

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

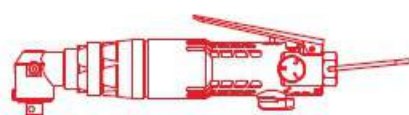
• FLOW / 流率

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

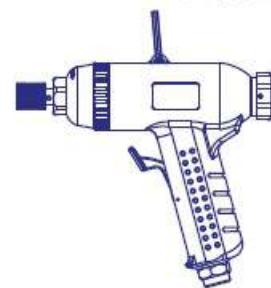
ANGLE 彎頭型



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 Ratchet Wrench

氣動棘輪扳手



OP-RW1016

Rear exhaust

後排氣



OP-RW10172 1/4"

OP-RW10173 3/8"

Rear exhaust

後排氣



OP-RW11473 3/8"

OP-RW11474 1/2"

Rear exhaust

後排氣



OP-RW10223 3/8"

OP-RW10224 1/2"

Rear exhaust

後排氣



OP-121 1/2"

Front exhaust

前排氣

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

MODEL 型號	Hex Size 六角尺寸	Bolt Size Capacity 螺栓規格	Working Torque 工作扭力		MAX. Torque 最大扭力		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		Sound Level 噪音值
	mm	mm	Nm	ft-lb	Nm	ft-lb	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
OP-RW1016	8,10,12,13,14		10	7	41	30	450	141	5	188	7.4	1/4	0.55	1.21	77
OP-RW10172		M6	10	7	34	25	250	141	5	181	7.13	1/4	0.55	1.21	85
OP-RW10173		M6	10	7	34	25	250	141	5	181	7.13	1/4	0.55	1.21	85
OP-RW11473		M10	80	59	100	74	140	310	11	275	10.82	1/4	1.45	3.19	85
OP-RW11474		M10	80	59	100	74	140	310	11	275	10.82	1/4	1.45	3.19	85
OP-RW10223		M10	50	37	95	70	180	170	6	266	10.47	1/4	1.2	2.65	85
OP-RW10224		M10	50	37	95	70	180	170	6	266	10.47	1/4	1.2	2.65	85
OP-121		M10	43	32	100	74	150	339	12	360	14.17	1/4	2.06	4.54	92

Air Ratchet Wrench

氣動棘輪扳手

- The ratchet wrench can be used in narrow working spaces and can fasten bolts and nuts easily. This special tool can be reached tight place that other air tools can not.
- Remove: First, loosen nut by wrench then take nut out with air ratchet.
- Fasten: Push trigger to position the nut then lock it with torque wrench.

- 棘輪扳手主要功能，是解決其他氣動工具，無法深入極小空間裡、鎖緊螺絲或螺帽之特殊工具。
- 拆卸：應先以扳手鬆開螺帽後，再觸壓板機。
- 上緊：觸壓板機將螺帽定位後，再以扭力扳手上緊。



