

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

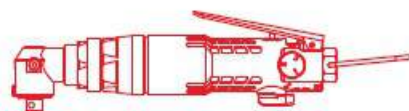
• FLOW / 流率

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

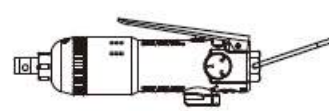
Air Screwdriver and Air Wrench Selection Guide

氣動螺絲起子與
氣動扳手選用建議

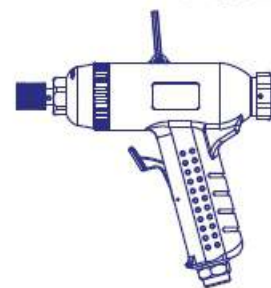
ANGLE 彎頭型



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

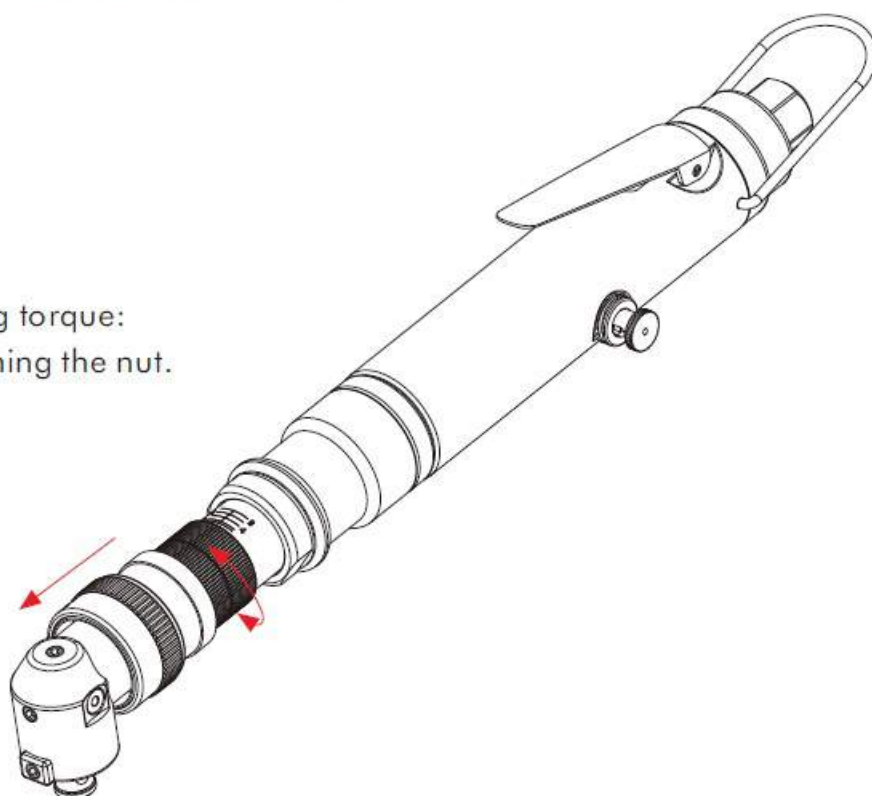
MODEL 型 號	301LB90	301B3	311LH3	308DW	100B	130LH4	130B	603D	936D2	912D2	913D2	914D2
		301LB3	310LH3	310DB4		100LB	131LB	908D			915DA	
		403LB3	306B	330D4		906D4		909D				
			310B3	310LD4		606D4						
			328B3	409WHA								
			809B1	310LB3								
			306SL1	328LB3								
				406LB								
				605D4								
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 Wrench Torque Control Type

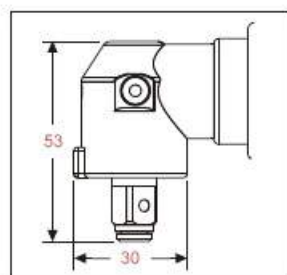
氣動扳手:扭力控制式

The method of adjusting torque:
Adjusting torque by turning the nut.
扭力調整方式:
調整螺帽距離



