

2022



# 齒輪減速機 GEAR MOTOR

直交軸  
RIGHT ANGLE  
平行軸  
PARALLEL



SK SGW



SLF



SLH



SNF



SV

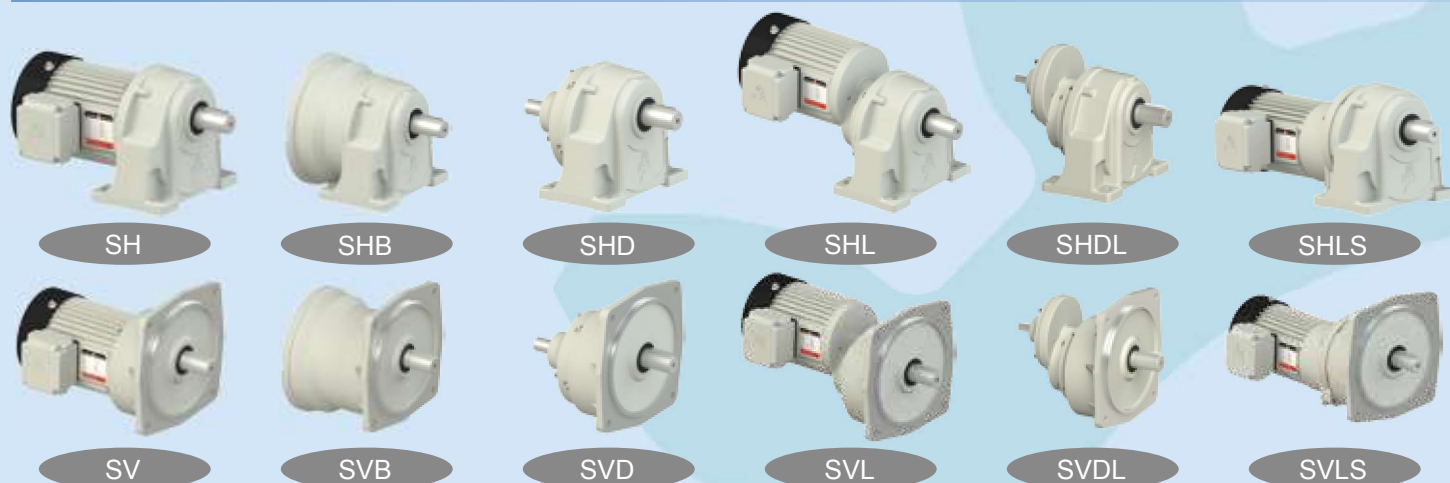


SH

<60W> 0.1kW ~ 2.2kW

# LIMING REDUCERS

## 小型齒輪減速機系列 SMALL GEAR REDUCER



## 小型戟齒輪減速機系列 SMALL HYPOID GEAR REDUCER



## 小型同心軸戟齒輪減速機系列 SMALL HYPOID GEAR REDUCER(Concentric Shaft)



註：另有實心軸系列 (SK-D)

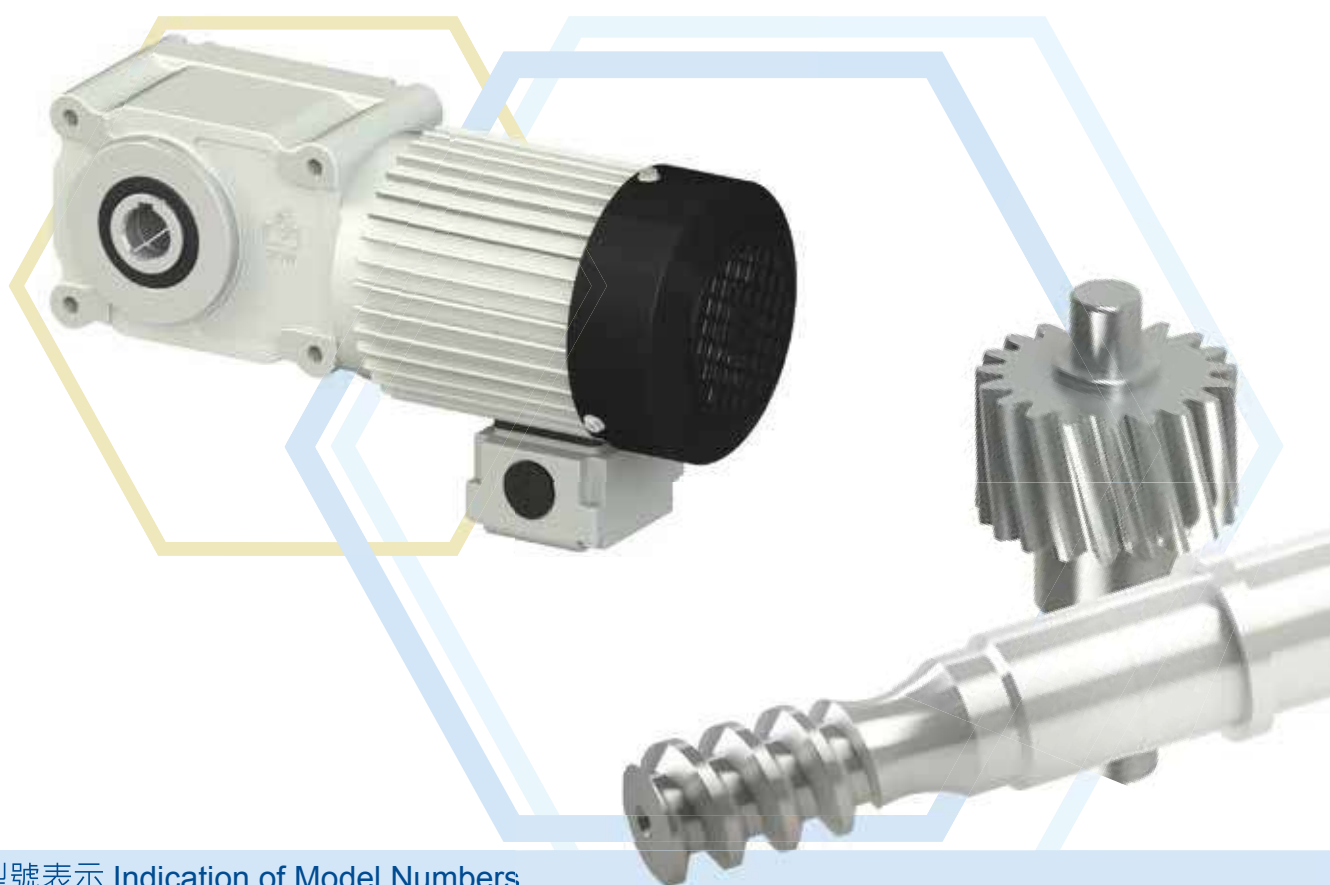
NOTE: There are also solid shaft series (SK-D)