OP-808LS
Rear exhaust
後排氣



OP-814LS
Rear exhaust
後排氣



OP-814LSB
Rear exhaust
後排氣



OP-819LS
Rear exhaust
後排氣



OP-827LS
Rear exhaust
後排氣



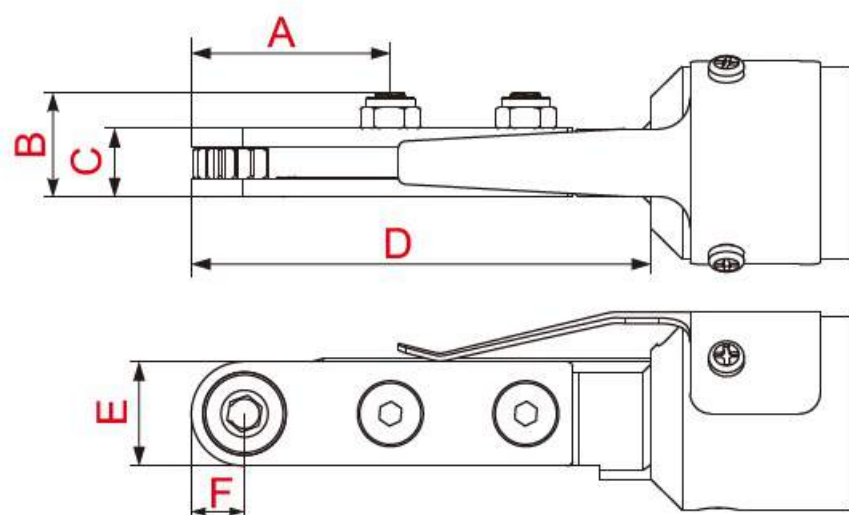
OP-832LS
Rear exhaust
後排氣



OP-836LS
Rear exhaust
後排氣

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

MODEL 型號	Hex Size 六角尺寸	Working Torque 工作扭力		MAX. Torque 最大扭力		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		Sound Level 噪音值
	mm	Nm	ft-lb	Nm	ft-lb	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
OP-808LS	6, 7, 8, 9, 10, 11, 12, (1/4", 3/8")	10	7	10	7	180	127	4.5	300	11.81	1/4	1.3	2.87	86
OP-814LS	10, 11, 12, 13, 14, (1/2", 9/16")	15	11	25	18	220	212	7.5	332	13.07	1/4	1.92	4.23	87
OP-814LSB	10, 11, 12, 13, 14, 15, 16, 17, 18, 19 (11/16")	15	11	25	18	190	212	7.5	338	13.3	1/4	2	4.4	87
OP-819LS	10, 11, 12, 13, 14, 15, 16, 17, 18, 19 (11/16")	80	59	90	66	150	353	12.5	390	15.35	1/4	2.42	5.33	92
OP-827LS	21, 22, 23, 24, 26, 27	80	59	90	66	130	353	12.5	398	15.66	1/4	2.48	5.46	92
OP-832LS	29, 30, 32	80	59	90	66	110	353	12.5	405	15.94	1/4	2.5	5.51	92
OP-836LS	35, 36	80	59	90	66	100	353	12.5	408	16.06	1/4	2.52	5.55	92



MODEL 型 號	A mm	B mm	C mm	D mm	E mm	F mm
OP-808LS	38.2	20	13.2	88.2	20	10.2
OP-814LS	44.4	26	18	109	25.2	12.2
OP-814LSB	51	26	18	115	33.2	16.6
OP-819LS	51	26	18	115	33.2	16.6
OP-827LS	59	26	18	123	41	20.5
OP-832LS	66	26	18	130	48	24
OP-836LS	70	26	18	134	52	26

Air Ratchet Wrench Order Code Reference

Model 型 號	OP-808LS	OP-814LS	OP-814LSB	OP-819LS	OP-827LS	OP-832LS	OP-836LS
Hex Size 六角尺寸	Order Code 訂 貨 號						
6mm	OP-808LS-6						
7mm	OP-808LS-7						
8mm	OP-808LS-8						
9mm	OP-808LS-9						
10mm	OP-808LS-10	OP-814LS-10	OP-814LSB-10	OP-819LS-10			
11mm	OP-808LS-11	OP-814LS-11	OP-814LSB-11	OP-819LS-11			
12mm	OP-808LS-12	OP-814LS-12	OP-814LSB-12	OP-819LS-12			
13mm		OP-814LS-13	OP-814LSB-13	OP-819LS-13			
14mm		OP-814LS-14	OP-814LSB-14	OP-819LS-14			
15mm			OP-814LSB-15	OP-819LS-15			
16mm			OP-814LSB-16	OP-819LS-16			
17mm			OP-814LSB-17	OP-819LS-17			
18mm			OP-814LSB-18	OP-819LS-18			
19mm			OP-814LSB-19	OP-819LS-19			
21mm					OP-827LS-21		
22mm					OP-827LS-22		
23mm					OP-827LS-23		
24mm					OP-827LS-24		
26mm					OP-827LS-26		
27mm					OP-827LS-27		
29mm						OP-832LS-29	
30mm						OP-832LS-30	
32mm						OP-832LS-32	
35mm							OP-836LS-35
36mm							OP-836LS-36
1/4"	OP-808LS-1/4"						
3/8"	OP-808LS-3/8"						
1/2"		OP-814LS-1/2"		OP-819LS-1/2"			
9/16"		OP-814LS-9/16"		OP-819LS-9/16"			
11/16"			OP-814LSB-11/16"	OP-819LS-11/16"			
Equal specifications: 5/16" <=> 8mm, 5/8" <=> 16mm, 3/4" <=> 19mm, 1-3/8" <=> 35mm, 1-1/2" <=> 38mm 相等規格							



OP-814LR
Angled Right

Air Ratchet Wrench Order Code Reference

Model 型 號	OP-814LR	OP-814LRB				
Hex Size 六角尺寸	Order Code 訂 貨 號					
10mm	OP-814LR-10	OP-814LRB-10				
11mm	OP-814LR-11	OP-814LRB-11				
12mm	OP-814LR-12	OP-814LRB-12				
13mm	OP-814LR-13	OP-814LRB-13				
14mm	OP-814LR-14	OP-814LRB-14				
15mm		OP-814LRB-15				
16mm		OP-814LRB-16				
17mm		OP-814LRB-17				
18mm		OP-814LRB-18				
19mm		OP-814LRB-19				
21mm						
22mm						
23mm						
24mm						
26mm						
27mm						
29mm						
30mm						
32mm						
35mm						
36mm						
1/4"						
3/8"						
1/2"	OP-814LR-1/2"					
9/16"	OP-814LR-9/16"					
11/16"		OP-814LRB-11/16"				
Equal specifications: 5/16"=>8mm, 5/8"=>16mm, 3/4"=>19mm, 1-3/8"=>35mm 相等規格						

