,5  | 26,33 | S102 | 112MB2/132S2 | 19233        | 5495           |
| 93,7          | 519        | 2,2  | 29,87 | S102 | 112MB2/132S2 | 19941        | 5697           |
| 86,4          | 563        | 2,0  | 32,40 | S102 | 112MB2/132S2 | 20406        | 5830           |
| 80,2          | 607        | 1,7  | 34,91 | S102 | 112MB2/132S2 | 20838        | 5954           |
| 73,1          | 666        | 1,7  | 38,30 | S102 | 112MB2/132S2 | 21381        | 6109           |
| 173,6         | 290        | 2,9  | 8,06  | S102 | 132S4        | 16616        | 4747           |
| 158,3         | 319        | 2,8  | 8,85  | S102 | 132S4        | 17083        | 4881           |
| 128,6         | 392        | 2,4  | 10,88 | S102 | 132S4        | 18160        | 5189           |
| 109,8         | 459        | 2,2  | 12,75 | S102 | 132S4        | 19014        | 5432           |
| 100,1         | 504        | 2,4  | 13,99 | S102 | 132S4        | 19526        | 5579           |
| 81,3          | 620        | 2,1  | 17,21 | S102 | 132S4        | 20700        | 5914           |
| 73,7          | 684        | 2,0  | 19,00 | S102 | 132S4        | 21272        | 6078           |
| 63,3          | 797        | 1,8  | 22,13 | S102 | 132S4        | 22000        | 6334           |
| 57,7          | 874        | 1,7  | 24,28 | S102 | 132S4        | 22000        | 6492           |
| 53,2          | 948        | 1,6  | 26,33 | S102 | 132S4        | 22000        | 6631           |
| 46,9          | 1076       | 1,4  | 29,87 | S102 | 132S4        | 22000        | 6848           |
| 43,2          | 1167       | 1,3  | 32,40 | S102 | 132S4        | 22000        | 6988           |
| 40,1          | 1257       | 1,1  | 34,91 | S102 | 132S4        | 22000        | 7117           |
| 36,6          | 1380       | 1,1  | 38,30 | S102 | 132S4        | 22000        | 7277           |
| 29,7          | 1697       | 0,9  | 47,13 | S102 | 132S4        | 22000        | 7629           |


**Performance / 馬力選擇表 – S型軸上型齒輪減速機**
**摩 托 迪 克**
**5,50 kW**

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i     |      |        | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|-------|------|--------|--------------|----------------|
| 111,6         | 456        | 2,0  | 8,06  | S102 | 132MB6 | 18912        | 5403           |
| 101,7         | 501        | 1,9  | 8,85  | S102 | 132MB6 | 19422        | 5549           |
| 82,7          | 616        | 1,6  | 10,88 | S102 | 132MB6 | 20590        | 5883           |
| 70,6          | 721        | 1,5  | 12,75 | S102 | 132MB6 | 21505        | 6144           |
| 64,3          | 792        | 1,6  | 13,99 | S102 | 132MB6 | 22000        | 6300           |
| 52,3          | 974        | 1,4  | 17,21 | S102 | 132MB6 | 22000        | 6652           |
| 47,4          | 1075       | 1,4  | 19,00 | S102 | 132MB6 | 22000        | 6822           |
| 40,7          | 1252       | 1,2  | 22,13 | S102 | 132MB6 | 22000        | 7083           |
| 37,1          | 1374       | 1,1  | 24,28 | S102 | 132MB6 | 22000        | 7242           |
| 34,2          | 1490       | 1,1  | 26,33 | S102 | 132MB6 | 22000        | 7380           |
| 30,1          | 1690       | 0,9  | 29,87 | S102 | 132MB6 | 22000        | 7592           |
| 65,9          | 765        | >3   | 21,25 | S122 | 132S4  | 30000        | 8947           |
| 60,1          | 839        | >3   | 23,29 | S122 | 132S4  | 30000        | 9168           |
| 53,5          | 942        | >3   | 26,15 | S122 | 132S4  | 30000        | 9449           |
| 49,0          | 1030       | 2,9  | 28,60 | S122 | 132S4  | 30000        | 9667           |
| 45,9          | 1099       | 2,7  | 30,51 | S122 | 132S4  | 30000        | 9826           |
| 41,9          | 1205       | 2,5  | 33,44 | S122 | 132S4  | 30000        | 10050          |
| 39,8          | 1268       | 2,4  | 35,20 | S122 | 132S4  | 30000        | 10175          |
| 34,1          | 1479       | 2,0  | 41,07 | S122 | 132S4  | 30000        | 10549          |
| 32,1          | 1570       | 1,9  | 43,60 | S122 | 132S4  | 30000        | 10692          |
| 28,5          | 1766       | 1,4  | 49,04 | S122 | 132S4  | 30000        | 10971          |
| 26,0          | 1936       | 1,3  | 53,75 | S122 | 132S4  | 30000        | 11183          |
| 21,2          | 2377       | 1,3  | 66,00 | S122 | 132S4  | 30000        | 11200          |
| 42,4          | 1202       | 2,4  | 21,25 | S122 | 132MB6 | 30000        | 10009          |
| 38,6          | 1318       | 2,3  | 23,29 | S122 | 132MB6 | 30000        | 10231          |
| 34,4          | 1480       | 2,1  | 26,15 | S122 | 132MB6 | 30000        | 10510          |
| 31,5          | 1618       | 1,9  | 28,60 | S122 | 132MB6 | 30000        | 10723          |
| 29,5          | 1727       | 1,8  | 30,51 | S122 | 132MB6 | 30000        | 10875          |
| 26,9          | 1893       | 1,7  | 33,44 | S122 | 132MB6 | 30000        | 11088          |
| 25,6          | 1992       | 1,6  | 35,20 | S122 | 132MB6 | 30000        | 11200          |
| 21,9          | 2324       | 1,4  | 41,07 | S122 | 132MB6 | 30000        | 11200          |
| 20,6          | 2467       | 1,3  | 43,60 | S122 | 132M66 | 30000        | 11200          |
| 18,4          | 2775       | 0,9  | 49,04 | S122 | 132MB6 | 30000        | 11200          |
| 19,7          | 2506       | 1,1  | 71,07 | S123 | 132S4  | 30000        | 11200          |
| 16,0          | 3078       | 1,0  | 87,27 | S123 | 132S4  | 30000        | 11200          |

**7,50 kW**

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i     |      |        | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|-------|------|--------|--------------|----------------|
| 190,8         | 360        | 1,5  | 7,34  | S082 | 132MA4 | 12653        | 3615           |
| 173,6         | 396        | 1,5  | 8,06  | S082 | 132MA4 | 12972        | 3706           |
| 140,8         | 488        | 1,3  | 9,94  | S082 | 132MA4 | 13692        | 3912           |
| 120,6         | 570        | 1,2  | 11,61 | S082 | 132MA4 | 14224        | 4064           |
| 109,8         | 626        | 1,2  | 12,75 | S082 | 132MA4 | 14547        | 4156           |
| 89,0          | 772        | 1,0  | 15,73 | S082 | 132MA4 | 15256        | 4359           |
| 80,9          | 849        | 0,9  | 17,29 | S082 | 132MA4 | 15571        | 4449           |
| 173,6         | 396        | 2,1  | 8,06  | S102 | 132MA4 | 16342        | 4669           |
| 158,3         | 434        | 2,1  | 8,85  | S102 | 132MA4 | 16782        | 4795           |
| 128,6         | 535        | 1,8  | 10,88 | S102 | 132MA4 | 17790        | 5083           |



Performance / 馬力選擇表 - S型軸上型齒輪減速機

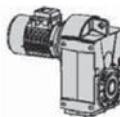
摩 托 迪 克

7,50 kW

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i     |      |        | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|-------|------|--------|--------------|----------------|
| 109,8         | 626        | 1,6  | 12,75 | S102 | 132MA4 | 18580        | 5309           |
| 100,1         | 687        | 1,7  | 13,99 | S102 | 132MA4 | 19051        | 5443           |
| 81,3          | 845        | 1,5  | 17,21 | S102 | 132MA4 | 20115        | 5747           |
| 73,7          | 933        | 1,5  | 19,00 | S102 | 132MA4 | 20627        | 5893           |
| 63,3          | 1087       | 1,3  | 22,13 | S102 | 132MA4 | 21416        | 6119           |
| 57,7          | 1192       | 1,3  | 24,28 | S102 | 132MA4 | 21895        | 6256           |
| 53,2          | 1293       | 1,2  | 26,33 | S102 | 132MA4 | 22000        | 6375           |
| 46,9          | 1467       | 1,0  | 29,87 | S102 | 132MA4 | 22000        | 6558           |
| 43,2          | 1591       | 0,9  | 32,40 | S102 | 132MA4 | 22000        | 6674           |
| 111,6         | 622        | 1,4  | 8,06  | S102 | 160M6  | 18481        | 5280           |
| 101,7         | 683        | 1,4  | 8,85  | S102 | 160M6  | 18949        | 5414           |
| 82,7          | 840        | 1,2  | 10,88 | S102 | 160M6  | 20008        | 5717           |
| 70,6          | 984        | 1,1  | 12,75 | S102 | 160M6  | 20824        | 5950           |
| 64,3          | 1079       | 1,2  | 13,99 | S102 | 160M6  | 21302        | 6086           |
| 52,3          | 1328       | 1,0  | 17,21 | S102 | 160M6  | 22000        | 6390           |
| 65,9          | 1044       | 2,7  | 21,25 | S122 | 132MA4 | 30000        | 8646           |
| 60,1          | 1144       | 2,5  | 23,29 | S122 | 132MA4 | 30000        | 8838           |
| 53,5          | 1285       | 2,3  | 26,15 | S122 | 132MA4 | 30000        | 9079           |
| 49,0          | 1405       | 2,1  | 28,60 | S122 | 132MA4 | 30000        | 9262           |
| 45,9          | 1499       | 2,0  | 30,51 | S122 | 132MA4 | 30000        | 9393           |
| 41,9          | 1643       | 1,8  | 33,44 | S122 | 132MA4 | 30000        | 9576           |
| 39,8          | 1729       | 1,7  | 35,20 | S122 | 132MA4 | 30000        | 9676           |
| 34,1          | 2017       | 1,5  | 41,07 | S122 | 132MA4 | 30000        | 9967           |
| 32,1          | 2141       | 1,4  | 43,60 | S122 | 132MA4 | 30000        | 10074          |
| 28,5          | 2408       | 1,0  | 49,04 | S122 | 132MA4 | 30000        | 10275          |
| 26,0          | 2640       | 1,0  | 53,75 | S122 | 132MA4 | 30000        | 10421          |
| 21,2          | 3242       | 0,9  | 66,00 | S122 | 132MA4 | 30000        | 10701          |
| 106,1         | 655        | 2,4  | 8,48  | S122 | 160M6  | 26756        | 7645           |
| 96,8          | 717        | 2,5  | 9,30  | S122 | 160M6  | 27417        | 7833           |
| 78,8          | 881        | 2,3  | 11,42 | S122 | 160M6  | 28910        | 8260           |
| 71,3          | 974        | 2,4  | 12,63 | S122 | 160M6  | 29646        | 8470           |
| 65,0          | 1068       | 2,4  | 13,84 | S122 | 160M6  | 30000        | 8662           |
| 53,0          | 1311       | 2,1  | 16,99 | S122 | 160M6  | 30000        | 9087           |
| 42,4          | 1640       | 1,8  | 21,25 | S122 | 160M6  | 30000        | 9535           |
| 38,6          | 1797       | 1,7  | 23,29 | S122 | 160M6  | 30000        | 9712           |
| 34,4          | 2018       | 1,6  | 26,15 | S122 | 160M6  | 30000        | 9928           |
| 31,5          | 2207       | 1,4  | 28,6  | S122 | 160M6  | 30000        | 10086          |
| 29,5          | 2354       | 1,3  | 30,51 | S122 | 160M6  | 30000        | 10196          |
| 26,9          | 2581       | 1,2  | 33,44 | S122 | 160M6  | 30000        | 10343          |
| 25,6          | 2716       | 1,2  | 35,2  | S122 | 160M6  | 30000        | 10420          |
| 21,9          | 3169       | 1,0  | 41,07 | S122 | 160M6  | 30000        | 10627          |