## 小型蝸輪減速機系列 SMALL WORM REDUCER



# 同心軸齒蝸減速機

## Gear Worm Reducer (Concentric Shaft)



機種型號表示 Indication of Model Numbers

| SGW               | □                                                                                                                                                                                                        | 10                                              | O                                                                  | 1/8                                                                            | A                                                                                  | 1/5                                     |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------|
| 機型<br>Type<br>SGW | 機種<br>Type<br>□: 無<br>None<br>B: 自裝式<br>Motor-Driver<br>D: 雙軸式<br>Double-Axle<br>L: 多速比<br>High Reduction<br>BL: 多速比自裝式<br>High Reduction<br>Motor-Driver<br>DL: 多速比雙軸式<br>High Reduction<br>Double-Axle | 型號<br>Model<br>09<br>10<br>11<br>12<br>13<br>14 | 出力軸表示<br>Output<br>O: 中空軸<br>Hollow Shaft<br>D: 實心軸<br>Solid Shaft | 馬力<br>Horse Power<br>60W<br>1/8 HP<br>1/4 HP<br>1/2 HP<br>1 HP<br>2 HP<br>3 HP | 馬達<br>Motor<br>A: 三相 3-Phase<br>B: 剎車 Brake<br>C: 特殊 Special<br>S: 單相 Single Phase | 減速比<br>Ratio<br>1/80<br>~<br>1/300<br>※ |

※ 表中減速比以公稱速比，如需實際速比，請另告知。The reduction ratio in the table are nominal ratios. Please contact us if your need actual ratios.

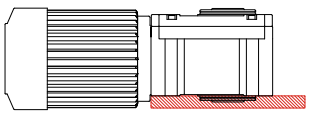
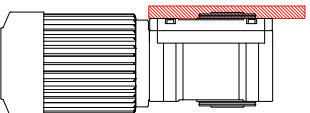
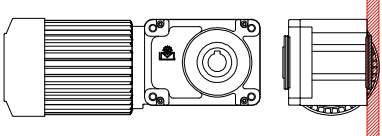
## ■ 產品樣式選擇 Selection Of Type

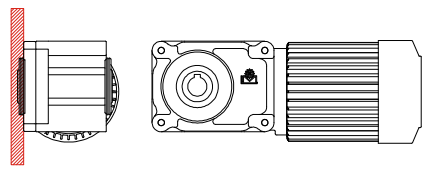
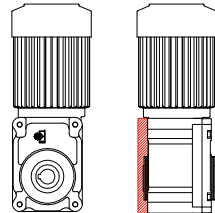
|                                                     | SGW □ - O                                                                                                    | SGW □ - D                                                                                                      |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <div>□</div> 標準型<br>Standard                        | 中空軸式<br>Solid Shaft<br><br> | 實心軸式<br>Hollow Shaft<br><br> |
| <div>B</div> 自裝式<br>Motor Driver                    | SGW-O<br><br>               | SGW-D<br><br>                 |
| <div>D</div> 雙軸式<br>Double Axle                     | SGWB-O<br><br>            | SGWB-D<br><br>              |
| <div>L</div> 多速比<br>High Reduction                  | SGWD-O<br><br>            | SGWD-D<br><br>             |
| <div>BL</div> 多速比自裝式<br>High Reduction Motor Driver | SGWL-O<br><br>            | SGWL-D<br><br>             |
| <div>DL</div> 多速比雙軸式<br>High Reduction Double Axle  | SGWBL-O<br><br>           | SGWBL-D<br><br>            |
|                                                     | SGWDL-O                                                                                                      | SGWDL-D                                                                                                        |

## ■ 減速機安裝方向 Reducer Installation Direction

### ■ MODEL : SGW

# SGW

| 代號<br>Code | 示意圖<br>Schematic Diagram                                                            |
|------------|-------------------------------------------------------------------------------------|
| F1         |    |
| F2         |    |
| F3         |  |

| 代號<br>Code | 示意圖<br>Schematic Diagram                                                            |
|------------|-------------------------------------------------------------------------------------|
| F4         |   |
| F5         |  |

## ■ 減速機線盒方向 Reducer Terminal Box Direction

| 代號<br>Code | 示意圖<br>Schematic Diagram                                                            |
|------------|-------------------------------------------------------------------------------------|
| 盒上<br>UP   |  |
| 盒左<br>LEFT |  |

| 代號<br>Code  | 示意圖<br>Schematic Diagram                                                              |
|-------------|---------------------------------------------------------------------------------------|
| 盒下<br>DOWN  |  |
| 盒右<br>RIGHT |  |

