

# Industrial Tools



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HONG BING PNEUMATIC INDUSTRY CO., LTD.





Established in Shan-Kang Dist., Taichung City in 1974, originally named "Hong-Bing Iron Works Company", focus on OEM for hand tool accessory. Start manufacturing air tool in 1979. Hong Bing Pneumatic Industry Co., Ltd was founded in 1987 as professional air tools manufacture factory.

HONG BING has been approved by ISO 9001(SGS) and CE (TUV). HONG BING has gathered many years experience of R&D and Q.C., while engaging in innovative and stabilizing quality. On production facility, we use automatic and semi-automatic CNC, and strictly manufacturing key spare parts. It will increase the good rate and accurate.

HONG BING is your best choice for industrial applications of pneumatic tools.

1974年始創於台中市神岡區，原名「宏斌鐵工廠」初期專精於手工具零件代工製造。  
1979年投入氣動工具製造，於1987年創立「宏斌氣動工業股份有限公司」專業生產氣動工具。

宏斌已通過 ISO 9001(SGS)、CE (TÜV) 認證。在研發設計與品管作業，累積多年來的經驗，積極創新產品與穩定產品品質。在生產設備方面，採用全自動與半自動化設備加工，嚴格製造關鍵性零組件，有效提升產品良率及精準度。

宏斌對於氣動力學的工具與工業設備都會是您在工業應用領域中最佳的選擇。

## CONVERSION CHART / 單位換算表

### • LENGTH / 長度

1in=0.02554 m  
1ft=12 in

1 m =  $\begin{cases} 39.3701 \text{ in} \\ 3.28084 \text{ ft} \end{cases}$

### • WEIGHT / 重量

1lb=0.453592 kg  
1kg=2.20462 ft

### • TORQUE / 扭力

1kgm=9.80665 Nm  
1lbf=1.35582 Nm  
1ft-lbs=0.138 kg-m

1Nm =  $\begin{cases} 0.101972 \text{ kgm} \\ 0.7375562 \text{ lbf x ft} \end{cases}$

### • PRESSURE / 壓力

1bar=100 kPa  
1kg/cm<sup>2</sup>(at)=98.0665 kPa  
1psi=6.89476 kPa

1kPa =  $\begin{cases} 0.01\text{bar} \\ 0.0101972 \text{ kg/cm}^2 \text{ (at)} \\ 0.145038 \text{ psi} \end{cases}$

### • POWER / 功率

1kpm/s=9.80665 w  
1kcal/s=4.1868 kw  
1kcal/h=1.163 w  
1hk=735.499 w  
1hp=745.7 w

1kw =  $\begin{cases} 101.972 \text{ kpm/cm}^2 \text{ (at)} \\ 0.238846 \text{ kcal/s} \\ 859.845 \text{ kcal/h} \\ 1.35962 \text{ hk} \\ 1.34102 \text{ hp} \end{cases}$

### • FLOW / 流率

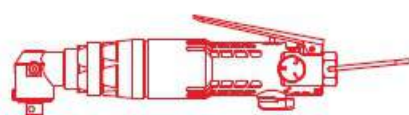
1m<sup>3</sup>/min=16.6667 L/s=35.335 cfm  
1cfm=0.471947 L/s=0.0283 m<sup>3</sup>/min 1L/s=201189cfm  
1m<sup>3</sup>/min=0.277778 L/s



# Air Screwdriver and Air Wrench Selection Guide

氣動螺絲起子與  
氣動扳手選用建議

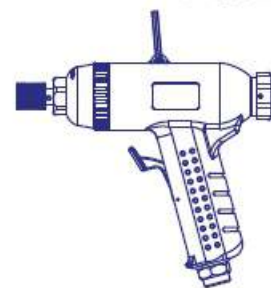
ANGLE 彎頭型



STRAIGHT 直柄型



PISTOL 手槍型



## IMPACT SCREWDRIVER 衝擊型螺絲起子

|              |  |  |  |  |        |        |        |        |
|--------------|--|--|--|--|--------|--------|--------|--------|
| MODEL<br>型 號 |  |  |  |  | 301L90 | 301A1  | 311LHA | 100A1  |
|              |  |  |  |  | 320    | 301AH  | 310LHA | 308DA1 |
|              |  |  |  |  | 403LN  | 808A1  | 306    | 310DA  |
|              |  |  |  |  |        | 301LA1 | 310Q   | 330DQ  |
|              |  |  |  |  |        | 601A   | 328Q   | 100LA1 |
|              |  |  |  |  |        |        | 809A1  | 310LDA |
|              |  |  |  |  |        |        | 306SL  | 409WA1 |
|              |  |  |  |  |        |        | 310LQ  | 605DA  |
|              |  |  |  |  |        |        | 328LQ  | 606DQ  |
|              |  |  |  |  |        |        | 406LN  | 906DAQ |