9,20 kW

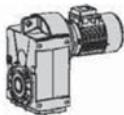
| n2<br>[1/min] | M2<br>[Nm] | f,S, | i     |      |        | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|-------|------|--------|--------------|----------------|
| 190,8         | 442        | 1,2  | 7,34  | S082 | 132MB4 | 12385        | 3538           |
| 173,6         | 486        | 1,2  | 8,06  | S082 | 132MB4 | 12678        | 3622           |
| 140,8         | 599        | 1,1  | 9,94  | S082 | 132MB4 | 13328        | 3808           |
| 120,6         | 699        | 1,0  | 11,61 | S082 | 132MB4 | 13800        | 3943           |


**Performance / 馬力選擇表 – S型軸上型齒輪減速機**
**摩 托 迪 克**
**9,20 kW**

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i     |      |        | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|-------|------|--------|--------------|----------------|
| 109,8         | 768        | 1,0  | 12,75 | S082 | 132MB4 | 14080        | 4023           |
| 173,6         | 486        | 1,7  | 8,06  | S102 | 132MB4 | 16109        | 4603           |
| 158,3         | 533        | 1,7  | 8,85  | S102 | 132MB4 | 16526        | 4722           |
| 128,6         | 656        | 1,4  | 10,88 | S102 | 132MB4 | 17476        | 4993           |
| 109,8         | 768        | 1,3  | 12,75 | S102 | 132MB4 | 18212        | 5203           |
| 100,1         | 843        | 1,4  | 13,99 | S102 | 132MB4 | 18646        | 5328           |
| 81,3          | 1037       | 1,3  | 17,21 | S102 | 132MB4 | 19618        | 5605           |
| 73,7          | 1145       | 1,2  | 19,00 | S102 | 132MB4 | 20078        | 5736           |
| 63,3          | 1333       | 1,1  | 22,13 | S102 | 132MB4 | 20777        | 5936           |
| 57,7          | 1463       | 1,0  | 24,28 | S102 | 132MB4 | 21194        | 6055           |
| 53,2          | 1587       | 0,9  | 26,33 | S102 | 132MB4 | 21552        | 6158           |
| 65,9          | 1280       | 2,2  | 21,25 | S122 | 132MB4 | 29365        | 8390           |
| 60,1          | 1403       | 2,1  | 23,29 | S122 | 132MB4 | 29950        | 8557           |
| 53,5          | 1576       | 1,9  | 26,15 | S122 | 132MB4 | 30000        | 8763           |
| 49,0          | 1723       | 1,7  | 28,60 | S122 | 132MB4 | 30000        | 8917           |
| 45,9          | 1838       | 1,6  | 30,51 | S122 | 132MB4 | 30000        | 9026           |
| 41,9          | 2015       | 1,5  | 33,44 | S122 | 132MB4 | 30000        | 9173           |
| 39,8          | 2121       | 1,4  | 35,20 | S122 | 132MB4 | 30000        | 9252           |
| 34,1          | 2474       | 1,2  | 41,07 | S122 | 132MB4 | 30000        | 9472           |
| 32,1          | 2627       | 1,1  | 43,60 | S122 | 132MB4 | 30000        | 9549           |

**11,00 kW**

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i     |      |              | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|-------|------|--------------|--------------|----------------|
| 173,6         | 581        | 1,5  | 8,06  | S102 | 132MC4/160S4 | 15862        | 4532           |
| 158,3         | 637        | 1,4  | 8,85  | S102 | 132MC4/160S4 | 16256        | 4644           |
| 128,6         | 784        | 1,2  | 10,88 | S102 | 132MC4/160S4 | 17143        | 4898           |
| 109,8         | 918        | 1,1  | 12,75 | S102 | 132MC4/160S4 | 17822        | 5092           |
| 100,1         | 1008       | 1,2  | 13,99 | S102 | 132MC4/160S4 | 18218        | 5205           |
| 81,3          | 1240       | 1,0  | 17,21 | S102 | 132MC4/160S4 | 19091        | 5455           |
| 111,6         | 912        | 1,2  | 8,06  | S102 | 160L6        | 17728        | 5065           |
| 101,7         | 1001       | 1,1  | 8,85  | S102 | 160L6        | 18122        | 5178           |
| 65,9          | 1531       | 1,8  | 21,25 | S122 | 132MC4/160S4 | 28416        | 8119           |
| 60,1          | 1678       | 1,7  | 23,29 | S122 | 132MC4/160S4 | 28910        | 8260           |
| 53,5          | 1884       | 1,6  | 26,15 | S122 | 132MC4/160S4 | 29504        | 8430           |
| 49,0          | 2060       | 1,5  | 28,60 | S122 | 132MC4/160S4 | 29934        | 8553           |
| 45,9          | 2198       | 1,4  | 30,51 | S122 | 132MC4/160S4 | 30000        | 8636           |
| 41,9          | 2409       | 1,2  | 33,44 | S122 | 132MC4/160S4 | 30000        | 8746           |
| 39,8          | 2536       | 1,2  | 35,20 | S122 | 132MC4/160S4 | 30000        | 8803           |
| 34,1          | 2958       | 1,0  | 41,07 | S122 | 132MC4/160S4 | 30000        | 8948           |
| 165,0         | 611        | 2,5  | 8,48  | S122 | 132MC4/160S4 | 22955        | 6558           |
| 150,6         | 670        | 2,5  | 9,30  | S122 | 132MC4/160S4 | 23509        | 6717           |
| 122,6         | 822        | 2,3  | 11,42 | S122 | 132MC4/160S4 | 24757        | 7073           |
| 110,9         | 910        | 2,4  | 12,63 | S122 | 132MC4/160S4 | 25368        | 7248           |
| 101,2         | 997        | 2,4  | 13,84 | S122 | 132MC4/160S4 | 25923        | 7407           |
| 82,4          | 1224       | 2,1  | 16,99 | S122 | 132MC4/160S4 | 27144        | 7756           |
| 106,1         | 960        | 1,6  | 8,48  | S122 | 160L6        | 25599        | 7314           |
| 96,8          | 1052       | 1,7  | 9,30  | S122 | 160L6        | 26148        | 7471           |
| 78,8          | 1292       | 1,5  | 11,42 | S122 | 160L6        | 27352        | 7815           |
| 71,3          | 1429       | 1,6  | 12,63 | S122 | 160L6        | 27924        | 7978           |



Performance / 馬力選擇表 - S型軸上型齒輪減速機

摩 托 迪 克

**11,00 kW**

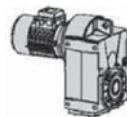
| n2<br>[1/min] | M2<br>[Nm] | f,S, | i     |      |       | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|-------|------|-------|--------------|----------------|
| 65,0          | 1566       | 1,6  | 13,84 | S122 | 160L6 | 28428        | 8122           |
| 53,0          | 1923       | 1,4  | 16,99 | S122 | 160L6 | 29485        | 8424           |
| 42,4          | 2405       | 1,2  | 21,25 | S122 | 160L6 | 30000        | 8707           |
| 38,6          | 2636       | 1,2  | 23,29 | S122 | 160L6 | 30000        | 8805           |
| 34,4          | 2960       | 1,1  | 26,15 | S122 | 160L6 | 30000        | 8909           |
| 31,5          | 3237       | 1,0  | 28,60 | S122 | 160L6 | 30000        | 8972           |
| 29,5          | 3453       | 0,9  | 30,51 | S122 | 160L6 | 30000        | 9007           |

**15,00 kW**

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i     |      |       | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|-------|------|-------|--------------|----------------|
| 173,6         | 792        | 1,1  | 8,06  | S102 | 160L4 | 15314        | 4375           |
| 158,3         | 869        | 1,0  | 8,85  | S102 | 160L4 | 15654        | 4473           |
| 165,0         | 833        | 1,8  | 8,48  | S122 | 160L4 | 22113        | 6318           |
| 150,6         | 913        | 1,9  | 9,30  | S122 | 160L4 | 22586        | 6453           |
| 122,6         | 1121       | 1,7  | 11,42 | S122 | 160L4 | 23624        | 6750           |
| 110,9         | 1240       | 1,8  | 12,63 | S122 | 160L4 | 24116        | 6890           |
| 101,2         | 1359       | 1,8  | 13,84 | S122 | 160L4 | 24550        | 7014           |
| 82,4          | 1669       | 1,6  | 16,99 | S122 | 160L4 | 25458        | 7274           |
| 65,9          | 2087       | 1,3  | 21,25 | S122 | 160L4 | 26307        | 7516           |
| 60,1          | 2288       | 1,3  | 23,29 | S122 | 160L4 | 26599        | 7600           |
| 53,5          | 2569       | 1,2  | 26,15 | S122 | 160L4 | 26909        | 7688           |
| 49,0          | 2809       | 1,1  | 28,60 | S122 | 160L4 | 27096        | 7742           |
| 45,9          | 2997       | 1,0  | 30,51 | S122 | 160L4 | 27199        | 7771           |
| 41,9          | 3285       | 0,9  | 33,44 | S122 | 160L4 | 27293        | 7798           |
| 106,1         | 1309       | 1,2  | 8,48  | S122 | 180L6 | 24277        | 6936           |
| 96,8          | 1435       | 1,2  | 9,30  | S122 | 180L6 | 24699        | 7057           |
| 78,8          | 1762       | 1,1  | 11,42 | S122 | 180L6 | 25573        | 7306           |
| 71,3          | 1949       | 1,2  | 12,63 | S122 | 180L6 | 25955        | 7416           |
| 65,0          | 2136       | 1,2  | 13,84 | S122 | 180L6 | 26271        | 7506           |
| 53,0          | 2623       | 1,0  | 16,99 | S122 | 180L6 | 26836        | 7667           |

**18,50 kW**

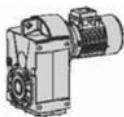
| n2<br>[1/min] | M2<br>[Nm] | f,S, | i     |      |        | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|-------|------|--------|--------------|----------------|
| 165,0         | 1028       | 1,5  | 8,48  | S122 | 180M4  | 21376        | 6108           |
| 150,6         | 1126       | 1,5  | 9,30  | S122 | 180M4  | 21779        | 6223           |
| 122,6         | 1383       | 1,4  | 11,42 | S122 | 180M4  | 22633        | 6466           |
| 110,9         | 1530       | 1,4  | 12,63 | S122 | 180M4  | 23019        | 6577           |
| 101,2         | 1677       | 1,4  | 13,84 | S122 | 180M4  | 23348        | 6671           |
| 82,4          | 2059       | 1,3  | 16,99 | S122 | 180M4  | 23983        | 6852           |
| 65,9          | 2574       | 1,1  | 21,25 | S122 | 180M4  | 24462        | 6989           |
| 60,1          | 2822       | 1,0  | 23,29 | S122 | 180M4  | 24577        | 7022           |
| 53,5          | 3169       | 0,9  | 26,15 | S122 | 180M4  | 24638        | 7040           |
| 106,1         | 1615       | 1,0  | 8,48  | S122 | 200LA6 | 23120        | 6606           |
| 96,8          | 1770       | 1,0  | 9,30  | S122 | 200LA6 | 23431        | 6694           |


**Performance / 馬力選擇表 – S型軸上型齒輪減速機**
**摩 托 迪 克**
**22,00 kW**

| n2<br>[1/min] | M2<br>[Nm] | f,S, | i     |      |       | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|-------|------|-------|--------------|----------------|
| 165,0         | 1222       | 1,2  | 8,48  | S122 | 180L4 | 20640        | 5897           |
| 150,6         | 1339       | 1,3  | 9,30  | S122 | 180L4 | 20972        | 5992           |
| 122,6         | 1645       | 1,2  | 11,42 | S122 | 180L4 | 21641        | 6183           |
| 110,9         | 1819       | 1,2  | 12,63 | S122 | 180L4 | 21923        | 6264           |
| 101,2         | 1994       | 1,2  | 13,84 | S122 | 180L4 | 22147        | 6328           |
| 82,4          | 2448       | 1,1  | 16,99 | S122 | 180L4 | 22507        | 6431           |
| 65,9          | 3061       | 0,9  | 21,25 | S122 | 180L4 | 22617        | 6462           |

