

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/cm²(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 = $\begin{cases} 101.972 \text{ kpm/cm}^2 \text{ (at)} \\ 0.238846 \text{ kcal/s} \\ 859.845 \text{ kcal/h} \\ 1.35962 \text{ hk} \\ 1.34102 \text{ hp} \end{cases}$

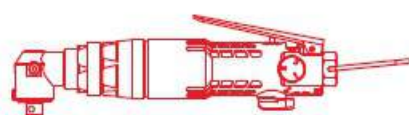
• FLOW / 流率

1m³/min=16.6667 L/s=35.335 cfm
1cfm=0.471947 L/s=0.0283 m³/min 1L/s=201189cfm
1m³/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

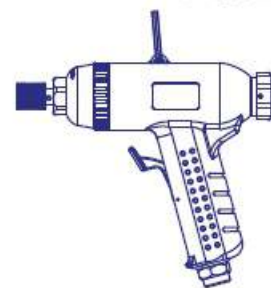
ANGLE 彎頭型



STRAIGHT 直柄型



PISTOL 手槍型



IMPACT SCREWDRIVER 衝擊型螺絲起子

MODEL 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 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

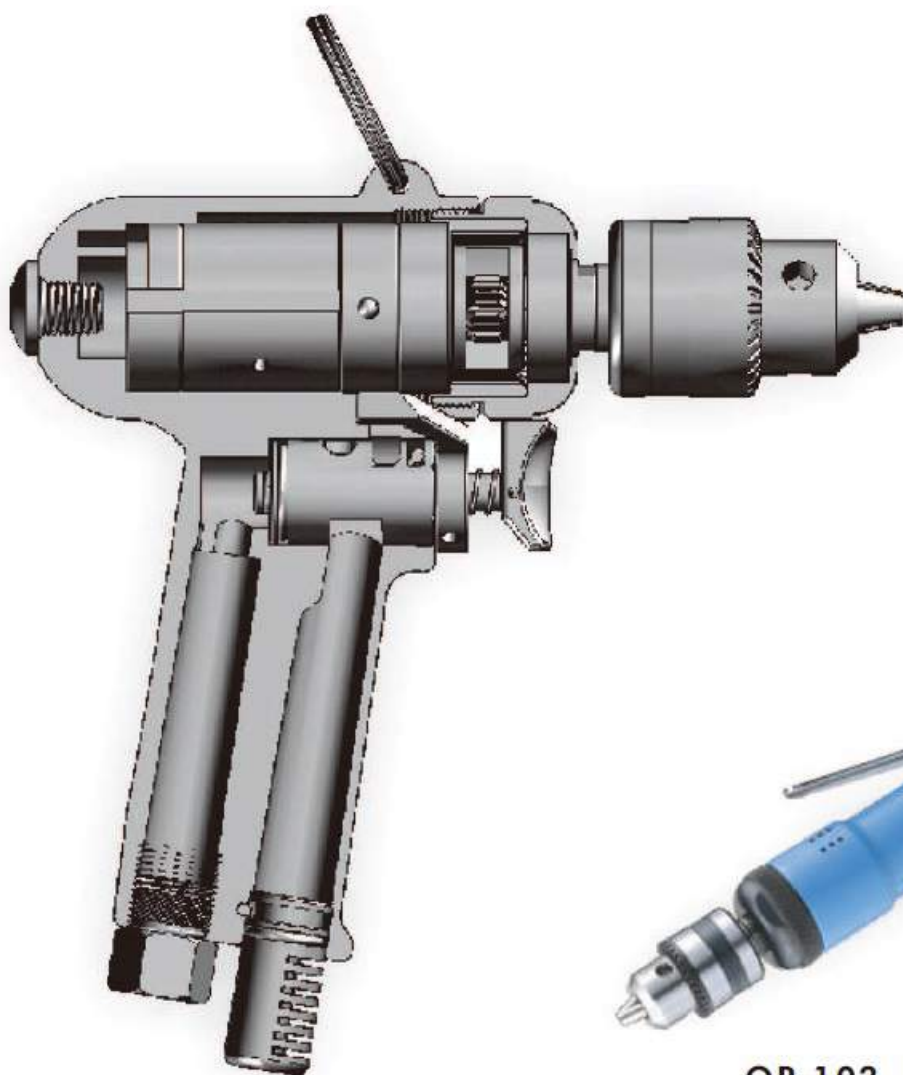
MODEL 型 號	106A	106B		2S2110	5SLA15	5SLA08	5SLA03	
	1S0625	1S0607		5S1515C	2S3215	5S5108A	2S4304	
				5S5115C	5S1508B	5S1508A	5S5103	
					5S1515B	2S3208		
					5S5108B	2S4307		
					5S5115B			
SCREW SIZE 螺絲尺寸	2mm	2.5mm	3mm	3.5mm	4mm	5mm	6mm	8mm