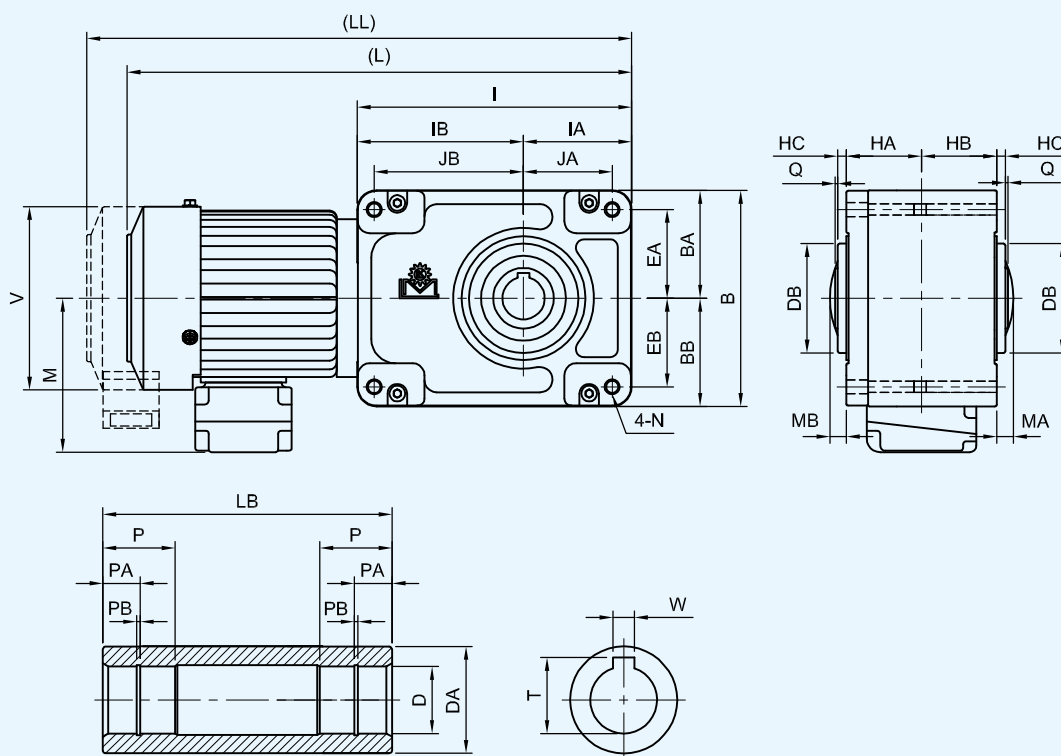


■ 同心軸齒蝸減速機

Gear Worm Reducer(Concentric Shaft)

■ MODEL : SGW-O

# SGW-O



出力孔  
OUTPUT BORE

# SMALL GEAR REDUCER SERIES

E



## Gear Worm

最大容許扭力 Max. Permissible Torque

| 型號 Model No.   | 09 | 10 | 11 | 12 | 13 | 14  |
|----------------|----|----|----|----|----|-----|
| 扭力 Torque kg-m | 5  | 10 | 20 | 40 | 75 | 110 |

unit: mm

| 馬力 Horse Power | 型號 Model | 減速比 Ratio  | JA  | JB  | I   | IA  | IB  | EA  | EB  | B   | BA  | BB  |
|----------------|----------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 60W            | 09       | 1/10~1/290 | 38  | 70  | 128 | 48  | 80  | 38  | 38  | 96  | 48  | 48  |
| 1/8HP (0.1kW)  | 09       | 1/10~1/175 | 38  | 70  | 128 | 48  | 80  | 38  | 38  | 96  | 48  | 48  |
|                | 10       | 1/20~1/240 | 47  | 88  | 159 | 59  | 100 | 47  | 47  | 118 | 59  | 59  |
| 1/4HP (0.2kW)  | 10       | 1/20~1/240 | 47  | 88  | 159 | 59  | 100 | 47  | 47  | 118 | 59  | 59  |
|                | 11       | 1/20~1/290 | 58  | 106 | 187 | 70  | 117 | 58  | 58  | 140 | 70  | 70  |
| 1/2HP (0.4kW)  | 11       | 1/20~1/170 | 58  | 106 | 187 | 70  | 117 | 58  | 58  | 140 | 70  | 70  |
|                | 12       | 1/20~1/300 | 73  | 123 | 226 | 89  | 137 | 73  | 73  | 178 | 89  | 89  |
| 1HP (0.75kW)   | 12       | 1/20~1/180 | 73  | 123 | 226 | 89  | 137 | 73  | 73  | 178 | 89  | 89  |
|                | 13       | 1/10~1/310 | 88  | 150 | 278 | 108 | 170 | 88  | 88  | 216 | 108 | 108 |
| 2HP (1.5kW)    | 13       | 1/10~1/185 | 88  | 150 | 278 | 108 | 170 | 88  | 88  | 216 | 108 | 108 |
|                | 14       | 1/10~1/200 | 105 | 182 | 337 | 130 | 207 | 105 | 105 | 260 | 130 | 130 |
| 3HP (2.2kW)    | 14       | 1/10~1/160 | 105 | 182 | 337 | 130 | 207 | 105 | 105 | 260 | 130 | 130 |