**30,00 kW**

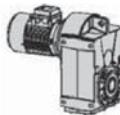
| n2<br>[1/min] | M2<br>[Nm] | f,S, | i    |      |       | Fr2 D<br>[N] | Fr2 C-L<br>[N] |
|---------------|------------|------|------|------|-------|--------------|----------------|
| 165,0         | 1666       | 0,9  | 8,48 | S122 | 200L4 | 18957        | 5416           |
| 150,6         | 1827       | 0,9  | 9,30 | S122 | 200L4 | 19127        | 5465           |



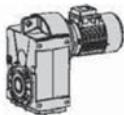
IS (n1=1400) Performances / 馬力選擇表

摩 托 迪 克

| 出力扭矩<br>(Nm) M2 | i減速比   | 輸入馬力<br>P1 (kW) | 出力轉速<br>n2 (1/min) | Size<br>框 號 | 徑向負載<br>Fr1 (N) | 徑向負載<br>Fr2 D (N) | 徑向負載<br>Fr2 C (N) | 圖 |
|-----------------|--------|-----------------|--------------------|-------------|-----------------|-------------------|-------------------|---|
| 170             | 8.63   | 3.0             | 162.3              | IS052       | 718             | 3375              | 3375              |   |
| 190             | 11.14  | 2.6             | 125.7              |             | 810             | 3644              | 3644              |   |
| 210             | 13.66  | 2.3             | 102.5              |             | 869             | 3857              | 3857              |   |
| 240             | 15.27  | 2.4             | 91.7               |             | 857             | 3874              | 3874              |   |
| 240             | 16.29  | 2.3             | 86.0               |             | 891             | 3987              | 3987              |   |
| 240             | 18.63  | 2.0             | 75.1               |             | 956             | 4231              | 4231              |   |
| 260             | 21.04  | 1.9             | 66.6               |             | 974             | 4345              | 4345              |   |
| 260             | 24.07  | 1.6             | 58.2               |             | 1029            | 4611              | 4611              |   |
| 290             | 25.79  | 1.7             | 54.3               |             | 1013            | 4578              | 4578              |   |
| 290             | 27.81  | 1.6             | 50.3               |             | 1042            | 4736              | 4736              |   |
| 290             | 30.00  | 1.5             | 46.7               |             | 1069            | 4898              | 4898              |   |
| 300             | 32.55  | 1.4             | 43.0               |             | 1084            | 5020              | 5020              |   |
| 330             | 36.55  | 1.4             | 38.3               |             | 1091            | 5109              | 5109              |   |
| 350             | 39.90  | 1.3             | 35.1               |             | 1100            | 5200              | 5200              |   |
| 350             | 42.63  | 1.3             | 32.8               |             | 1119            | 5359              | 5359              |   |
| 350             | 47.20  | 1.1             | 29.7               |             | 1147            | 5612              | 5612              |   |
| 350             | 52.25  | 1.0             | 26.8               |             | 1172            | 5873              | 5873              |   |
| 350             | 57.86  | 0.92            | 24.2               |             | 1195            | 6000              | 6000              |   |
| 350             | 72.83  | 0.73            | 19.2               |             | 1238            | 6000              | 6000              |   |
| 350             | 74.20  | 0.7             | 18.9               | IS053       | 1242            | 6000              | 6000              |   |
| 350             | 95.84  | 0.57            | 14.6               |             | 1279            | 6000              | 6000              |   |
| 350             | 117.48 | 0.46            | 11.9               |             | 1302            | 6000              | 6000              |   |
| 350             | 137.45 | 0.40            | 10.2               |             | 1317            | 6000              | 6000              |   |
| 350             | 177.55 | 0.31            | 7.9                |             | 1338            | 6000              | 6000              |   |
| 350             | 198.45 | 0.28            | 7.1                |             | 1345            | 6000              | 6000              |   |
| 350             | 217.64 | 0.25            | 6.4                |             | 1350            | 6000              | 6000              |   |
| 350             | 256.33 | 0.21            | 5.5                |             | 1359            | 6000              | 6000              |   |
| 350             | 314.21 | 0.17            | 4.5                |             | 1367            | 6000              | 6000              |   |
| 330             | 8.00   | 6.3             | 175.0              | IS062       | 350             | 5225              | 2090              |   |
| 360             | 9.55   | 5.8             | 146.7              |             | 441             | 5474              | 2190              |   |
| 390             | 11.71  | 5.1             | 119.6              |             | 554             | 5825              | 2330              |   |
| 420             | 13.36  | 4.8             | 104.8              |             | 602             | 6004              | 2401              |   |
| 450             | 15.94  | 4.3             | 87.8               |             | 684             | 6334              | 2533              |   |
| 460             | 19.55  | 3.6             | 71.6               |             | 805             | 6911              | 2764              |   |
| 470             | 23.18  | 3.1             | 60.4               |             | 888             | 7415              | 2966              |   |
| 480             | 25.14  | 2.9             | 55.7               |             | 919             | 7635              | 3054              |   |
| 480             | 27.66  | 2.7             | 50.6               |             | 963             | 7976              | 3190              |   |
| 500             | 30.00  | 2.5             | 46.7               |             | 981             | 8149              | 3260              |   |
| 540             | 33.93  | 2.4             | 41.3               |             | 1000            | 8364              | 3346              |   |
| 600             | 36.57  | 2.5             | 38.3               |             | 988             | 8280              | 3312              |   |
| 600             | 39.38  | 2.3             | 35.6               |             | 1018            | 8578              | 3431              |   |
| 600             | 43.64  | 2.1             | 32.1               |             | 1056            | 9005              | 3602              |   |
| 600             | 46.10  | 2.0             | 30.4               |             | 1075            | 9239              | 3695              |   |
| 600             | 53.53  | 1.7             | 26.2               |             | 1121            | 9898              | 3959              |   |
| 600             | 55.00  | 1.7             | 25.5               |             | 1129            | 10000             | 4000              |   |
| 600             | 67.47  | 1.4             | 20.8               |             | 1181            | 10000             | 4000              |   |
| 600             | 81.43  | 1.1             | 17.2               | IS063       | 1220            | 10000             | 4000              |   |
| 600             | 99.89  | 0.94            | 14.0               |             | 1255            | 10000             | 4000              |   |
| 600             | 126.43 | 0.74            | 11.1               |             | 1287            | 10000             | 4000              |   |
| 600             | 150.85 | 0.62            | 9.3                |             | 1307            | 10000             | 4000              |   |
| 600             | 185.05 | 0.51            | 7.6                |             | 1326            | 10000             | 4000              |   |
| 600             | 217.79 | 0.43            | 6.4                |             | 1338            | 10000             | 4000              |   |
| 600             | 267.16 | 0.35            | 5.2                |             | 1351            | 10000             | 4000              |   |
| 550             | 7.34   | 11.4            | 190.8              | IS082       | 1261            | 12030             | 3437              |   |
| 600             | 8.06   | 11.4            | 173.6              |             | 1273            | 12302             | 3515              |   |
| 650             | 9.94   | 10.0            | 140.8              |             | 1482            | 13161             | 3760              |   |
| 700             | 11.61  | 9.2             | 120.6              |             | 1598            | 13797             | 3942              |   |


**IS (n1=1400) Performances / 馬力選擇表**
**摩 托 迪 克**

| 出力扭矩<br>(Nm) M2 | i減速比   | 輸入馬力<br>P1 (kW) | 出力轉速<br>n2 (1/min) | Size<br>框 號  | 徑向負載<br>Fr1 (N) | 徑向負載<br>Fr2 D (N) | 徑向負載<br>Fr2 C (N) |  |
|-----------------|--------|-----------------|--------------------|--------------|-----------------|-------------------|-------------------|---|
| 750             | 12.75  | 9.0             | 109.8              | <b>IS082</b> | 1632            | 14140             | 4040              |   |
| 770             | 15.73  | 7.5             | 89.0               |              | 1859            | 15264             | 4361              |   |
| 770             | 17.29  | 6.8             | 80.9               |              | 1962            | 15832             | 4523              |   |
| 770             | 20.14  | 5.8             | 69.5               |              | 2107            | 16778             | 4794              |   |
| 800             | 22.13  | 5.5             | 63.3               |              | 2154            | 17288             | 4939              |   |
| 800             | 24.00  | 5.1             | 58.3               |              | 2219            | 17830             | 5094              |   |
| 900             | 27.29  | 5.0             | 51.3               |              | 2228            | 18000             | 5253              |   |
| 900             | 28.67  | 4.8             | 48.8               |              | 2264            | 18000             | 5354              |   |
| 1000            | 31.78  | 4.8             | 44.1               |              | 2262            | 18000             | 5474              |   |
| 1000            | 34.91  | 4.4             | 40.1               |              | 2327            | 18000             | 5676              |   |
| 1000            | 40.05  | 3.8             | 35.0               |              | 2412            | 18000             | 5983              |   |
| 1000            | 43.05  | 3.5             | 32.5               |              | 2452            | 18000             | 6150              |   |
| 1000            | 50.25  | 3.0             | 27.9               |              | 2529            | 18000             | 6521              |   |
| 1000            | 54.27  | 2.8             | 25.8               |              | 2563            | 18000             | 6712              |   |
| 1000            | 61.98  | 2.5             | 22.6               |              | 2616            | 18000             | 7055              |   |
| 1000            | 67.52  | 2.3             | 20.7               | <b>IS083</b> | 2646            | 18000             | 7285              |   |
| 1000            | 74.18  | 2.1             | 18.9               |              | 2677            | 18000             | 7544              |   |
| 1000            | 91.49  | 1.7             | 15.3               |              | 2735            | 18000             | 8152              |   |
| 1000            | 117.17 | 1.3             | 11.9               |              | 2791            | 18000             | 8925              |   |
| 1000            | 128.73 | 1.2             | 10.9               |              | 2808            | 18000             | 9236              |   |
| 1000            | 158.76 | 0.98            | 8.8                |              | 2842            | 18000             | 7200              |   |
| 1000            | 184.88 | 0.84            | 7.6                |              | 2863            | 18000             | 7200              |   |
| 1000            | 203.11 | 0.77            | 6.9                |              | 2874            | 18000             | 7200              |   |
| 1000            | 250.50 | 0.62            | 5.6                |              | 2895            | 18000             | 7200              |   |
| 1000            | 292.36 | 0.53            | 4.8                |              | 2908            | 18000             | 7200              |   |
| 1000            | 315.73 | 0.49            | 4.4                |              | 2914            | 18000             | 7200              |   |
| 1000            | 360.58 | 0.43            | 3.9                |              | 2923            | 18000             | 7200              |   |
| 850             | 8.06   | 16.1            | 173.6              | <b>IS102</b> | 647             | 15163             | 4332              |   |
| 900             | 8.85   | 15.5            | 158.3              |              | 729             | 15574             | 4450              |   |
| 950             | 10.88  | 13.3            | 128.6              |              | 1050            | 16712             | 4775              |   |
| 1000            | 12.75  | 12.0            | 109.8              |              | 1247            | 17610             | 5032              |   |
| 1200            | 13.99  | 13.1            | 100.1              |              | 1084            | 17719             | 5063              |   |
| 1300            | 17.21  | 11.5            | 81.3               |              | 1311            | 18935             | 5410              |   |
| 1400            | 19.00  | 11.3            | 73.7               |              | 1352            | 19415             | 5547              |   |
| 1400            | 22.13  | 9.7             | 63.3               |              | 1583            | 20603             | 5886              |   |
| 1500            | 24.28  | 9.4             | 57.7               |              | 1616            | 21097             | 6028              |   |
| 1500            | 26.33  | 8.7             | 53.2               |              | 1724            | 21777             | 6222              |   |
| 1500            | 29.87  | 7.7             | 46.9               |              | 1873            | 22000             | 6533              |   |
| 1500            | 32.40  | 7.1             | 43.2               |              | 1961            | 22000             | 6741              |   |
| 1400            | 34.91  | 6.1             | 40.1               |              | 2098            | 22000             | 7011              |   |
| 1500            | 38.30  | 6.0             | 36.6               |              | 2119            | 22000             | 7187              |   |
| 1300            | 44.00  | 4.5             | 31.8               |              | 2333            | 22000             | 7724              |   |
| 1600            | 47.13  | 5.2             | 29.7               |              | 2235            | 22000             | 7701              |   |
| 1300            | 55.14  | 3.6             | 25.4               |              | 2465            | 22000             | 8396              |   |
| 1600            | 59.40  | 4.1             | 23.6               |              | 2391            | 22000             | 8406              |   |
| 1600            | 67.84  | 3.6             | 20.6               |              | 2465            | 22000             | 8836              |   |
| 1600            | 74.18  | 3.4             | 18.9               | <b>IS103</b> | 2510            | 22000             | 9136              |   |
| 1600            | 81.39  | 3.1             | 17.2               |              | 2552            | 22000             | 9457              |   |
| 1600            | 100.15 | 2.5             | 14.0               |              | 2634            | 22000             | 10211             |   |
| 1600            | 110.55 | 2.3             | 12.7               |              | 2667            | 22000             | 10588             |   |
| 1600            | 128.73 | 1.9             | 10.9               |              | 2713            | 22000             | 11195             |   |
| 1600            | 141.24 | 1.8             | 9.9                |              | 2737            | 22000             | 11580             |   |
| 1600            | 173.78 | 1.4             | 8.1                |              | 2784            | 22000             | 9000              |   |
| 1600            | 203.11 | 1.2             | 6.9                |              | 2814            | 22000             | 9000              |   |
| 1600            | 222.85 | 1.1             | 6.3                |              | 2829            | 22000             | 9000              |   |
| 1600            | 274.20 | 0.91            | 5.1                |              | 2859            | 22000             | 9000              |   |
| 1600            | 320.79 | 0.8             | 4.4                |              | 2878            | 22000             | 9000              |   |