OP-5SLB08 3/8"
OP-5SLB15 3/8"

Air shut off
Rear exhaust
後排氣

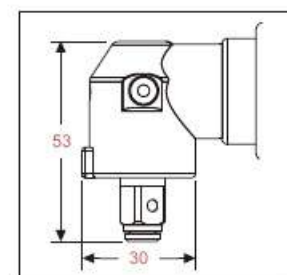


UNIT : (mm)



OP-5SLB03 3/8"

Air shut off
Rear exhaust
後排氣



UNIT : (mm)

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

MODEL 型號	Bolt Size Capacity 螺栓規格	MAX. Torque 最大扭矩	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		Sound Level 噪音值
	mm	Nm	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
OP-5SLB15	M4	1.2~2.4	1450	198	7	340	13.39	1/4	1.22	2.69	80
OP-5SLB08	M5	2.2~4.3	800	198	7	340	13.39	1/4	1.22	2.69	80
OP-5SLB03	M6	4~10	340	198	7	350	13.77	1/4	1.3	2.86	80



Air Wrench Two Hammer Type

氣動扳手:雙鎚式



- High impact frequency.
- Low counteraction.

APPLICATION :

- Apply to release or fasten small bolts especially in heavy-productive assembly lines such as motor-vehicles, bicycles, and motor.

- 衝擊頻率高
- 反作用力小

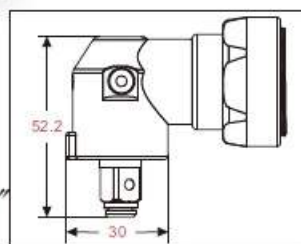
用途 :

- 小型螺帽攻拆專用如汽機車、自行車、馬達等高精度產量裝配維修廠



OP-301LB90 3/8"

Rear exhaust
後排氣

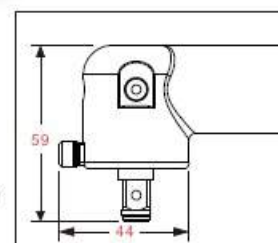


UNIT : (mm)



OP-311LH3 3/8"

Rear exhaust
後排氣

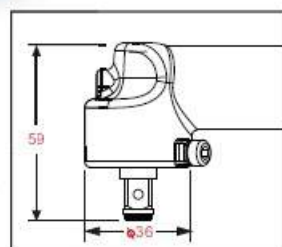


UNIT : (mm)



OP-310LH3 3/8"

Side exhaust
側排氣

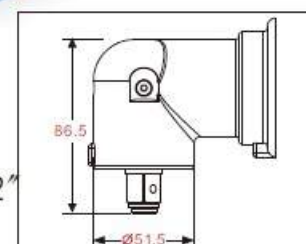


UNIT : (mm)



OP-130LH4 1/2"

Side exhaust
側排氣



UNIT : (mm)

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

MODEL 型號	Bolt Size Capacity 螺栓規格	Working Torque 工作扭力		MAX. Torque 最大扭矩		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		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-301LB90	M6	17	13	40	30	9000	141	5	240	9.45	1/4	1.22	2.69	83
OP-311LH3	M10	50	37	90	66	8500	240	8.5	265	10.43	1/4	1.58	3.48	90
OP-310LH3	M10	60	44	130	96	7000	198	7	240	9.45	1/4	1.62	3.57	92
OP-130LH4	M14~M16	220	162	270	200	4000	283	10	375	14.76	1/4	5	11.02	96



