

- 同心軸馬達自裝式齒蝸減速機  
Motor-Driver Gear Worm Reducer(Concentric Shaft)
- MODEL : SGWB-O

# SGWB-O



## 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    | V   | O   | Z   | M | C   | D'  | W' | T' |      |
| 入力孔<br>Input Bore | 1/8 | 160 | 110 | 5 | M8  | 130 | 11 | 4  | 12.8 |
|                   | 1/4 | 160 | 110 | 5 | M8  | 130 | 11 | 4  | 12.8 |
|                   | 1/2 | 160 | 110 | 5 | M8  | 130 | 14 | 5  | 16.3 |
|                   | 1   | 200 | 130 | 5 | M10 | 165 | 19 | 6  | 21.8 |
|                   | 2   | 200 | 130 | 5 | M10 | 165 | 24 | 8  | 27.3 |
|                   | 3   | 250 | 180 | 5 | M12 | 215 | 28 | 8  | 31.3 |

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

| 馬力 Horse Power | 型號 Model | 減速比 Ratio  | BB  | HA   | HB   | HC | Q | L   | MA   | MB   | N   |
|----------------|----------|------------|-----|------|------|----|---|-----|------|------|-----|
| 1/8HP (0.1kW)  | 09       | 1/10~1/175 | 48  | 46.5 | 33.5 | 6  | 2 | 184 | 46.5 | 33.5 | M8  |
|                | 10       | 1/20~1/240 | 59  | 50   | 50   | 7  | 2 | 226 | 30   | 30   | M10 |
| 1/4HP (0.2kW)  | 10       | 1/20~1/240 | 59  | 50   | 50   | 7  | 2 | 226 | 30   | 30   | M10 |
|                | 11       | 1/20~1/290 | 70  | 59   | 47   | 7  | 2 | 254 | 33   | 21   | M10 |
| 1/2HP (0.4kW)  | 11       | 1/20~1/170 | 70  | 59   | 47   | 7  | 2 | 254 | 33   | 21   | M10 |
|                | 12       | 1/20~1/300 | 89  | 69   | 55   | 7  | 2 | 295 | 25   | 11   | M12 |
| 1HP (0.75kW)   | 12       | 1/20~1/180 | 89  | 69   | 55   | 7  | 2 | 309 | 45   | 31   | M12 |
|                | 13       | 1/10~1/310 | 108 | 85   | 65   | 7  | 2 | 366 | 35   | 15   | M16 |
| 2HP (1.5kW)    | 13       | 1/10~1/185 | 108 | 85   | 65   | 7  | 2 | 376 | 35   | 15   | M16 |
|                | 14       | 1/10~1/200 | 130 | 101  | 80   | 10 | 2 | 439 | 20   | -    | M20 |
| 3HP (2.2kW)    | 14       | 1/10~1/160 | 130 | 101  | 80   | 10 | 2 | 448 | 45   | 24   | M20 |

| 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  |                |
| 1/8HP (0.1kW)  | 09       | 1/10~1/175 | 20              | 30 | 70  | 6  | 22.8 | 25 | 13 | 1.15 | 96  | 5              |
|                | 10       | 1/20~1/240 | 25              | 40 | 90  | 8  | 28.3 | 30 | 14 | 1.35 | 118 | 8              |
| 1/4HP (0.2kW)  | 10       | 1/20~1/240 | 25              | 40 | 90  | 8  | 28.3 | 30 | 14 | 1.35 | 118 | 8              |
|                | 11       | 1/20~1/290 | 30              | 45 | 90  | 8  | 33.3 | 35 | 17 | 1.35 | 124 | 10             |
| 1/2HP (0.4kW)  | 11       | 1/20~1/170 | 30              | 45 | 90  | 8  | 33.3 | 35 | 17 | 1.35 | 124 | 10             |
|                | 12       | 1/20~1/300 | 35              | 50 | 90  | 10 | 38.3 | 40 | 20 | 1.75 | 142 | 15             |
| 1HP (0.75kW)   | 12       | 1/20~1/180 | 35              | 50 | 90  | 10 | 38.3 | 40 | 20 | 1.75 | 142 | 15             |
|                | 13       | 1/10~1/310 | 45              | 65 | 100 | 14 | 48.8 | 50 | 26 | 1.95 | 168 | 27             |
| 2HP (1.5kW)    | 13       | 1/10~1/185 | 45              | 65 | 100 | 14 | 48.8 | 50 | 26 | 1.95 | 168 | 27             |
|                | 14       | 1/10~1/200 | 55              | 80 | 140 | 16 | 59.3 | 60 | 32 | 2.2  | 205 | 44             |
| 3HP (2.2kW)    | 14       | 1/10~1/160 | 55              | 80 | 140 | 16 | 59.3 | 60 | 32 | 2.2  | 205 | 45             |