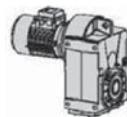
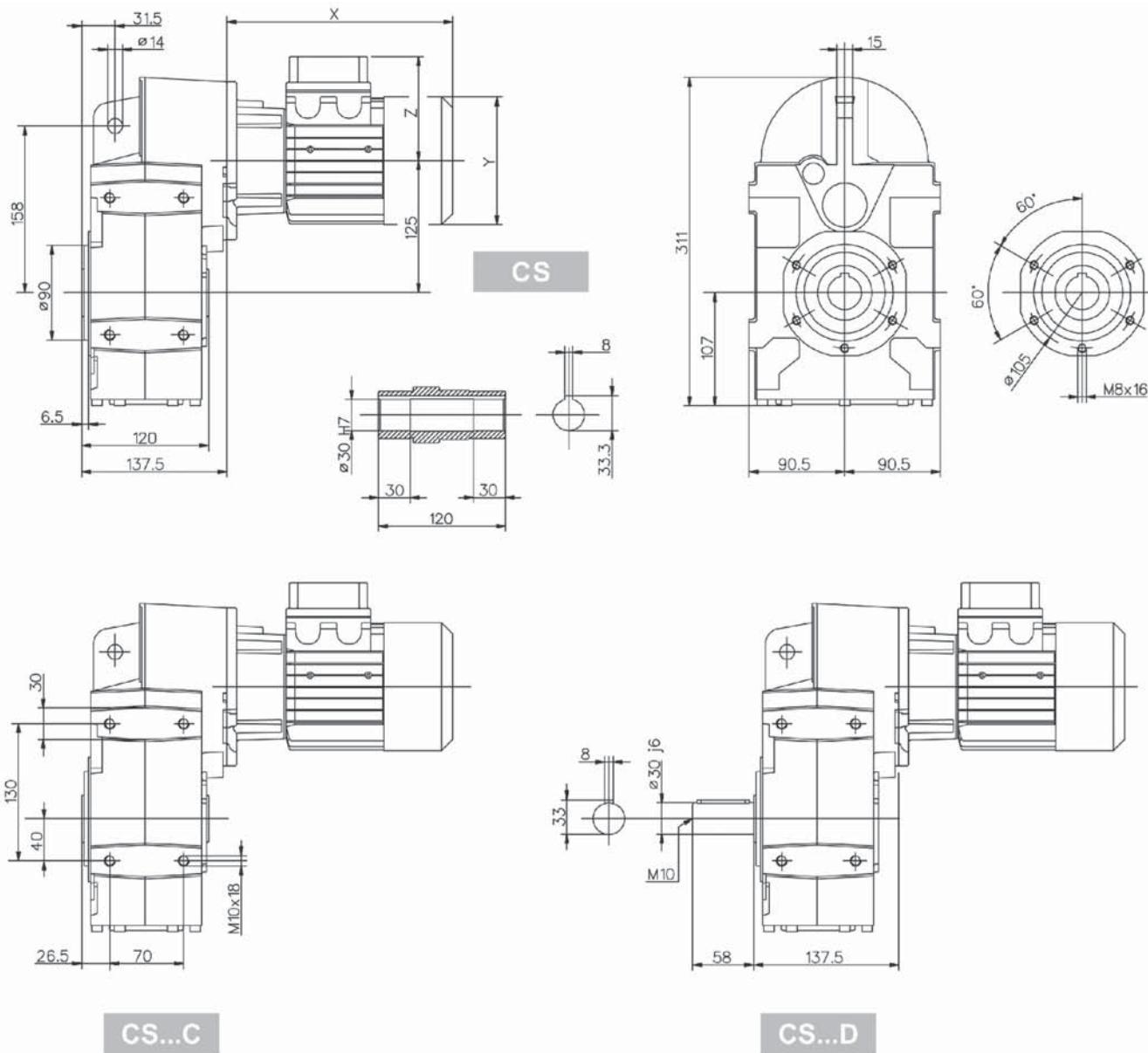


IS (n1=1400) Performances / 馬力選擇表

摩 托 迪 克

| 出力扭矩<br>(Nm) M2 | i減速比   | 輸入馬力<br>P1 (kW) | 出力轉速<br>n2 (1/min) | Size<br>框 號 | 徑向負載<br>Fr1 (N) | 徑向負載<br>Fr2 D (N) | 徑向負載<br>Fr2 C (N) | 圖 |
|-----------------|--------|-----------------|--------------------|-------------|-----------------|-------------------|-------------------|---|
| 1600            | 345.60 | 0.72            | 4.1                | IS103       | 2886            | 22000             | 9000              |   |
| 1600            | 394.69 | 0.63            | 3.5                |             | 2899            | 22000             | 9000              |   |
| 1500            | 8.48   | 27.0            | 165.0              | IS122       | 2951            | 19587             | 5596              |   |
| 1700            | 9.30   | 27.9            | 150.6              |             | 2916            | 19606             | 5602              |   |
| 1900            | 11.42  | 25.4            | 122.6              |             | 3010            | 20674             | 5907              |   |
| 2200            | 12.63  | 26.6            | 110.9              |             | 2966            | 20480             | 5851              |   |
| 2400            | 13.84  | 26.5            | 101.2              |             | 2970            | 20608             | 5888              |   |
| 2600            | 16.99  | 23.4            | 82.4               |             | 3087            | 21932             | 6266              |   |
| 2800            | 21.25  | 20.1            | 65.9               |             | 3209            | 23608             | 6745              |   |
| 2900            | 23.29  | 19.0            | 60.1               |             | 3251            | 24280             | 6937              |   |
| 3000            | 26.15  | 17.5            | 53.5               |             | 3252            | 25277             | 7222              |   |
| 3000            | 28.60  | 16.0            | 49.0               |             | 3253            | 26374             | 7535              |   |
| 3000            | 30.51  | 15.0            | 45.9               |             | 3254            | 27189             | 7768              |   |
| 3000            | 33.44  | 13.7            | 41.9               |             | 3255            | 28374             | 8107              |   |
| 3000            | 35.20  | 13.0            | 39.8               |             | 3256            | 29050             | 8300              |   |
| 3000            | 41.07  | 11.2            | 34.1               |             | 3257            | 30000             | 8903              |   |
| 3000            | 43.60  | 10.5            | 32.1               |             | 3258            | 30000             | 9145              |   |
| 2400            | 49.04  | 7.5             | 28.5               |             | 3685            | 30000             | 10285             |   |
| 2600            | 53.75  | 7.4             | 26.0               |             | 3688            | 30000             | 10464             |   |
| 3000            | 66.00  | 6.9             | 21.2               |             | 3705            | 30000             | 10962             |   |
| 2700            | 71.07  | 5.9             | 19.7               | IS123       | 3748            | 30000             | 11638             |   |
| 3000            | 87.27  | 5.4             | 16.0               |             | 3768            | 30000             | 12334             |   |
| 3000            | 112.52 | 4.2             | 12.4               |             | 3813            | 30000             | 13697             |   |
| 3000            | 123.33 | 3.8             | 11.4               |             | 3826            | 30000             | 14218             |   |
| 3000            | 133.78 | 3.5             | 10.5               |             | 3827            | 30000             | 14693             |   |
| 3000            | 151.43 | 3.1             | 9.2                |             | 3852            | 30000             | 11200             |   |
| 3000            | 177.53 | 2.6             | 7.9                |             | 3869            | 30000             | 11200             |   |
| 3000            | 194.59 | 2.4             | 7.2                |             | 3877            | 30000             | 11200             |   |
| 3000            | 238.93 | 2.0             | 5.9                |             | 3894            | 30000             | 11200             |   |

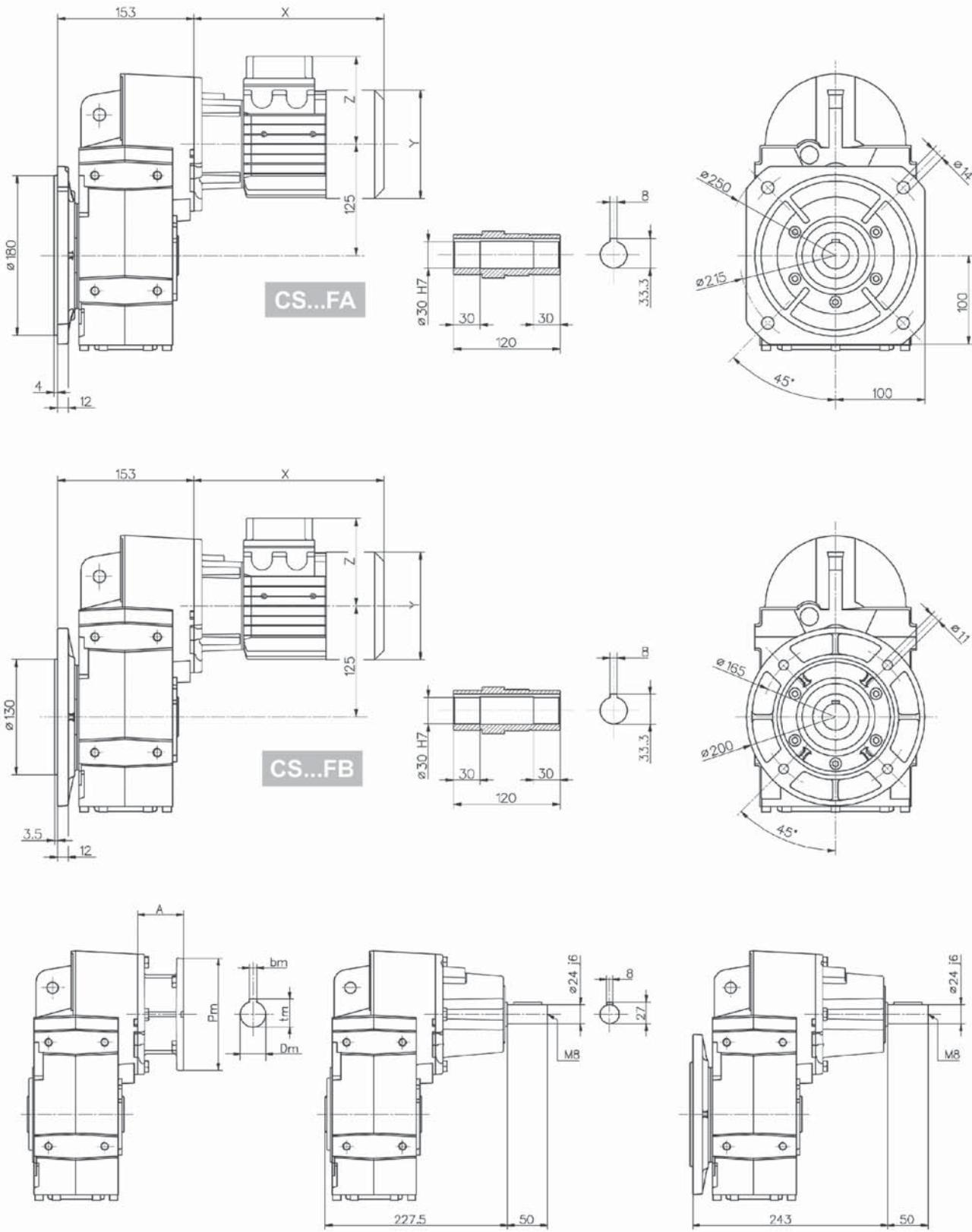
表列減速比與庫存有時未能完全相同,請在訂貨前先洽本公司業務部.