unit: mm

| 馬力 Horse Power | 型號 Model | 減速比 Ratio  | HA   | HB   | HC | Q | V   | M   | L   | LL  | MA   | MB   | N   |
|----------------|----------|------------|------|------|----|---|-----|-----|-----|-----|------|------|-----|
| 60W            | 09       | 1/10~1/290 | 46.5 | 33.5 | 6  | 2 | 123 | 108 | 315 | 330 | 28   | 15   | M8  |
| 1/8HP (0.1kW)  | 09       | 1/10~1/175 | 46.5 | 33.5 | 6  | 2 | 123 | 108 | 315 | 330 | 28   | 15   | M8  |
|                | 10       | 1/20~1/240 | 50   | 50   | 7  | 2 | 137 | 115 | 340 | 360 | 18.5 | 18.5 | M10 |
| 1/4HP (0.2kW)  | 10       | 1/20~1/240 | 50   | 50   | 7  | 2 | 137 | 115 | 340 | 360 | 18.5 | 18.5 | M10 |
|                | 11       | 1/20~1/290 | 59   | 47   | 7  | 2 | 137 | 115 | 385 | 405 | 21.5 | 9.5  | M10 |
| 1/2HP (0.4kW)  | 11       | 1/20~1/170 | 59   | 47   | 7  | 2 | 137 | 115 | 400 | 420 | 21.5 | 9.5  | M10 |
|                | 12       | 1/20~1/300 | 69   | 55   | 7  | 2 | 151 | 121 | 430 | 435 | 20.5 | 6.5  | M12 |
| 1HP (0.75kW)   | 12       | 1/20~1/180 | 69   | 55   | 7  | 2 | 151 | 121 | 455 | 460 | 20.5 | 6.5  | M12 |
|                | 13       | 1/10~1/310 | 85   | 65   | 7  | 2 | 163 | 131 | 505 | 515 | 16.5 | -    | M16 |
| 2HP (1.5kW)    | 13       | 1/10~1/185 | 85   | 65   | 7  | 2 | 163 | 131 | 525 | 535 | 16.5 | -    | M16 |
|                | 14       | 1/10~1/200 | 101  | 80   | 10 | 2 | 181 | 138 | 605 | 620 | 10.5 | -    | M20 |
| 3HP (2.2kW)    | 14       | 1/10~1/160 | 101  | 80   | 10 | 2 | 181 | 138 | 645 | 660 | 10.5 | -    | M20 |

unit: mm

| 馬力 Horse Power | 型號 Model | 減速比 Ratio  | 出力孔 Output Bore |    |     |    |      |    |    |      |     | 重量 Weight (KG) |
|----------------|----------|------------|-----------------|----|-----|----|------|----|----|------|-----|----------------|
|                |          |            | D               | DA | DB  | W  | T    | P  | PA | PB   | LB  |                |
| 60W            | 09       | 1/10~1/290 | 20              | 30 | 70  | 6  | 22.8 | 25 | 13 | 1.15 | 96  |                |
| 1/8HP (0.1kW)  | 09       | 1/10~1/175 | 20              | 30 | 70  | 6  | 22.8 | 25 | 13 | 1.15 | 96  |                |
|                | 10       | 1/20~1/240 | 25              | 40 | 90  | 8  | 28.3 | 30 | 14 | 1.35 | 118 |                |
| 1/4HP (0.2kW)  | 10       | 1/20~1/240 | 25              | 40 | 90  | 8  | 28.3 | 30 | 14 | 1.35 | 118 |                |
|                | 11       | 1/20~1/290 | 30              | 45 | 90  | 8  | 33.3 | 35 | 17 | 1.35 | 124 |                |
| 1/2HP (0.4kW)  | 11       | 1/20~1/170 | 30              | 45 | 90  | 8  | 33.3 | 35 | 17 | 1.35 | 124 |                |
|                | 12       | 1/20~1/300 | 35              | 50 | 90  | 10 | 38.3 | 40 | 20 | 1.75 | 142 |                |
| 1HP (0.75kW)   | 12       | 1/20~1/180 | 35              | 50 | 90  | 10 | 38.3 | 40 | 20 | 1.75 | 142 |                |
|                | 13       | 1/10~1/310 | 45              | 65 | 100 | 14 | 48.8 | 50 | 26 | 1.95 | 168 |                |
| 2HP (1.5kW)    | 13       | 1/10~1/185 | 45              | 65 | 100 | 14 | 48.8 | 50 | 26 | 1.95 | 168 |                |
|                | 14       | 1/10~1/200 | 55              | 80 | 140 | 16 | 59.3 | 60 | 32 | 2.2  | 205 |                |
| 3HP (2.2kW)    | 14       | 1/10~1/160 | 55              | 80 | 140 | 16 | 59.3 | 60 | 32 | 2.2  | 205 |                |

注:

- 表中 () 內數字系表示輕荷重使用。
- 表中重量以配合三相 4P 馬達為主, 其它單相、剎車、直流、特殊等馬達重量另訂。
- 表中 L 內數字以三相馬達為主, 其它特殊馬達另訂。
- 如需特殊馬達規格, 請洽本司業務。
- 以上數值若有變更, 恕不另行通知。

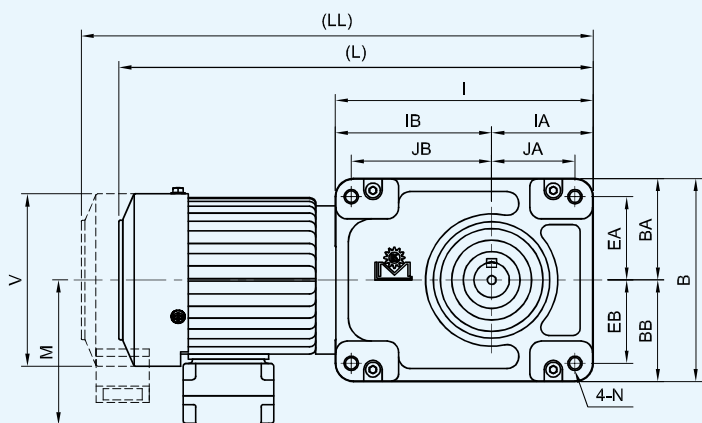
NOTE:

- Values shown in paranthesis () are used for light loading.
- Weights shown in the above chart are based on 3-phase 4P motors, weights for single phase, brake, DC, or special motor shall be referred to specific values.
- Values shown in 'L' column are based on 3-phase motor, other special motor Refer to specific motor refet to specific values.
- For special motor specifications, please contact our business.
- Above specifications are subject to change without prior notice.