## CLUTCH TYPE SCREWDRIVER 離合型螺絲起子

|              |  |  |  |  |        |        |        |  |
|--------------|--|--|--|--|--------|--------|--------|--|
| MODEL<br>型 號 |  |  |  |  | 103    | 302L90 | 103G   |  |
|              |  |  |  |  | 304A1  | 302    | 301LCG |  |
|              |  |  |  |  | 304B1  | 5C1419 | 2C8425 |  |
|              |  |  |  |  | 314A1  | 5C1515 |        |  |
|              |  |  |  |  | 5C1218 | 405LN  |        |  |
|              |  |  |  |  | 301LC  | 5C5415 |        |  |
|              |  |  |  |  | 404LN  |        |        |  |
|              |  |  |  |  |        |        |        |  |
|              |  |  |  |  |        |        |        |  |
|              |  |  |  |  |        |        |        |  |

## TORQUE CONTROL SCREWDRIVER 扭力控制型螺絲起子

|                    |        |        |     |         |         |         |        |     |
|--------------------|--------|--------|-----|---------|---------|---------|--------|-----|
| MODEL<br>型 號       | 106A   | 106B   |     | 2S2110  | 5SLA15  | 5SLA08  | 5SLA03 |     |
|                    | 1S0625 | 1S0607 |     | 5S1515C | 2S3215  | 5S5108A | 2S4304 |     |
|                    |        |        |     | 5S5115C | 5S1508B | 5S1508A | 5S5103 |     |
|                    |        |        |     |         | 5S1515B | 2S3208  |        |     |
|                    |        |        |     |         | 5S5108B | 2S4307  |        |     |
|                    |        |        |     |         | 5S5115B |         |        |     |
| SCREW SIZE<br>螺絲尺寸 | 2mm    | 2.5mm  | 3mm | 3.5mm   | 4mm     | 5mm     | 6mm    | 8mm |

## IMPACT WRENCH 衝擊型扳手

|                   |         |        |        |        |      |        |       |      |       |       |       |       |
|-------------------|---------|--------|--------|--------|------|--------|-------|------|-------|-------|-------|-------|
| MODEL<br>型 號      | 301LB90 | 301B3  | 311LH3 | 308DW  | 100B | 130LH4 | 130B  | 603D | 936D2 | 912D2 | 913D2 | 914D2 |
|                   |         | 301LB3 | 310LH3 | 310DB4 |      | 100LB  | 131LB | 908D |       |       | 915DA |       |
|                   |         | 403LB3 | 306B   | 330D4  |      | 906D4  |       | 909D |       |       |       |       |
|                   |         |        | 310B3  | 310LD4 |      | 606D4  |       |      |       |       |       |       |
|                   |         |        | 328B3  | 409WHA |      |        |       |      |       |       |       |       |
|                   |         |        | 809B1  | 310LB3 |      |        |       |      |       |       |       |       |
|                   |         |        | 306SL1 | 328LB3 |      |        |       |      |       |       |       |       |
|                   |         |        |        | 406LB  |      |        |       |      |       |       |       |       |
|                   |         |        |        | 605D4  |      |        |       |      |       |       |       |       |
|                   |         |        |        |        |      |        |       |      |       |       |       |       |
| BOLT SIZE<br>螺栓尺寸 | M6      | M8     | M10    | M12    | M14  | M16    | M18   | M20  | M22   | M24   | M27   | M30   |
| NUT SIZE<br>螺帽尺寸  | 10mm    | 13mm   | 17mm   | 19mm   | 22mm | 24mm   | 27mm  | 30mm | 32mm  | 36mm  | 41mm  | 46mm  |



## Air Sander

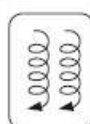
氣動磨砂機



2.5mm Orbit Diameter  
精拋型



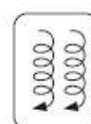
OP-SD417G



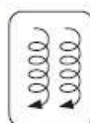
OP-SD417GL



OP-SD417H



OP-SD317



OP-SD901N2 2"  
OP-SD901N3 3"



OP-SD908 3"



### SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm<sup>2</sup>)

| MODEL<br>型 號 | Pad Size<br>尺 寸 | Free<br>Speed<br>無負荷轉速 | Air<br>Consumption<br>耗 氣 量 |     | Net<br>Weight<br>重 量 |      | Hose Size<br>風管尺寸 |      | Orbit Diameter<br>偏擺直徑 |
|--------------|-----------------|------------------------|-----------------------------|-----|----------------------|------|-------------------|------|------------------------|
|              | mm              | rpm                    | l/min                       | cfm | kg                   | lb   | mm                | inch | mm                     |
| OP-SD417G    | 100x110         | 10,000                 | 254                         | 9.0 | 0.89                 | 1.96 | 6.35              | 1/4  | 2.5                    |
| OP-SD417GL   | 100x180         | 10,000                 | 254                         | 9.0 | 0.97                 | 2.13 | 6.35              | 1/4  | 2.5                    |
| OP-SD417H    | 100x75          | 10,000                 | 254                         | 9.0 | 0.84                 | 1.85 | 6.35              | 1/4  | 2.5                    |
| OP-SD317     | 100x75          | 10,000                 | 268                         | 9.5 | 0.83                 | 1.83 | 6.35              | 1/4  | 2.5                    |
| OP-SD901N2   | 2(inch)         | 16,000                 | 283                         | 10  | 0.75                 | 1.65 | 6.35              | 1/4  | 2.5                    |
| OP-SD901N3   | 3(inch)         | 16,000                 | 283                         | 10  | 0.75                 | 1.65 | 6.35              | 1/4  | 2.5                    |
| OP-SD908     | 3(inch)         | 4,500                  | 226                         | 8   | 0.86                 | 1.89 | 6.35              | 1/4  | x                      |



## Air Sander

### 氣動磨砂機



**OP-SD715 5"**  
**OP-SD71525 5"**



**OP-SD715C 5"**  
**OP-SD71525C 5"**  
Central Vacuum  
中央集塵



**OP-SD715S 5"**  
**OP-SD71525S 5"**  
Self-Generated Vacuum  
自吸式



**OP-SD716 6"**  
**OP-SD71625 6"**



**OP-SD716C 6"**  
**OP-SD71625C 6"**  
Central Vacuum  
中央集塵



**OP-SD716S 6"**  
**OP-SD71625S 6"**  
Self-Generated Vacuum  
自吸式



**OP-SD713 3"**



**OP-SD915 5"**  
**OP-SD91525 5"**



10mm Orbit Diameter  
粗磨型



5mm Orbit Diameter  
中細磨型



2.5mm Orbit Diameter  
精拋型

### SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm<sup>2</sup>)

| MODEL<br>型號 | Pad Size<br>尺寸 | Free<br>Speed<br>無負荷轉速 | Air<br>Consumption<br>耗氣量 |     | Net<br>Weight<br>重量 |      | Hose Size<br>風管尺寸 |      | Orbit Diameter<br>偏擺直徑 |
|-------------|----------------|------------------------|---------------------------|-----|---------------------|------|-------------------|------|------------------------|
|             | inch           |                        | l/min                     | cfm | kg                  | lb   | mm                | inch |                        |
| OP-SD715    | 5              | 10000                  | 254                       | 9.0 | 0.89                | 1.96 | 6.35              | 1/4  | 5                      |
| OP-SD71525  | 5              | 10000                  | 254                       | 9.0 | 0.89                | 1.96 | 6.35              | 1/4  | 2.5                    |
| OP-SD715C   | 5              | 10000                  | 254                       | 9.0 | 0.95                | 2.09 | 6.35              | 1/4  | 5                      |
| OP-SD71525C | 5              | 10000                  | 254                       | 9.0 | 0.95                | 2.09 | 6.35              | 1/4  | 2.5                    |
| OP-SD715S   | 5              | 10000                  | 254                       | 9.0 | 0.91                | 2    | 6.35              | 1/4  | 5                      |
| OP-SD71525S | 5              | 10000                  | 254                       | 9.0 | 0.91                | 2    | 6.35              | 1/4  | 2.5                    |
| OP-SD716    | 6              | 10000                  | 254                       | 9.0 | 0.91                | 2    | 6.35              | 1/4  | 5                      |
| OP-SD71625  | 6              | 10000                  | 254                       | 9.0 | 0.91                | 2    | 6.35              | 1/4  | 2.5                    |
| OP-SD716C   | 6              | 10000                  | 254                       | 9.0 | 0.98                | 2.16 | 6.35              | 1/4  | 5                      |
| OP-SD71625C | 6              | 10000                  | 254                       | 9.0 | 0.98                | 2.16 | 6.35              | 1/4  | 2.5                    |
| OP-SD716S   | 6              | 10000                  | 254                       | 9.0 | 0.93                | 2.05 | 6.35              | 1/4  | 5                      |
| OP-SD71625S | 6              | 10000                  | 254                       | 9.0 | 0.93                | 2.05 | 6.35              | 1/4  | 2.5                    |
| OP-SD713    | 3              | 10000                  | 268                       | 9.5 | 0.79                | 1.74 | 6.35              | 1/4  | 2.5                    |
| OP-SD915    | 5              | 10000                  | 240                       | 8.5 | 1                   | 2.2  | 6.35              | 1/4  | 5                      |
| OP-SD91525  | 5              | 10000                  | 240                       | 8.5 | 1                   | 2.2  | 6.35              | 1/4  | 2.5                    |