**052/..3 Dimensions / 尺寸圖**
**摩 托 迪 克**


| 050 | IS | PAM |   | Standard motor / 標準馬達 |     |     |     | Brake motor / 剎車馬達 |     |     |     |      |
|-----|----|-----|---|-----------------------|-----|-----|-----|--------------------|-----|-----|-----|------|
|     |    | ~Kg | A | ~Kg                   | X   | Y   | Z   | ~Kg                | X   | Y   | Z   | ~Kg  |
| 63  |    | 57  |   | 17.8                  | 215 | 121 | 104 | 21.3               | 273 | 121 | 119 | 22.8 |
| 71  |    | 69  |   | 18.2                  | 241 | 139 | 112 | 22.2               | 305 | 139 | 128 | 24.4 |
| 80  |    | 90  |   | 18.8                  | 268 | 158 | 122 | 26.9               | 341 | 158 | 137 | 30.4 |
| 90s | 21 | 90  |   | 18.8                  | 296 | 173 | 130 | 30.8               | 373 | 173 | 130 | 36.3 |
| 90I |    | 90  |   | 18.8                  | 321 | 173 | 130 | 32.8               | 398 | 173 | 130 | 38.3 |
| 100 |    | 105 |   | 23                    | 333 | 191 | 139 | 38.3               | 415 | 191 | 139 | 43.8 |
| 112 |    | 105 |   | 23                    | 351 | 211 | 154 | 49.8               | 448 | 211 | 154 | 59.5 |

For the dimensions concerning the motor connection area (Pm, Dm, bm, tm) please refer to the table shown at page A19.

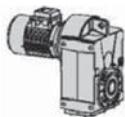
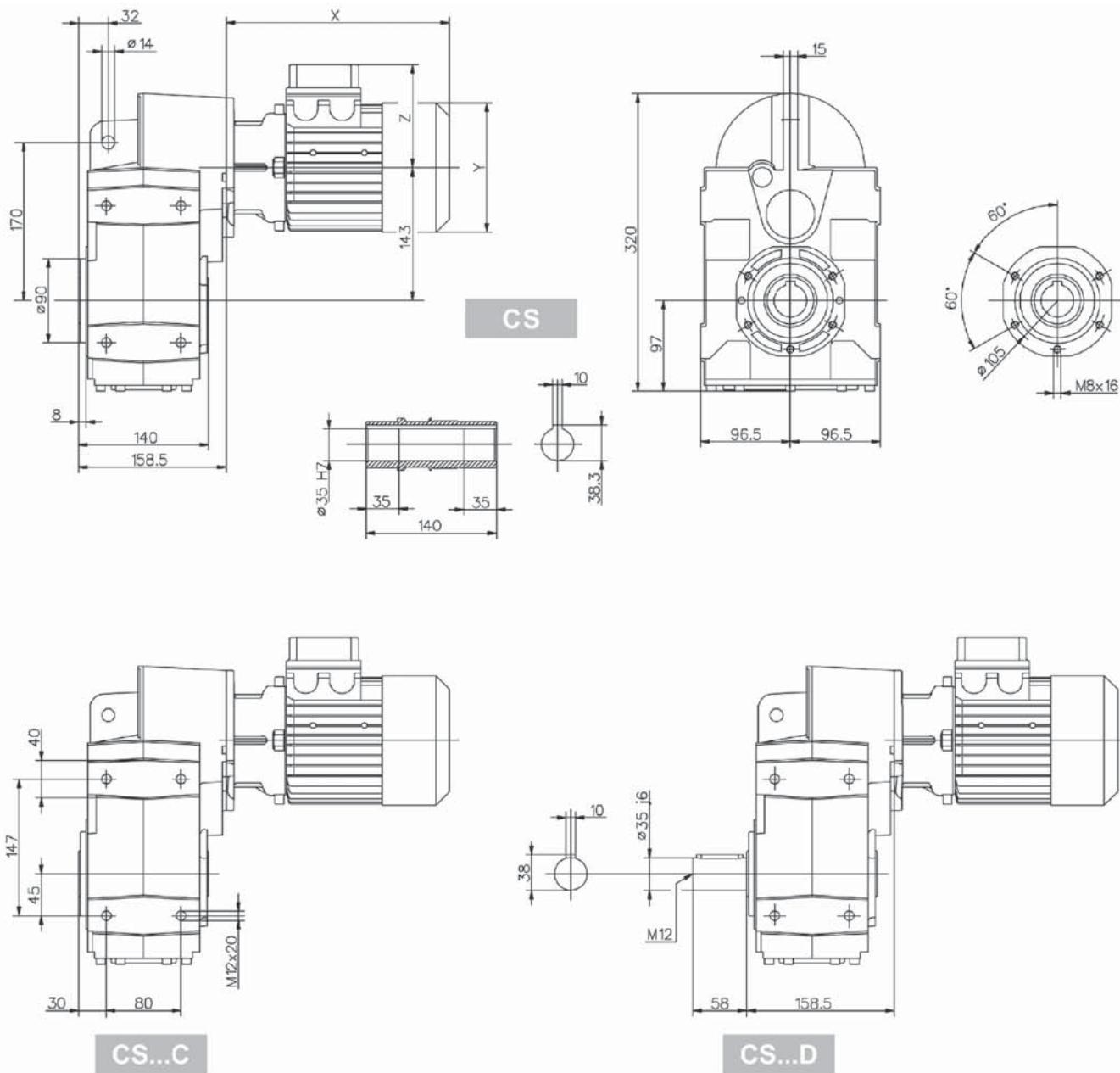
關於馬達連結法蘭尺寸 (Pm,Dm,bm,tm) 請參考第A19頁。



S...C

IS...C

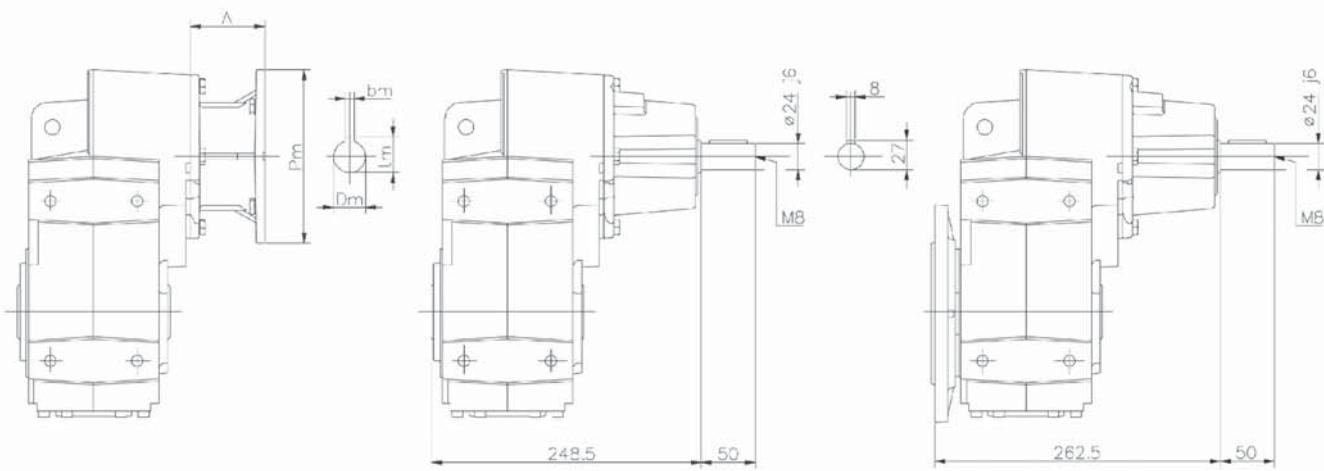
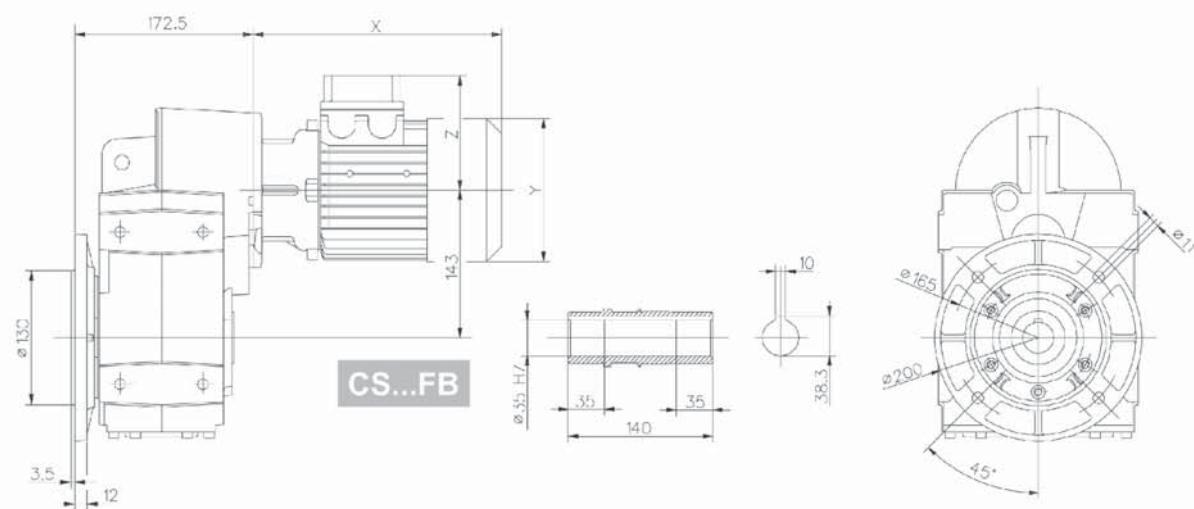
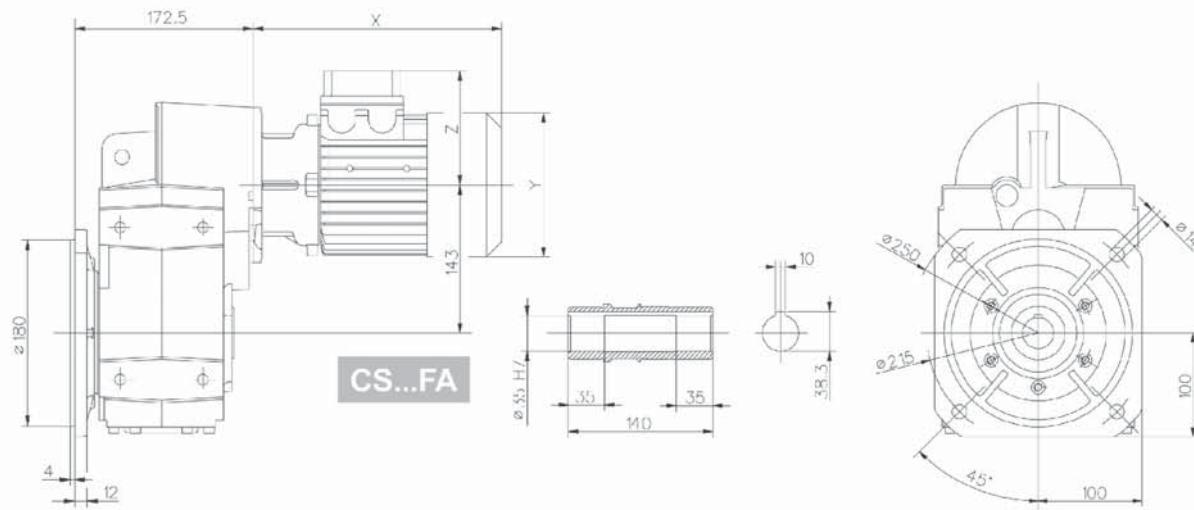
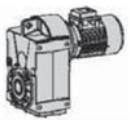
IS...FA - FB