■ 同心軸齒蝸減速機  
Gear Worm Reducer(Concentric Shaft)

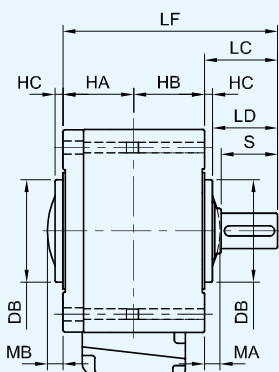
■ MODEL : SGW-D

# SGW-D

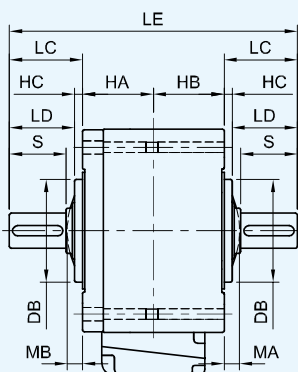


| 出力軸螺絲孔<br>Output Shaft Screw Hole |                              |
|-----------------------------------|------------------------------|
| 型號<br>Model                       | 螺絲規格<br>Screw Specifications |
| 09                                | M6                           |
| 10                                | M6                           |
| 11                                | M8                           |
| 12                                | M10                          |
| 13                                | M12                          |
| 14                                | M16                          |

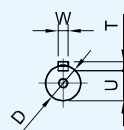
注：SGW 系列通用。  
NOTE: Common for SGW series.



單軸  
SINGLE SHAFT



雙軸  
DOUBLE SHAFT



出力軸  
OUTPUT SHAFT



# SMALL GEAR REDUCER SERIES

E



## Gear Worm

最大容許扭力 Max. Permissible Torque

| 型號 Model No.   | 09 | 10 | 11 | 12 | 13 | 14  |
|----------------|----|----|----|----|----|-----|
| 扭力 Torque kg-m | 5  | 10 | 20 | 40 | 75 | 110 |

unit: mm

| 馬力 Horse Power | 型號 Model | 減速比 Ratio  | JA  | JB  | I   | IA  | IB  | EA  | EB  | B   | BA  | BB  |
|----------------|----------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 60W            | 09       | 1/10~1/290 | 38  | 70  | 128 | 48  | 80  | 38  | 38  | 96  | 48  | 48  |
| 1/8HP (0.1kW)  | 09       | 1/10~1/175 | 38  | 70  | 128 | 48  | 80  | 38  | 38  | 96  | 48  | 48  |
|                | 10       | 1/20~1/240 | 47  | 88  | 159 | 59  | 100 | 47  | 47  | 118 | 59  | 59  |
| 1/4HP (0.2kW)  | 10       | 1/20~1/240 | 47  | 88  | 159 | 59  | 100 | 47  | 47  | 118 | 59  | 59  |
|                | 11       | 1/20~1/290 | 58  | 106 | 187 | 70  | 117 | 58  | 58  | 140 | 70  | 70  |
| 1/2HP (0.4kW)  | 11       | 1/20~1/170 | 58  | 106 | 187 | 70  | 117 | 58  | 58  | 140 | 70  | 70  |
|                | 12       | 1/20~1/300 | 73  | 123 | 226 | 89  | 137 | 73  | 73  | 178 | 89  | 89  |
| 1HP (0.75kW)   | 12       | 1/20~1/180 | 73  | 123 | 226 | 89  | 137 | 73  | 73  | 178 | 89  | 89  |
|                | 13       | 1/10~1/310 | 88  | 150 | 278 | 108 | 170 | 88  | 88  | 216 | 108 | 108 |
| 2HP (1.5kW)    | 13       | 1/10~1/185 | 88  | 150 | 278 | 108 | 170 | 88  | 88  | 216 | 108 | 108 |
|                | 14       | 1/10~1/200 | 105 | 182 | 337 | 130 | 207 | 105 | 105 | 260 | 130 | 130 |
| 3HP (2.2kW)    | 14       | 1/10~1/160 | 105 | 182 | 337 | 130 | 207 | 105 | 105 | 260 | 130 | 130 |

unit: mm

| 馬力 Horse Power | 型號 Model | 減速比 Ratio  | HA   | HB   | HC | V   | M   | L   | LL  | MA   | MB   | N   |
|----------------|----------|------------|------|------|----|-----|-----|-----|-----|------|------|-----|
| 60W            | 09       | 1/10~1/290 | 46.5 | 33.5 | 6  | 123 | 108 | 315 | 330 | 28   | 15   | M8  |
| 1/8HP (0.1kW)  | 09       | 1/10~1/175 | 46.5 | 33.5 | 6  | 123 | 108 | 315 | 330 | 28   | 15   | M8  |
|                | 10       | 1/20~1/240 | 50   | 50   | 7  | 137 | 115 | 340 | 360 | 18.5 | 18.5 | M10 |
| 1/4HP (0.2kW)  | 10       | 1/20~1/240 | 50   | 50   | 7  | 137 | 115 | 340 | 360 | 18.5 | 18.5 | M10 |
|                | 11       | 1/20~1/290 | 59   | 47   | 7  | 137 | 115 | 385 | 405 | 21.5 | 9.5  | M10 |
| 1/2HP (0.4kW)  | 11       | 1/20~1/170 | 59   | 47   | 7  | 137 | 115 | 400 | 420 | 21.5 | 9.5  | M10 |
|                | 12       | 1/20~1/300 | 69   | 55   | 7  | 151 | 121 | 430 | 435 | 20.5 | 6.5  | M12 |
| 1HP (0.75kW)   | 12       | 1/20~1/180 | 69   | 55   | 7  | 151 | 121 | 455 | 460 | 20.5 | 6.5  | M12 |
|                | 13       | 1/10~1/310 | 85   | 65   | 7  | 163 | 131 | 505 | 515 | 16.5 | -    | M16 |
| 2HP (1.5kW)    | 13       | 1/10~1/185 | 85   | 65   | 7  | 163 | 131 | 525 | 535 | 16.5 | -    | M16 |
|                | 14       | 1/10~1/200 | 101  | 80   | 10 | 181 | 138 | 605 | 620 | 10.5 | -    | M20 |
| 3HP (2.2kW)    | 14       | 1/10~1/160 | 101  | 80   | 10 | 181 | 138 | 645 | 660 | 10.5 | -    | M20 |