IMPACT WRENCH 衝擊型扳手

MODEL 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 螺栓尺寸	M6	M8	M10	M12	M14	M16	M18	M20	M22	M24	M27	M30
NUT SIZE 螺帽尺寸	10mm	13mm	17mm	19mm	22mm	24mm	27mm	30mm	32mm	36mm	41mm	46mm

Air Drill Gear Type

氣動鑽：齒輪式



OP-510H 3/8"
Rear exhaust
後排氣



OP-102 3/8"
Side exhaust
側排氣



OP-D5128 1/4"
Handle exhaust
下排氣



OP-101 3/8"
Handle exhaust
下排氣



OP-401LN 3/8"
Handle exhaust
下排氣



OP-601C 3/8"
Handle exhaust
下排氣

SPECIFICATION (air pressure at 90psi、6.2bar、6.3kg/cm²)

MODEL 型號	Chuck Size 夾頭尺寸		Stall Torque 停止扭矩		Free Speed 無負荷轉速	Air Consumption 耗氣量		Overall Length 全長		Air Inlet 入氣接頭	Net Weight 重量		Reversible 正反轉	Sound Level 噪音值 dB(A)
	mm	inch	Nm	ft-lb		l/min	cfm	mm	inch		kg	lb		
OP-510H	10	3/8			1500	240	8.5	210	8.27	1/4	1.4	3.09	○	98
OP-102	10	3/8	2.1	1.5	2200	141	5	210	8.27	1/4	0.84	1.85	○	88
OP-D5128	6	1/4	2.6	1.9	2850	198	7	147	5.79	1/4	0.82	1.81	○	80
OP-101	10	3/8	2.1	1.5	2500	226	8	185	7.28	1/4	1.07	2.36	○	88
OP-401LN	10	3/8	2.1	1.5	2100	198	7	175	6.89	1/4	1.05	2.31	○	88
OP-601C	10	3/8	2.1	1.5	2600	184	6.5	170	6.69	1/4	1.02	2.25	○	82

Air Drill Gear Type

氣動鑽：齒輪式



OP-101GA 1/2"
Handle exhaust
下排氣



OP-402LN 1/2"
Handle exhaust
下排氣



OP-601CG 1/2"
Handle exhaust
下排氣



OP-D84140 3/8" Composite handle
OP-D8448 3/8" Handle exhaust
OP-D8432 3/8" 複合材料把手
OP-D8425 3/8" 下排氣



OP-D8410 1/2" Composite handle
OP-D8406 1/2" Handle exhaust
複合材料把手
下排氣



OP-D6116 3/8"
Handle exhaust
下排氣



OP-D95185 1/4"
OP-D9560 1/4"
OP-D9540 1/4"
OP-D9531 3/8"
OP-D9525 1/2"
Handle exhaust
下排氣



OP-D9519 3/8"
OP-D9512 1/2"
OP-D9506 1/2"
Handle exhaust
下排氣

SPECIFICATION (air pressure at 90psi、6.2bar、6.3kg/cm²)