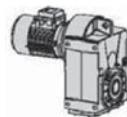
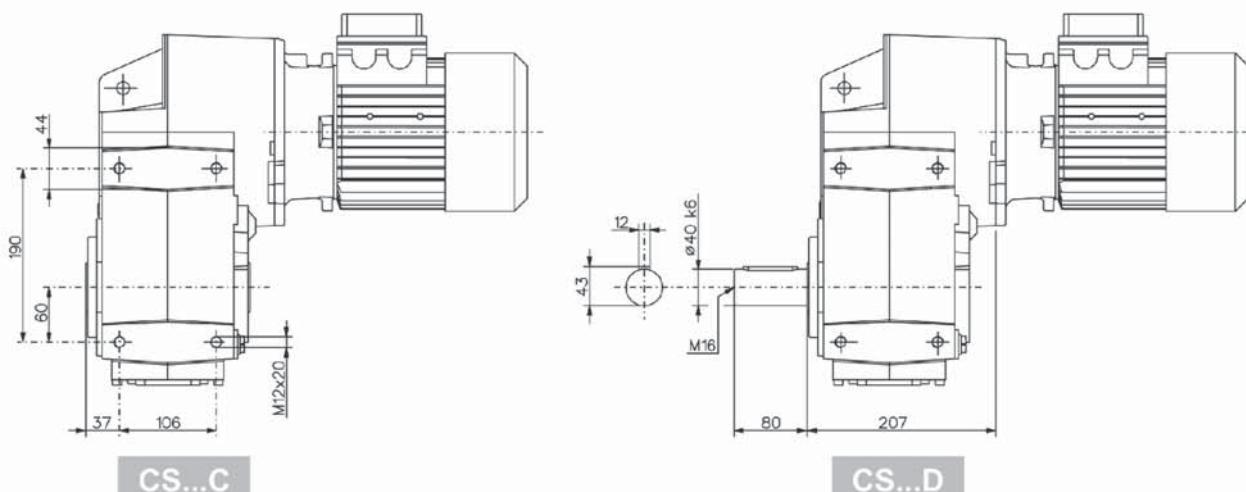
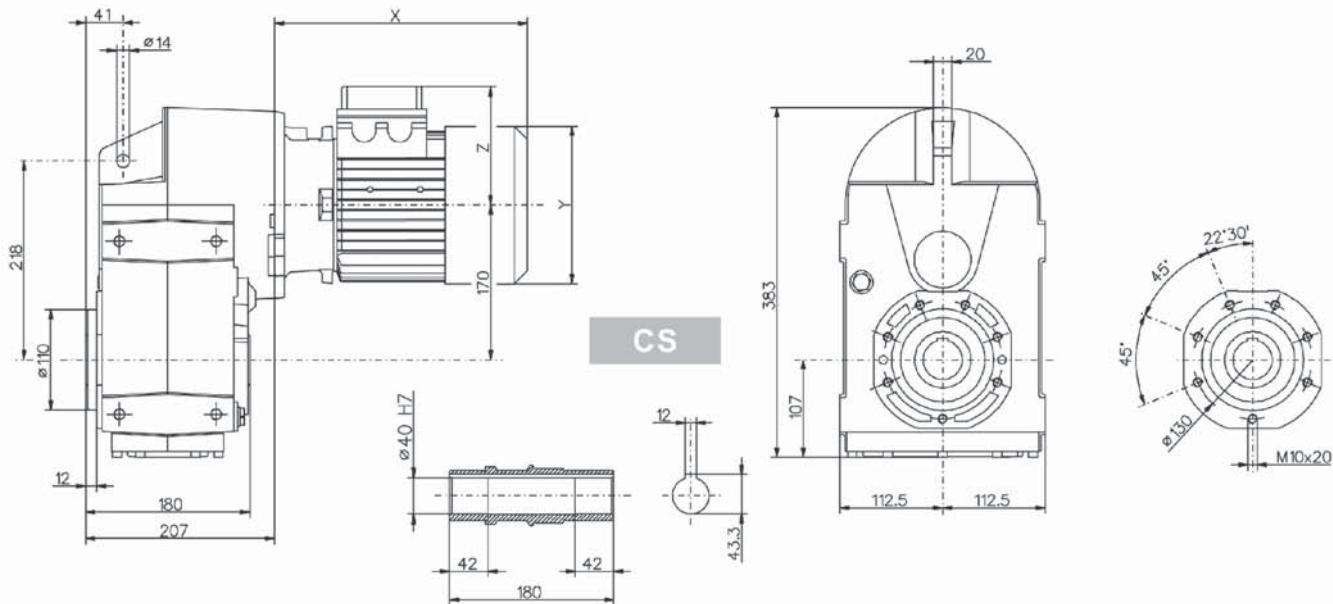

**062/..3 Dimensions / 尺寸圖**
**摩 托 迪 克**


| 060 | IS   | PAM |      |     | Standard motor / 標準馬達 |     |      |     | Brake motor / 剎車馬達 |     |      |     |
|-----|------|-----|------|-----|-----------------------|-----|------|-----|--------------------|-----|------|-----|
|     |      | ~Kg | A    | ~Kg | X                     | Y   | Z    | ~Kg | X                  | Y   | Z    | ~Kg |
| 71  |      | 69  | 22   | 241 | 139                   | 112 | 26   | 305 | 139                | 128 | 28.3 |     |
| 80  |      | 90  | 22.7 | 268 | 158                   | 122 | 30.8 | 341 | 158                | 137 | 34.3 |     |
| 90s | 24.8 | 90  | 22.7 | 296 | 173                   | 130 | 34.7 | 373 | 173                | 130 | 40.2 |     |
| 90l |      | 90  | 22.7 | 321 | 173                   | 130 | 36.7 | 398 | 173                | 130 | 42.2 |     |
| 100 |      | 105 | 27   | 333 | 191                   | 139 | 42.2 | 415 | 191                | 139 | 47.7 |     |
| 112 |      | 105 | 27   | 351 | 211                   | 154 | 53.7 | 448 | 211                | 154 | 63.4 |     |

For the dimensions concerning the motor connection area (Pm, Dm, bm, tm) please refer to the table shown at page A19.

關於馬達連結法蘭尺寸 (Pm,Dm,bm,tm) 請參考第A19頁。

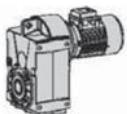



**082/..3 Dimensions / 尺寸圖**
**摩 托 迪 克**


| 080  | IS | PAM |      | Standard motor / 標準馬達 |     |     |      | Brake motor / 剎車馬達 |     |     |       |
|------|----|-----|------|-----------------------|-----|-----|------|--------------------|-----|-----|-------|
|      |    | -Kg | A    | -Kg                   | X   | Y   | Z    | -Kg                | X   | Y   | Z     |
| 71   | 39 | 49  | 32.9 | 221                   | 139 | 112 | 36.5 | 285                | 139 | 128 | 38.7  |
| 80   |    | 70  | 35   | 248                   | 158 | 122 | 41.6 | 321                | 158 | 137 | 45    |
| 90s  |    | 70  | 35   | 276                   | 173 | 130 | 44   | 353                | 173 | 130 | 49.5  |
| 90l  |    | 70  | 35   | 301                   | 173 | 130 | 45.5 | 378                | 173 | 130 | 51    |
| 100  |    | 85  | 37   | 335                   | 191 | 139 | 50.6 | 417                | 191 | 139 | 56    |
| 112  |    | 85  | 37   | 356                   | 211 | 154 | 62   | 453                | 211 | 154 | 71.7  |
| 132s |    | 110 | 39.7 | 396                   | 249 | 194 | 76   | 495                | 249 | 194 | 86.3  |
| 132m |    | 110 | 39.7 | 443                   | 249 | 194 | 87.6 | 547                | 249 | 194 | 102.3 |

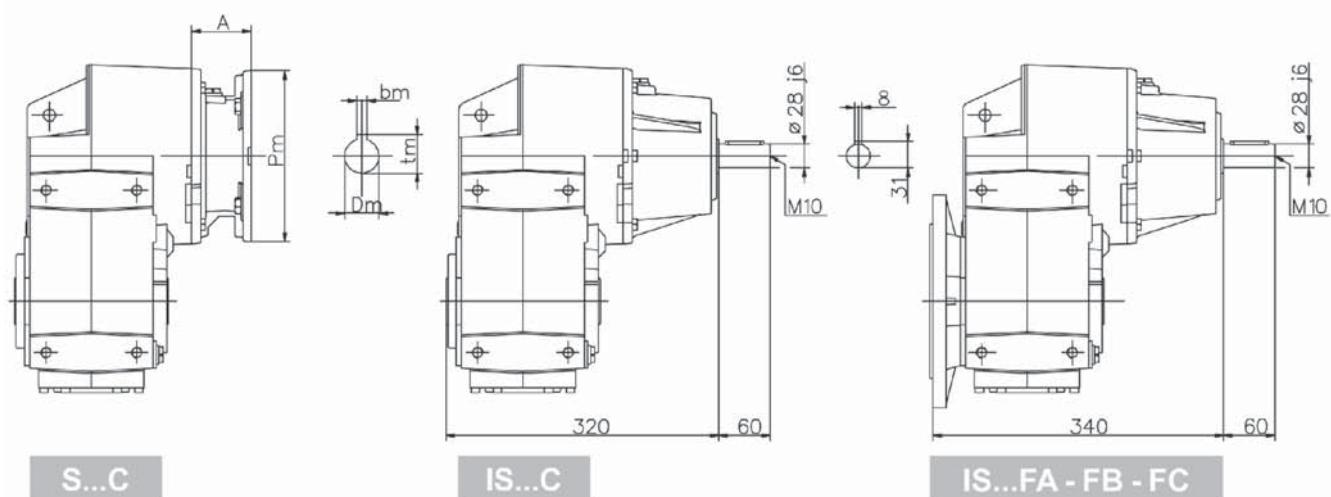
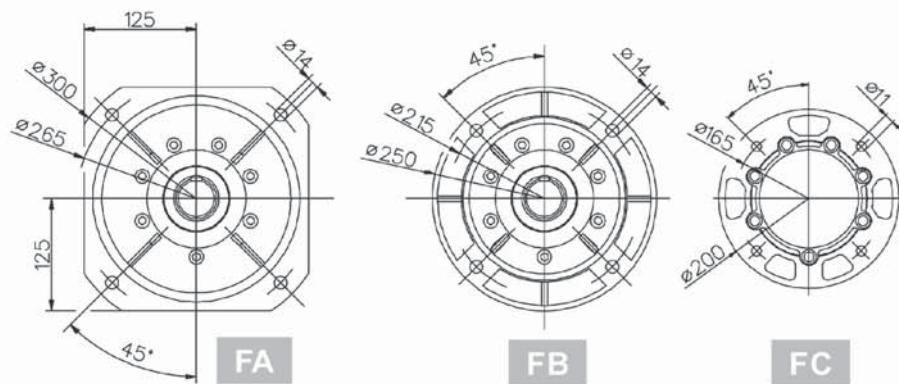
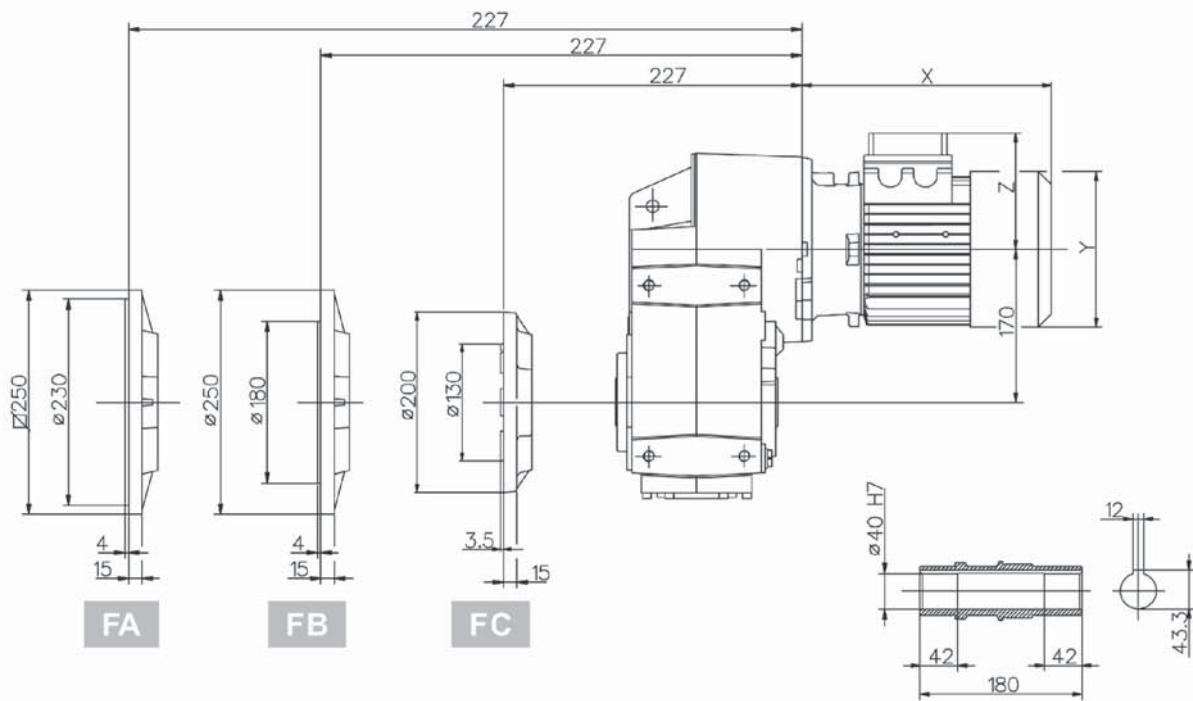
For the dimensions concerning the motor connection area (Pm, Dm, bm, tm) please refer to the table shown at page A19.