unit: mm

| 馬力 Horse Power | 型號 Model | 減速比 Ratio  | 出力軸 Output Shaft |     |    |    |   |      |    |    |     |     | 重量 Weight (KG) |
|----------------|----------|------------|------------------|-----|----|----|---|------|----|----|-----|-----|----------------|
|                |          |            | D                | DB  | S  | W  | T | U    | LC | LD | LE  | LF  |                |
| 60W            | 09       | 1/10~1/290 | 18               | 70  | 30 | 6  | 6 | 14.5 | 41 | 35 | 162 | 121 |                |
| 1/8HP (0.1kW)  | 09       | 1/10~1/175 | 18               | 70  | 30 | 6  | 6 | 14.5 | 41 | 35 | 162 | 121 |                |
|                | 10       | 1/20~1/240 | 22               | 90  | 40 | 6  | 6 | 18.5 | 54 | 47 | 208 | 154 |                |
| 1/4HP (0.2kW)  | 10       | 1/20~1/240 | 22               | 90  | 40 | 6  | 6 | 18.5 | 54 | 47 | 208 | 154 |                |
|                | 11       | 1/20~1/290 | 28               | 90  | 45 | 8  | 7 | 24   | 59 | 52 | 224 | 165 |                |
| 1/2HP (0.4kW)  | 11       | 1/20~1/170 | 28               | 90  | 45 | 8  | 7 | 24   | 59 | 52 | 224 | 165 |                |
|                | 12       | 1/20~1/300 | 32               | 90  | 55 | 10 | 8 | 27   | 69 | 62 | 262 | 193 |                |
| 1HP (0.75kW)   | 12       | 1/20~1/180 | 32               | 90  | 55 | 10 | 8 | 27   | 69 | 62 | 262 | 193 |                |
|                | 13       | 1/10~1/310 | 40               | 100 | 65 | 12 | 8 | 35   | 79 | 72 | 308 | 229 |                |
| 2HP (1.5kW)    | 13       | 1/10~1/185 | 40               | 100 | 65 | 12 | 8 | 35   | 79 | 72 | 308 | 229 |                |
|                | 14       | 1/10~1/200 | 50               | 140 | 75 | 14 | 9 | 44.5 | 92 | 82 | 365 | 273 |                |
| 3HP (2.2kW)    | 14       | 1/10~1/160 | 50               | 140 | 75 | 14 | 9 | 44.5 | 92 | 82 | 365 | 273 |                |

注:

- 表中 ( ) 內數字系表示輕荷重使用。
- 表中重量以配合三相 4P 馬達為主，其它單相、剎車、直流、特殊等馬達重量另訂。
- 表中 L 內數字以三相馬達為主，其它特殊馬達另訂。
- 如需特殊馬達規格，請洽本公司業務。
- 以上數值若有變更，恕不另行通知。

NOTE:

- Values shown in paranthesis ( ) are used for light loading.
- Weights shown in the above chart are based on 3-phase 4P motors, weights for single phase, brake, DC, or special motor shall be referred to specific values.
- Values shown in 'L' column are based on 3-phase motor, other special motor Refer to specific motor refet to specific values.
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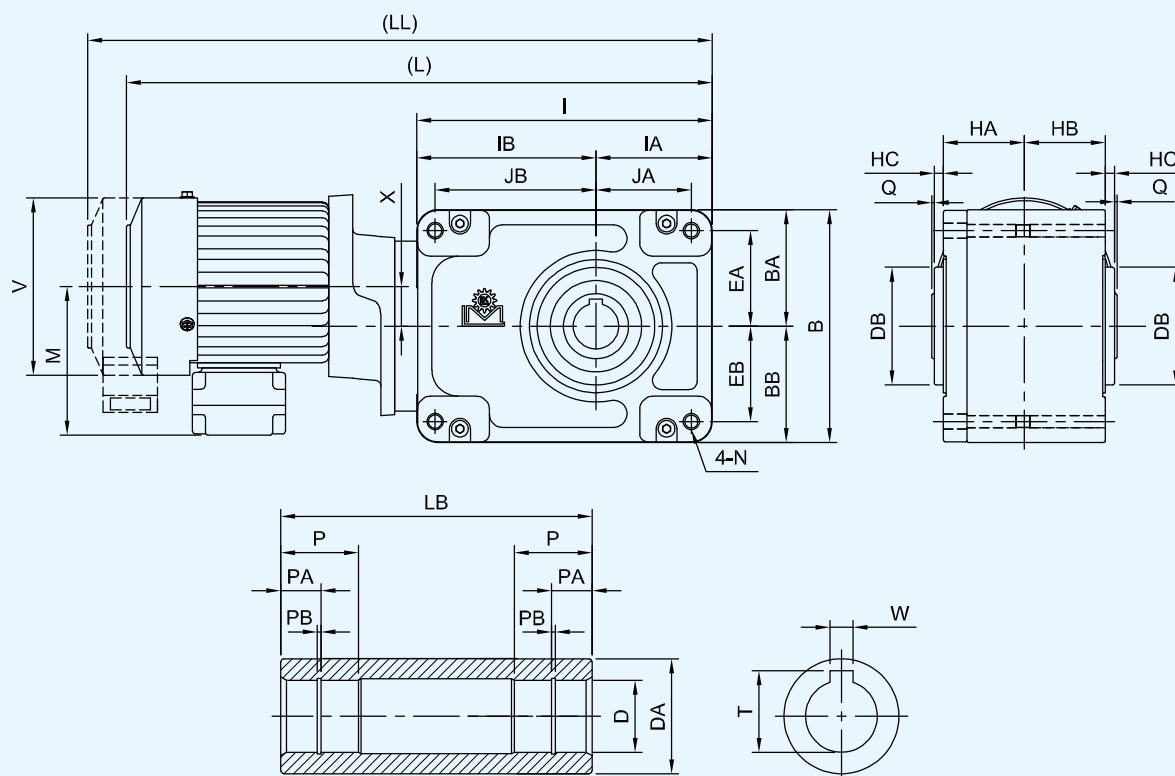