MODEL 型號	Chuck Size 夾頭尺寸		Stall Torque 停止扭矩		Free Speed 無負荷轉速	Air Consumption 耗氣量		Overall Length 全長		Air Inlet 入氣接頭	Net Weight 重量		Reversible 正反轉	Sound Level 噪音值 dB(A)
	mm	inch	Nm	ft-lb		l/min	cfm	mm	inch		kg	lb		
OP-101GA	13	1/2	7.7	5.6	700	226	8	220	8.66	1/4	1.55	3.41	○	88
OP-402LN	13	1/2	7.7	5.6	650	226	8	215	8.46	1/4	1.54	3.74	○	88
OP-601CG	13	1/2	7.7	5.6	700	212	7.5	205	8.07	1/4	1.49	3.28	○	82
OP-D84140	10	3/8	1	0.7	14000	283	10	185	7.28	1/4	1.06	2.34	○	88
OP-D8448	10	3/8	3.14	2.3	4800	283	10	185	7.28	1/4	1.06	2.34	○	88
OP-D8432	10	3/8	4.7	3.5	3200	283	10	185	7.28	1/4	1.06	2.34	○	88
OP-D8425	10	3/8	6	4.4	2500	283	10	185	7.28	1/4	1.06	2.34	○	88
OP-D8410	13	1/2	14.9	10.9	1000	283	10	230	9.05	1/4	1.62	3.57	○	88
OP-D8406	13	1/2	22.5	16.6	660	283	10	230	9.05	1/4	1.62	3.57	○	88
OP-D6116	10	3/8	6	4.4	1650	240	8.5	170	6.69	1/4	1.45	3.19	○	82
OP-D95185	6	1/4	1.4	1	18000	367	13	176	6.93	1/4	1.15	2.53	X	87
OP-D9560	6	1/4	4.4	3.2	6000	367	13	176	6.93	1/4	1.15	2.53	X	87
OP-D9540	6	1/4	6.6	4.8	4000	367	13	176	6.93	1/4	1.15	2.53	X	87
OP-D9531	10	3/8	8.4	6.2	3150	367	13	185	7.28	1/4	1.23	2.70	X	87
OP-D9525	13	1/2	10.4	7.6	2500	367	13	198	7.8	1/4	1.37	3.02	X	87
OP-D9519	10	3/8	13.8	10.2	1900	367	13	212	8.35	1/4	1.65	3.63	X	87
OP-D9512	13	1/2	20.9	15.4	1250	367	13	225	8.86	1/4	1.85	4.07	X	87
OP-D9506	13	1/2	39.9	29.4	650	367	13	225	8.86	1/4	1.85	4.07	X	87

Air Drill Gear Type

氣動鑽:齒輪式



OP-D16-G1 5/8"
OP-D19-G1 3/4"

Side exhaust
側排氣

■ Outside trigger : OP-D16-G1
OP-D19-G1

■ Inside trigger : OP-D16-G1Z
OP-D19-G1Z

■ 外板機 : OP-D16-G1
OP-D19-G1

■ 內板機 : OP-D16-G1Z
OP-D19-G1Z



OP-D165111 5/8"

Composite handle
Handle exhaust
複合材料把手
下排氣

SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm²)

MODEL 型號	Chuck Size 夾頭尺寸		Free Speed 無負荷轉速	Air Consumption 耗氣量		Overall Length 全長		Air Inlet 入氣接頭	Net Weight 重量		Reversible 正反轉	Sound Level 噪音值
	mm	inch	rpm	l/min	cfm	mm	inch	P.T	kg	lb		dB(A)
OP-D16-G1	16	5/8	1000	424	15	420	16.54	3/8	6.34	13.98	○	102
OP-D16-G1Z	16	5/8	1000	424	15	420	16.54	3/8	6.34	13.98	○	102
OP-D19-G1	19	3/4	1000	424	15	437	17.2	3/8	7.04	15.52	○	102
OP-D19-G1Z	19	3/4	1000	424	15	437	17.2	3/8	7.04	15.52	○	102