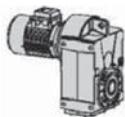
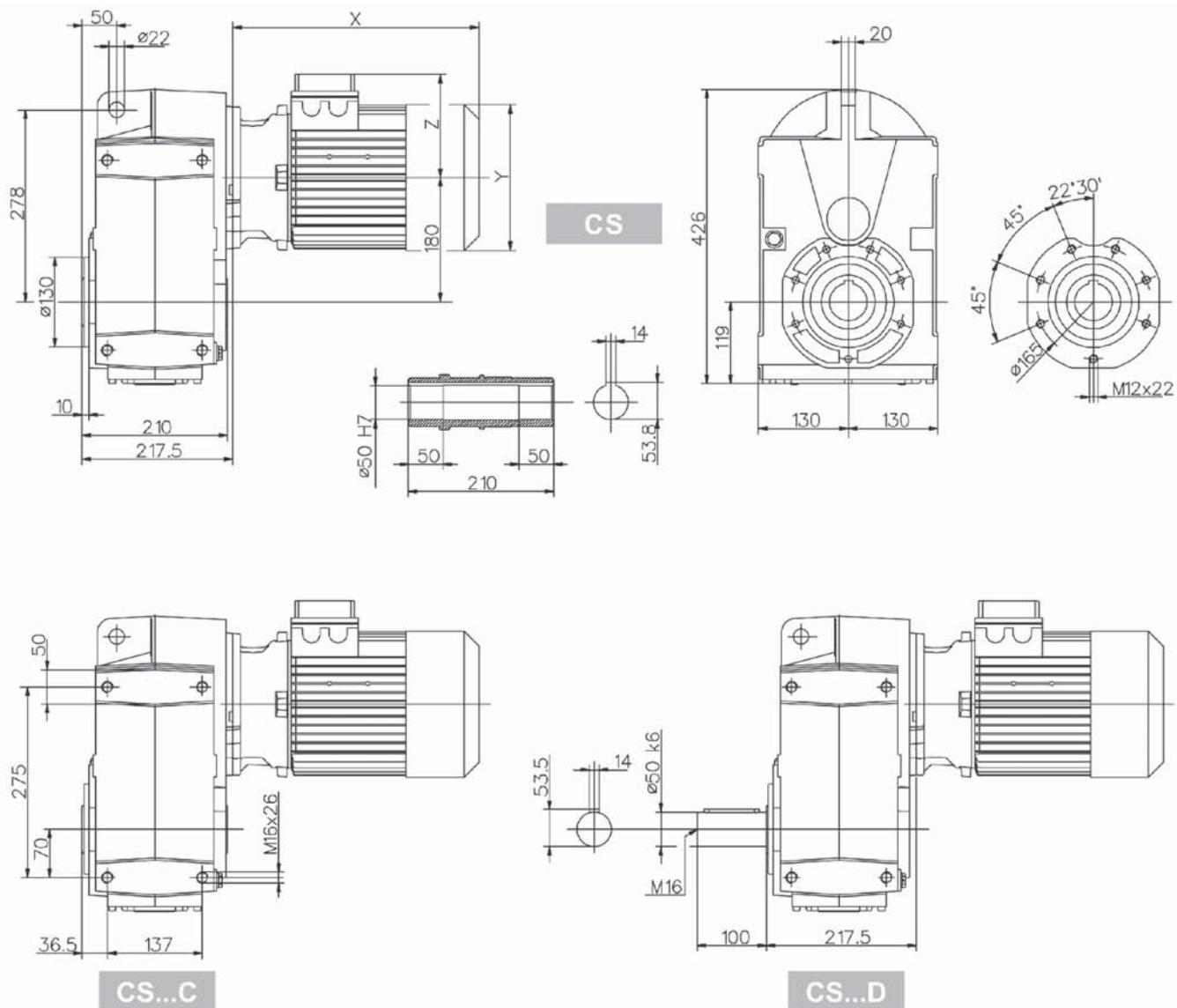
關於馬達連結法蘭尺寸 (Pm,Dm,bm,tm) 請參考第A19頁。



082/..3 Dimensions / 尺寸圖

摩 托 迪 克

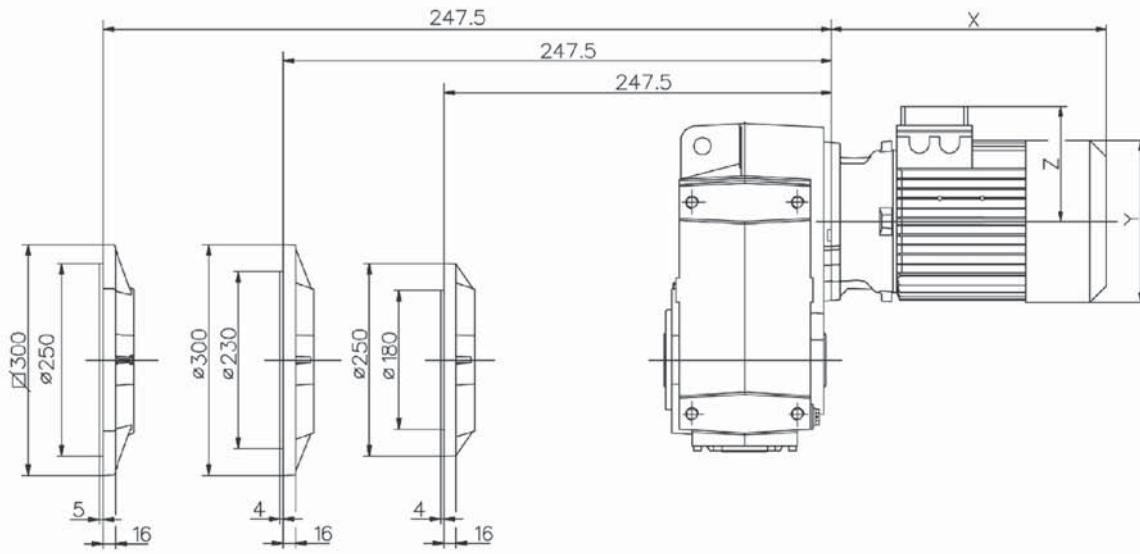
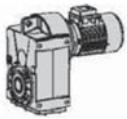



**102/..3 Dimensions / 尺寸圖**
**摩 托 迪 克**


| 100  | IS | PAM |      | Standard motor / 標準馬達 |     |     |      | Brake motor / 剎車馬達 |     |     |       |
|------|----|-----|------|-----------------------|-----|-----|------|--------------------|-----|-----|-------|
|      |    | ~Kg | A    | ~Kg                   | X   | Y   | Z    | ~Kg                | X   | Y   | Z     |
| 71   | 50 | 49  | 44   | 221                   | 139 | 112 | 47.5 | 285                | 139 | 128 | 49.7  |
| 80   |    | 70  | 46   | 248                   | 158 | 122 | 52.6 | 321                | 158 | 137 | 56    |
| 90s  |    | 70  | 46   | 276                   | 173 | 130 | 55   | 353                | 173 | 130 | 60.5  |
| 90l  |    | 70  | 46   | 301                   | 173 | 130 | 56.5 | 378                | 173 | 130 | 62    |
| 100  |    | 85  | 48   | 335                   | 191 | 139 | 61.6 | 417                | 191 | 139 | 67    |
| 112  |    | 85  | 48   | 356                   | 211 | 154 | 73   | 453                | 211 | 154 | 82.7  |
| 132s |    | 110 | 50.7 | 396                   | 249 | 194 | 87   | 495                | 249 | 194 | 97.3  |
| 132m |    | 110 | 50.7 | 443                   | 249 | 194 | 98.6 | 547                | 249 | 194 | 113.3 |
| 160s |    | 158 | 57.4 | 522                   | 310 | 244 | -    | -                  | -   | -   | -     |
| 160l |    | 158 | 57.4 | 566                   | 310 | 244 | -    | -                  | -   | -   | -     |

For the dimensions concerning the motor connection area (Pm, Dm, bm, tm) please refer to the table shown at page A19.

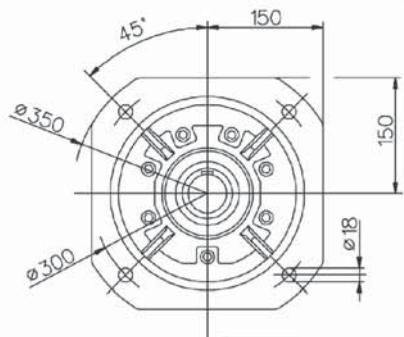
關於馬達連結法蘭尺寸 (Pm,Dm,bm,tm) 請參考第A19頁。



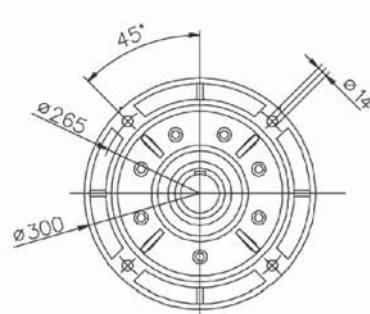
FA

FB

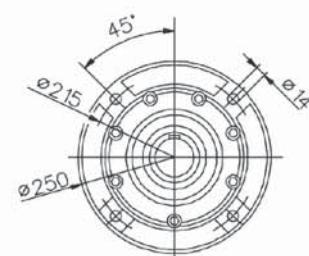
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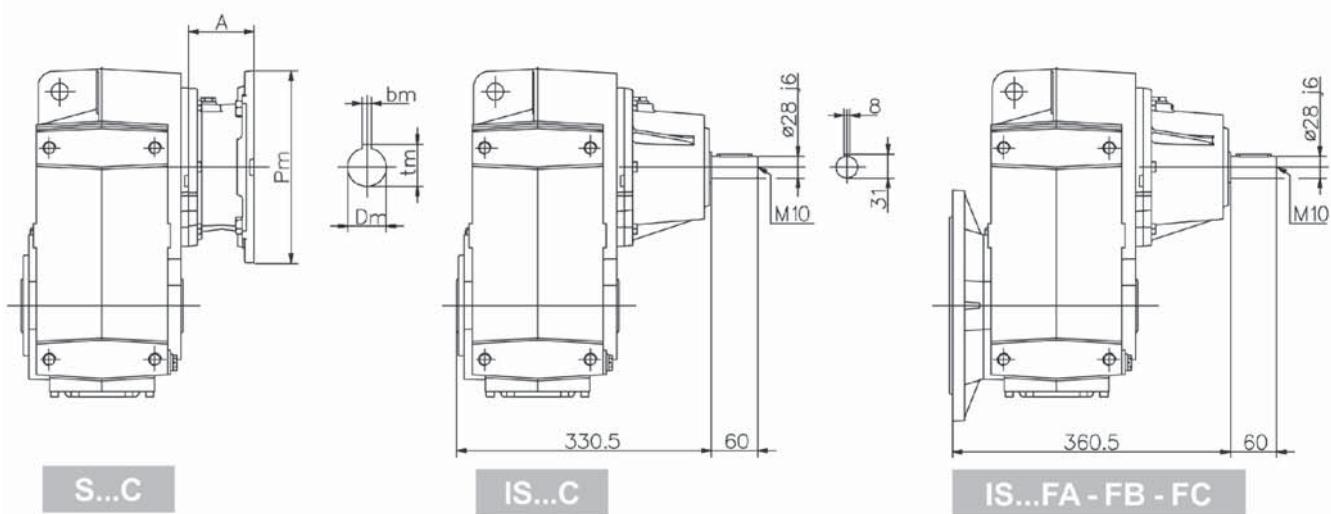
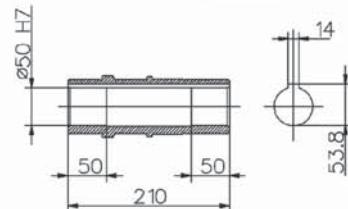
FA