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

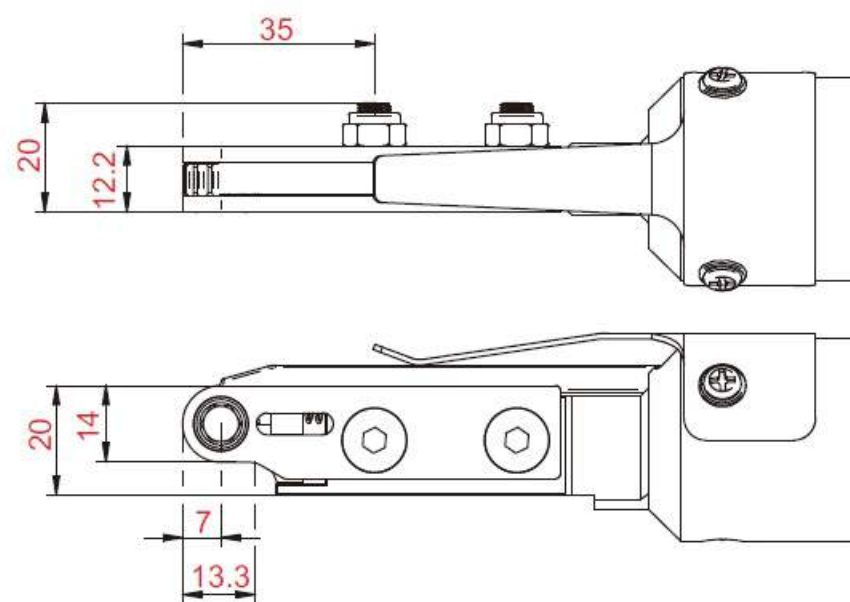
MODEL 型 號	Hex Size 六角尺寸	Working Torque 工作扭力		MAX. Torque 最大扭力		Free Speed 無負荷轉速	Air Consumption 耗 氣 量		Overall Length 全 長		Air Inlet 入氣接頭	Net Weight 重 量		Sound Level 噪音值
	mm	Nm	ft-lb	Nm	ft-lb	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
OP-814LR	10, 11, 12, 13, 14, (1/2", 9/16")	15	11	25	18	220	212	7.5	327	12.88	1/4	1.92	4.23	87
OP-814LRB	10, 11, 12, 13, 14, 15, 16, 17, 18, 19 (11/16")	15	11	25	18	190	212	7.5	333	13.11	1/4	2	4.4	87

Mini Air Ratchet Wrench

迷你氣動棘輪扳手

Air Ratchet Wrench Order Code Reference

Model 型 號	OP-806LS
Hex Size 六角尺寸	Order Code 訂 貨 號
6mm	OP-806LS-6
1/4"	OP-806LS-1/4"



OP-806LS
Rear exhaust
後排氣

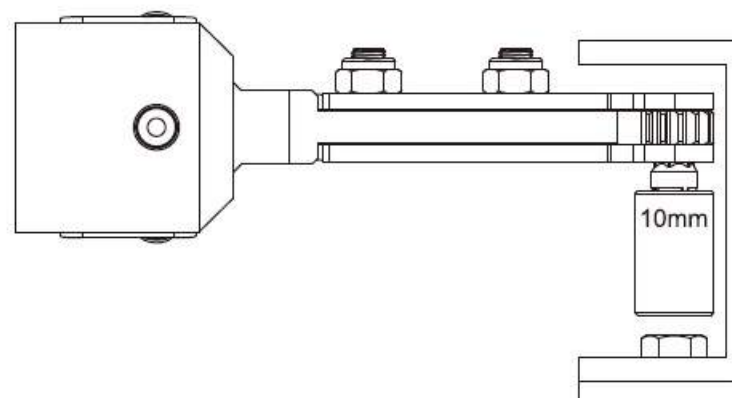
SPECIFICATION (air pressure at 90psi、6.2bar、6.3kg/cm²)

MODEL 型 號	Hex Size 六角尺寸	Working Torque 工作扭力	MAX. Torque 最大扭力	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	Sound Level 噪音值
	mm	Nm ft-lb	Nm ft-lb	rpm	l/min cfm	mm inch	P.T	kg lb	dB(A)
OP-806LS	6, 1/4"	10 7	10 7	250	127 4.5	290 11.41	1/4	1.28 2.82	86

Exclusive Bit

專用起子頭

- Used with OP-806LS-1/4" can be used with multi-size thin socket.
- 搭配 OP-806LS-1/4" 使用，可裝配多種尺寸薄型套筒使用。



MODEL 型 號	Type 樣 式	Type 樣 式	Length 長 度	9 克	Packing 入 數
96A2025	1/4"	1/4"	25mm	10	10PCS