## ■ 同心軸多速比齒蝸減速機

High Reduction Gear Worm Reducer(Concentric Shaft)

## ■ MODEL : SGWL-O

# SGWL-O



出力孔  
OUTPUT BORE



## Gear Worm

最大容許扭力 Max. Permissible Torque

| 型號 Model No.   | 10 | 11 | 12 | 13 | 14  |
|----------------|----|----|----|----|-----|
| 扭力 Torque kg-m | 10 | 20 | 40 | 75 | 110 |

unit: mm

| 馬力 Horse Power | 型號 Model | 減速比 Ratio    | JA  | JB  | I   | IA  | IB  | EA  | EB  | B   | BA  | BB  |
|----------------|----------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1/8HP (0.1kW)  | 10       | 1/800~1/2400 | 47  | 88  | 159 | 59  | 100 | 47  | 47  | 118 | 59  | 59  |
|                | 11       | 1/800~1/2900 | 58  | 106 | 187 | 70  | 117 | 58  | 58  | 140 | 70  | 70  |
| 1/4HP (0.2kW)  | 12       | 1/800~1/3000 | 73  | 123 | 226 | 89  | 137 | 73  | 73  | 178 | 89  | 89  |
| 1/2HP (0.4kW)  | 13       | 1/550~1/3100 | 88  | 150 | 278 | 108 | 170 | 88  | 88  | 216 | 108 | 108 |
| 1HP (0.75kW)   | 14       | 1/400~1/2000 | 105 | 182 | 337 | 130 | 207 | 105 | 105 | 260 | 130 | 130 |

unit: mm

| 馬力 Horse Power | 型號 Model | 減速比 Ratio    | HA  | HB | HC | Q | X    | V   | M   | L   | LL  | N   |
|----------------|----------|--------------|-----|----|----|---|------|-----|-----|-----|-----|-----|
| 1/8HP (0.1kW)  | 10       | 1/800~1/2400 | 50  | 50 | 7  | 2 | 17.5 | 137 | 115 | 385 | 400 | M10 |
|                | 11       | 1/800~1/2900 | 59  | 47 | 7  | 2 | 15.5 | 137 | 115 | 410 | 430 | M10 |
| 1/4HP (0.2kW)  | 12       | 1/800~1/3000 | 69  | 55 | 7  | 2 | 22.5 | 137 | 115 | 480 | 500 | M12 |
| 1/2HP (0.4kW)  | 13       | 1/550~1/3100 | 85  | 65 | 7  | 2 | 25.5 | 151 | 121 | 550 | 555 | M16 |
| 1HP (0.75kW)   | 14       | 1/400~1/2000 | 101 | 80 | 10 | 2 | 27   | 163 | 128 | 650 | 660 | M20 |

unit: mm

| 馬力<br>Horse Power | 型號<br>Model | 減速比<br>Ratio | 出力孔 Output Bore |    |     |    |      |    |    |      |     | 重量<br>Weight (KG) |
|-------------------|-------------|--------------|-----------------|----|-----|----|------|----|----|------|-----|-------------------|
|                   |             |              | D               | DA | DB  | W  | T    | P  | PA | PB   | LB  |                   |
| 1/8HP (0.1kW)     | 10          | 1/800~1/2400 | 25              | 40 | 90  | 8  | 28.3 | 30 | 14 | 1.35 | 118 |                   |
|                   | 11          | 1/800~1/2900 | 30              | 45 | 90  | 8  | 33.3 | 35 | 17 | 1.35 | 124 |                   |
| 1/4HP (0.2kW)     | 12          | 1/800~1/3000 | 35              | 50 | 90  | 10 | 38.3 | 40 | 20 | 1.75 | 142 |                   |
| 1/2HP (0.4kW)     | 13          | 1/550~1/3100 | 45              | 65 | 100 | 14 | 48.8 | 50 | 26 | 1.95 | 168 |                   |
| 1HP (0.75kW)      | 14          | 1/400~1/2000 | 55              | 80 | 140 | 16 | 59.3 | 60 | 32 | 2.2  | 205 |                   |

注:

- 表中 ( ) 內數字系表示輕荷重使用。
- 表中重量以配合三相 4P 馬達為主，其它單相、剎車、直流、特殊等馬達重量另訂。
- 表中 L 內數字以三相馬達為主，其它特殊馬達另訂。
- 如需特殊馬達規格，請洽本公司業務。
- 以上數值若有變更，恕不另行通知。

NOTE:

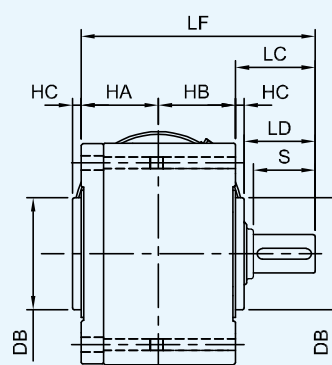
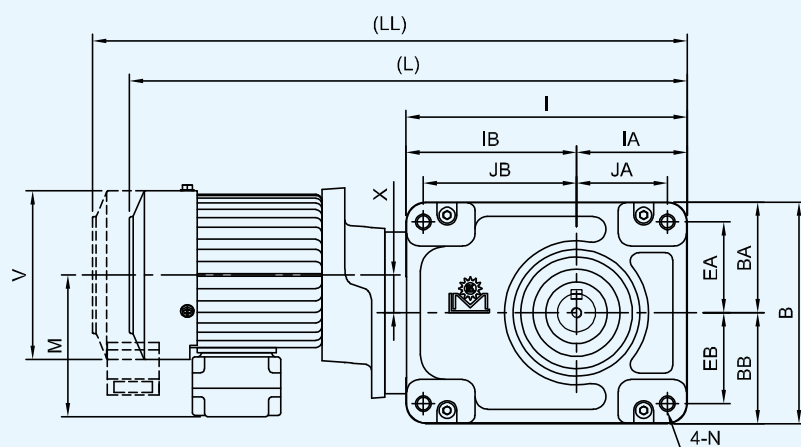
- Values shown in paranthesis ( ) are used for light loading.
- Weights shown in the above chart are based on 3-phase 4P motors, weights for single phase, brake, DC, or special motor shall be referred to specific values.
- Values shown in 'L' column are based on 3-phase motor, other special motor Refer to specific motor refer to specific values.
- For special motor specifications, please contact our business.
- Above specifications are subject to change without prior notice.