FB



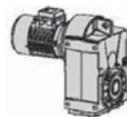
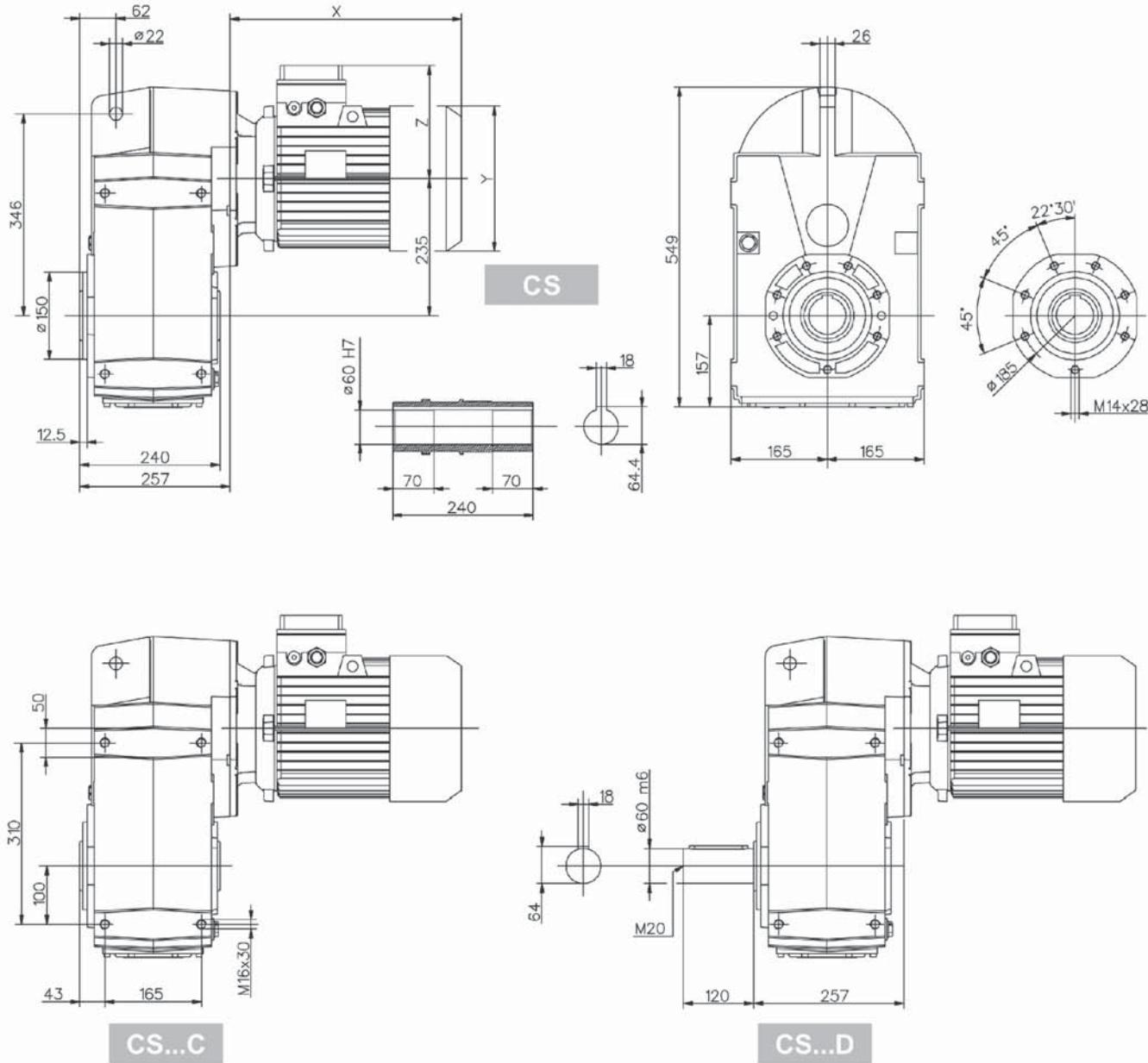
FC



S...C

IS...C

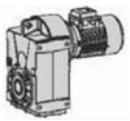
IS...FA - FB - FC


**122/..3 Dimensions / 尺寸圖**
**摩 托 迪 克**


| 125  | IS   | PAM |      |     | Standard motor / 標準馬達 |     |     |     | Brake motor / 剎車馬達 |     |       |  |
|------|------|-----|------|-----|-----------------------|-----|-----|-----|--------------------|-----|-------|--|
|      | ~Kg  | A   | ~Kg  | X   | Y                     | Z   | ~Kg | X   | Y                  | Z   | ~Kg   |  |
| 80   |      | 61  | 82   | -   | -                     | -   | -   | -   | -                  | -   | -     |  |
| 90s  |      | 61  | 82   | 267 | 173                   | 130 | 91  | 343 | 173                | 130 | 96.5  |  |
| 90l  |      | 61  | 82   | 292 | 173                   | 130 | 92  | 368 | 173                | 130 | 97.5  |  |
| 100  |      | 76  | 84.2 | 326 | 191                   | 139 | 98  | 407 | 191                | 139 | 103.5 |  |
| 112  |      | 76  | 84.2 | 347 | 211                   | 154 | 108 | 443 | 211                | 154 | 117.7 |  |
| 132s | 91.8 | 101 | 87   | 386 | 249                   | 194 | 123 | 485 | 249                | 194 | 133.3 |  |
| 132m |      | 101 | 87   | 434 | 249                   | 194 | 132 | 537 | 249                | 194 | 146.7 |  |
| 160s |      | 148 | 93   | 540 | 310                   | 244 | -   | -   | -                  | -   | -     |  |
| 160l |      | 148 | 93   | 584 | 310                   | 244 | -   | -   | -                  | -   | -     |  |
| 180  |      | 148 | 93   | 641 | 349                   | 260 | -   | -   | -                  | -   | -     |  |
| 200  |      | 185 | 108  | -   | -                     | -   | -   | -   | -                  | -   | -     |  |

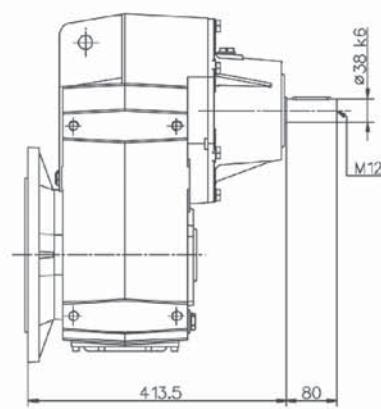
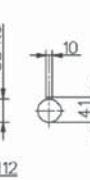
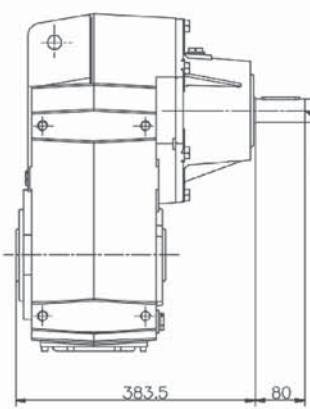
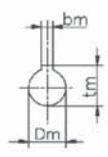
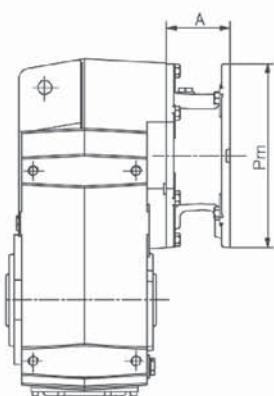
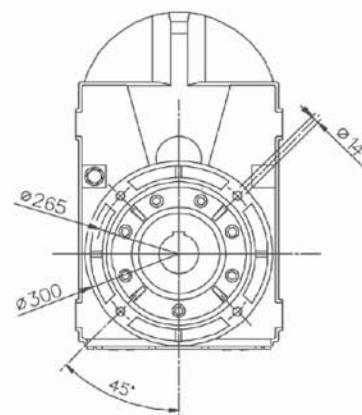
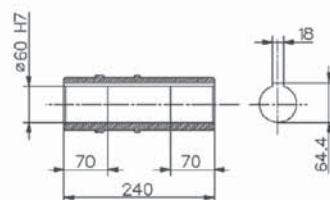
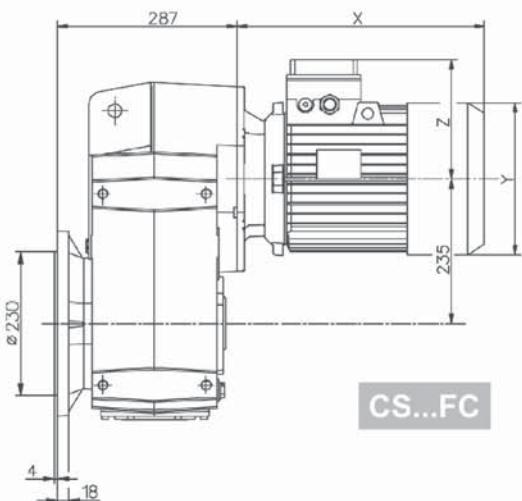
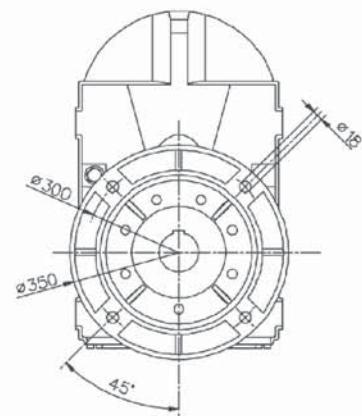
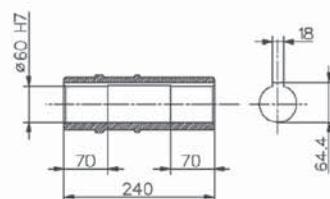
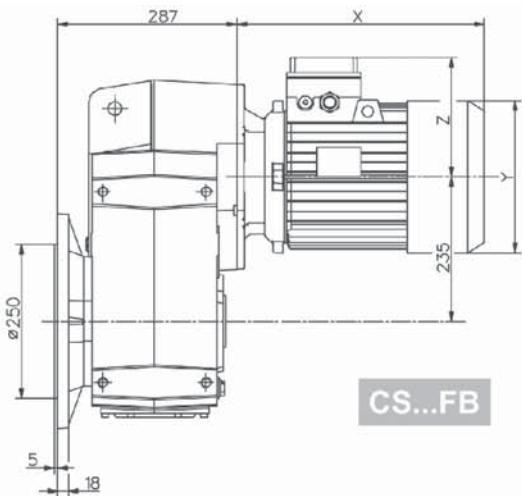
For the dimensions concerning the motor connection area (Pm, Dm, bm, tm) please refer to the table shown at page A19.

關於馬達連結法蘭尺寸 (Pm,Dm,bm,tm) 請參考第A19頁。



122/..3 Dimensions / 尺寸圖

摩 托 迪 克



S...C

IS...C

IS...FB - FC