Air Wrench Two Hammer Type

氣動扳手:雙鎚式



OP-301B2 1/4"
OP-301B3 3/8"
Side exhaust
側排氣



OP-306B 3/8"
Rear exhaust
後排氣



OP-809B1 3/8"
Rear exhaust with muffler
後排氣低噪音



OP-310B3 3/8"
Side exhaust
側排氣



OP-328B3 3/8"
360° Rotate side exhaust
360°調整側排氣



OP-100B 1/2"
Rear exhaust
後排氣



OP-130B 1/2"
Side exhaust
側排氣

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

MODEL 型號	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	Nm ft-lb	Nm	ft-lb		l/min	cfm	mm	inch		kg	lb	
OP-301B	M8	27	20	35	26	11000	127	4.5	178	7.01	1/4	0.68	1.5	89
OP-306B	M10	80	59	200	148	8000	212	7.5	225	8.86	1/4	1.07	2.36	90
OP-809B1	M10	80	59	130	96	8000	184	6.5	230	9.06	1/4	1.2	2.65	80
OP-310B3	M10~M12	90	66	240	177	8000	254	9	190	7.48	1/4	1.06	2.34	97
OP-328B3	M10~M12	100	73	240	177	8800	268	9.5	198	7.79	1/4	1.05	2.31	98
OP-100B	M12~M14	160	118	280	207	5500	240	8.5	260	10.24	1/4	1.7	3.75	85
OP-130B	M16~M18	320	236	500	369	4400	283	10	330	13	1/4	3.4	7.5	95



Air Wrench Two Hammer Type

氣動扳手:雙鎚式



OP-301LB2 1/4"
OP-301LB3 3/8"
Handle exhaust
下排氣



OP-403LB2 1/4"
OP-403LB3 3/8"
Handle exhaust
下排氣



OP-306SL1 3/8"
360° Rotate handle exhaust
360° 調整下排氣



OP-406LB 3/8"
Handle exhaust
下排氣



OP-310LB3 3/8"
Side exhaust
側排氣



OP-328LB3
360° Rotate handle exhaust
360° 調整下排氣



OP-100LB 1/2"
Side exhaust
側排氣



OP-131LB 1/2"
Side exhaust
側排氣

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

MODEL 型號	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	Nm	ft-lb	Nm	ft-lb	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
OP-301LB	M8	27	20	35	26	13000	198	7	145	5.71	1/4	0.9	1.98	88
OP-403LB	M8	27	20	30	22	11500	170	6	155	6.1	1/4	0.9	1.98	87
OP-306SL1	M10	80	59	200	148	8000	226	8	183	7.2	1/4	1.2	2.65	87
OP-406LB	M12	100	74	190	140	8000	283	10	160	6.3	1/4	1.2	2.65	87
OP-310LB3	M12	110	81	240	177	7700	283	10	185	7.28	1/4	1.34	2.89	93
OP-328LB3	M12	110	81	240	177	8000	254	9	183	7.2	1/4	1.24	2.73	87
OP-100LB	M16	270	199	440	325	5000	240	8.5	180	7.09	1/4	2.3	5.07	92
OP-131LB	M18	360	266	580	428	4300	283	10	210	8.27	1/4	3.1	6.83	96



Air Wrench Single Ring Type

氣動扳手:單環式



OP-308DW 1/2"
OP-308D 3/8"

Rear exhaust
後排氣



OP-310DB3 3/8"
OP-310DB4 1/2"

Side exhaust
側排氣



OP-330D3 3/8"
OP-330D4 1/2"

360° Rotate side exhaust
360°調整側排氣



OP-310LD3 3/8"
OP-310LD4 1/2"

Side exhaust
側排氣



OP-409W 3/8"
OP-409WHA 1/2"

Handle exhaust
下排氣



OP-601DB 3/8"
OP-601D 1/2"

Side exhaust
側排氣



OP-605D4 1/2"