## ■ 同心軸多速比齒蝸減速機

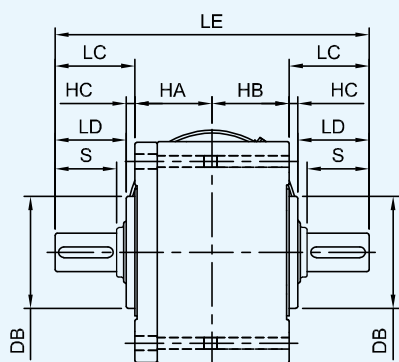
High Reduction Gear Worm Reducer(Concentric Shaft)

## ■ MODEL : SGWL-D

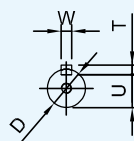
# SGWL -D



單軸  
SINGLE SHAFT



雙軸  
DOUBLE SHAFT



出力軸  
OUTPUT SHAFT



## Gear Worm

| 最大容許扭力 Max. Permissible Torque |    |    |    |    |     |
|--------------------------------|----|----|----|----|-----|
| 型號 Model No.                   | 10 | 11 | 12 | 13 | 14  |
| 扭力 Torque kg-m                 | 10 | 20 | 40 | 75 | 110 |

unit: mm

| 馬力 Horse Power | 型號 Model | 減速比 Ratio    | JA  | JB  | I   | IA  | IB  | EA  | EB  | B   | BA  | BB  |
|----------------|----------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1/8HP (0.1kW)  | 10       | 1/800~1/2400 | 47  | 88  | 159 | 59  | 100 | 47  | 47  | 118 | 59  | 59  |
|                | 11       | 1/800~1/2900 | 58  | 106 | 187 | 70  | 117 | 58  | 58  | 140 | 70  | 70  |
| 1/4HP (0.2kW)  | 12       | 1/800~1/3000 | 73  | 123 | 226 | 89  | 137 | 73  | 73  | 178 | 89  | 89  |
| 1/2HP (0.4kW)  | 13       | 1/550~1/3100 | 88  | 150 | 278 | 108 | 170 | 88  | 88  | 216 | 108 | 108 |
| 1HP (0.75kW)   | 14       | 1/400~1/2000 | 105 | 182 | 337 | 130 | 207 | 105 | 105 | 260 | 130 | 130 |

unit: mm

| 馬力 Horse Power | 型號 Model | 減速比 Ratio    | HA  | HB | HC | X    | V   | M   | L   | LL  | N   |
|----------------|----------|--------------|-----|----|----|------|-----|-----|-----|-----|-----|
| 1/8HP (0.1kW)  | 10       | 1/800~1/2400 | 50  | 50 | 7  | 17.5 | 137 | 115 | 385 | 400 | M10 |
|                | 11       | 1/800~1/2900 | 59  | 47 | 7  | 15.5 | 137 | 115 | 410 | 430 | M10 |
| 1/4HP (0.2kW)  | 12       | 1/800~1/3000 | 69  | 55 | 7  | 22.5 | 137 | 115 | 480 | 500 | M12 |
| 1/2HP (0.4kW)  | 13       | 1/550~1/3100 | 85  | 65 | 7  | 25.5 | 151 | 121 | 550 | 555 | M16 |
| 1HP (0.75kW)   | 14       | 1/400~1/2000 | 101 | 80 | 10 | 27   | 163 | 128 | 650 | 660 | M20 |

unit: mm

| 馬力 Horse Power | 型號 Model | 減速比 Ratio    | 出力軸 Output Shaft |     |    |    |   |      |    |    |     |     | 重量 Weight (KG) |
|----------------|----------|--------------|------------------|-----|----|----|---|------|----|----|-----|-----|----------------|
|                |          |              | D                | DB  | S  | W  | T | U    | LC | LD | LE  | LF  |                |
| 1/8HP (0.1kW)  | 10       | 1/800~1/2400 | 22               | 90  | 40 | 6  | 6 | 18.5 | 54 | 47 | 208 | 154 |                |
|                | 11       | 1/800~1/2900 | 28               | 90  | 45 | 8  | 7 | 24   | 59 | 52 | 224 | 165 |                |
| 1/4HP (0.2kW)  | 12       | 1/800~1/3000 | 32               | 90  | 55 | 10 | 8 | 27   | 69 | 62 | 262 | 193 |                |
| 1/2HP (0.4kW)  | 13       | 1/550~1/3100 | 40               | 100 | 65 | 12 | 8 | 35   | 79 | 72 | 308 | 229 |                |
| 1HP (0.75kW)   | 14       | 1/400~1/2000 | 50               | 140 | 75 | 14 | 9 | 44.5 | 92 | 82 | 365 | 273 |                |

注:

- 表中 ( ) 內數字系表示輕荷重使用。
- 表中重量以配合三相 4P 馬達為主，其它單相、剎車、直流、特殊等馬達重量另訂。
- 表中 L 內數字以三相馬達為主，其它特殊馬達另訂。
- 如需特殊馬達規格，請洽本司業務。
- 以上數值若有變更，恕不另行通知。

NOTE:

- Values shown in paranthesis ( ) are used for light loading.
- Weights shown in the above chart are based on 3-phase 4P motors, weights for single phase, brake, DC, or special motor shall be referred to specific values.
- Values shown in 'L' column are based on 3-phase motor, other special motor Refer to specific motor refer to specific values.
- For special motor specifications, please contact our business.
- Above specifications are subject to change without prior notice.