Handle exhaust
下排氣

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

MODEL 型號	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	Nm	ft-lb	Nm	ft-lb	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
OP-308DW	M12	120	86	230	170	8100	240	8.5	220	8.66	1/4	1.32	2.91	85
OP-308D	M12	120	86	230	170	8100	240	8.5	220	8.66	1/4	1.32	2.91	85
OP-310DB3	M12	120	86	300	221	8800	254	9	200	7.87	1/4	1.18	2.6	96
OP-310DB4	M12	120	86	300	221	8800	254	9	200	7.87	1/4	1.18	2.6	96
OP-330D3	M12	140	103	300	221	8500	268	9.5	200	7.87	1/4	1.2	2.65	98
OP-330D4	M12	140	103	300	221	8500	268	9.5	200	7.87	1/4	1.2	2.65	98
OP-310LD3	M12	120	86	270	200	8000	254	9	185	7.28	1/4	1.5	3.3	96
OP-310LD4	M12	120	86	270	200	8000	254	9	185	7.28	1/4	1.5	3.3	96
OP-409W	M12	120	86	270	200	8500	254	9	155	6.1	1/4	1.32	2.91	88
OP-409WHA	M12	120	86	270	200	8500	254	9	155	6.1	1/4	1.32	2.91	88
OP-601DB	M12	120	86	270	200	8500	240	8.5	155	6.1	1/4	1.54	3.4	94
OP-601D	M12	120	86	270	200	8500	240	8.5	155	6.1	1/4	1.54	3.4	94
OP-605D4	M12	120	86	300	221	9500	240	8.5	155	6.1	1/4	1.42	3.13	82



Air Wrench Twin Ring Type

扳手系列:雙環式



OP-906D4 1/2"

Handle exhaust
下排氣



OP-606D4 1/2"

Handle exhaust
下排氣



OP-603D 1/2"

Side exhaust
側排氣



OP-908D 1/2"

Handle exhaust
下排氣



OP-909D 1/2"

Composite handle
Handle exhaust
複合材料把手
下排氣



OP-936D2 3/4"

Handle exhaust
下排氣



OP-936D4 3/4"

Handle exhaust
下排氣



OP-915D 3/4"

OP-915DA 1"

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	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	Nm	ft-lb	Nm	ft-lb	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
OP-906D4	M16	270	200	450	332	10000	311	11	140	5.51	1/4	1.6	3.52	92
OP-606D4	M16	300	221	480	354	9000	296	10.5	136	5.35	1/4	1.47	3.24	98
OP-603D	M18~M20	450	332	560	413	6000	325	11.5	180	7.09	1/4	2.57	5.67	95
OP-908D	M18~M20	450	332	600	443	6700	297	10.5	190	7.48	1/4	2.68	5.91	96
OP-909D	M18~M20	450	332	550	406	7300	311	11	210	8.27	1/4	2.15	4.74	90
OP-936D2	M22	820	604	950	700	5400	424	15	223	8.78	1/4	4.1	9.04	93
OP-936D4	M22	820	604	950	700	5400	424	15	268	10.55	1/4	4.25	9.37	93
OP-915D	M24~M27	1300	958	2000	1475	3800	410	14.5	260	10.24	3/8	6.08	13.4	85
OP-915DA	M24~M27	1300	958	2000	1475	3800	410	14.5	270	10.63	3/8	6.2	13.67	85



Air Wrench Twin Ring Type

氣動扳手:雙環式



Outside trigger
外板機

Inside trigger
內板機



OP-912D2 3/4"

Side exhaust
側排氣

- Outside trigger : OP-912D2 with driver anvil length 1/2"
OP-912D4 with driver anvil length 2-1/4"
- 外板機 : OP-912D2輸出軸長為1/2"
OP-912D4輸出軸長為2-1/4"
- Inside trigger : OP-912DZ2 with driver anvil length 1/2"
OP-912DZ4 with driver anvil length 2-1/4"
- 內板機 : OP-912DZ2輸出軸長為1/2"
OP-912DZ4輸出軸長為2-1/4"



OP-913D2 1"

Side exhaust
Light type
側排氣
輕量型



- Outside trigger : OP-913D2 with driver anvil length 1/2"
OP-913D6 with driver anvil length 6-1/2"
- 外板機 : OP-913D2輸出軸長為1/2"
OP-913D6輸出軸長為6-1/2"
- Inside trigger : OP-913DZ2 with driver anvil length 1/2"
OP-913DZ6 with driver anvil length 6-1/2"
- 內板機 : OP-913DZ2輸出軸長為1/2"
OP-913DZ6輸出軸長為6-1/2"

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

MODEL 型號	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	Nm	ft-lb	Nm	ft-lb	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
OP-912D2	M22~M24	900	664	1000 ~1300	730 ~950	4300	424	15	348	13.7	3/8	5.1	11.24	102
OP-912D4	M22~M24	900	664	1000 ~1300	730 ~950	4300	424	15	393	15.47	3/8	5.25	11.57	102
OP-912DZ2	M22~M24	900	664	1000 ~1300	730 ~950	4300	424	15	348	13.7	3/8	5.1	11.24	102
OP-912DZ4	M22~M24	900	664	1000 ~1300	730 ~950	4300	424	15	393	15.47	3/8	5.25	11.57	102
OP-913D2	M27	1400	1032	1800 ~2000	1320 ~1470	4000	424	15	350	13.78	3/8	6.6	14.55	102
OP-913D6	M27	1400	1032	1800 ~2000	1320 ~1470	4000	424	15	500	19.69	3/8	7.4	16.31	102
OP-913DZ2	M27	1400	1032	1800 ~2000	1320 ~1470	4000	424	15	350	13.78	3/8	6.6	14.55	102
OP-913DZ6	M27	1400	1032	1800 ~2000	1320 ~1470	4000	424	15	500	19.69	3/8	7.4	16.31	102



Air Wrench Twin Ring Type

氣動扳手:雙環式

Outside trigger
外板機

Inside trigger
內板機



OP-914D2 1"

Side exhaust
側排氣



- Outside trigger : OP-914D2 with driver anvil length 1/2"
OP-914D6 with driver anvil length 6-1/2"

- 外板機 : OP-914D2輸出軸長為1/2"
OP-914D6輸出軸長為6-1/2"

- Inside trigger : OP-914DZ2 with driver anvil length 1/2"
OP-914DZ6 with driver anvil length 6-1/2"

- 內板機 : OP-914DZ2輸出軸長為1/2"
OP-914DZ6輸出軸長為6-1/2"



OP-914DA3 1-1/2"

Side exhaust
側排氣



- Outside trigger : OP-914DA3 with driver anvil length 1/2"
OP-914DA6 with driver anvil length 6"

- 外板機 : OP-914DA3輸出軸長為1/2"
OP-914DA6輸出軸長為6"

- Inside trigger : OP-914DAZ3 with driver anvil length 1/2"
OP-914DAZ6 with driver anvil length 6"

- 內板機 : OP-914DAZ3輸出軸長為1/2"
OP-914DAZ6輸出軸長為6"

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

MODEL 型號	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	Nm	ft-lb	Nm	ft-lb	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
OP-914D2	M30	2000	1475	2500 ~2900	1840 ~2130	2800	452	16	393	15.47	3/8	10.3	22.71	100
OP-914D6	M30	2000	1475	2500 ~2800	1840 ~2060	2800	452	16	543	21.38	3/8	12.3	27.12	100
OP-914DZ2	M30	2000	1475	2500 ~2900	1840 ~2130	2800	452	16	393	15.47	3/8	10.3	22.71	100
OP-914DZ6	M30	2000	1475	2500 ~2800	1840 ~2060	2800	452	16	543	21.38	3/8	12.3	27.12	100
OP-914DA3	M30	2000	1475	2700 ~3000	1990 ~2210	2800	452	16	418	16.46	3/8	11.54	25.44	100
OP-914DAZ3	M30	2000	1475	2700 ~3000	1990 ~2210	2800	452	16	418	16.46	3/8	11.54	25.44	100
OP-914DA6	M30	2000	1475	2700 ~3000	1990 ~2210	2800	452	16	543	21.38	3/8	13.26	29.23	100
OP-914DAZ6	M30	2000	1475	2700 ~3000	1990 ~2210	2800	452	16	543	21.38	3/8	13.26	29.23	100