

AIR RATCHET WRENCH

Max. torque output 34N·m

Models **AR3100**



For attaching and detaching bolts and nuts in narrow places where work such as automobile maintenance and assembly lines is difficult.

Slip resistant double molded grip.

Stepless output adjustment is possible by the pull condition of the switch.

A rotary joint that prevents twisting of the hose.

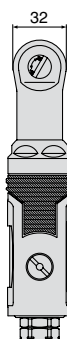
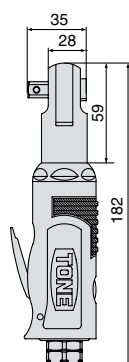
Both forward and reverse rotation can be switched.



Forward / reverse switching knob



AR3100



OPTION

Impact socket (3NV- ○○) P.218

AIR IMPACT WRENCH

Max. torque output 350N·m

Models **AI3120**



Ideal for car tire replacement and bolt / nut installation and removal.

A weight of 1.1 kg is achieved with a magnesium alloy hammer case and a special reinforced resin body.

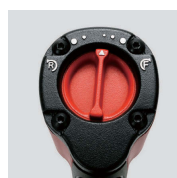
It is equipped with a lightweight and powery pin clutch.

Output adjustment lever with 3 forward rotations and 2 reverse rotations.

Stepless output adjustment is also possible by the degree of pull of the switch.

In shape that is easy to hold, we adopt soft grip to soften vibration.

A rotary joint that prevents twisting of the hose.



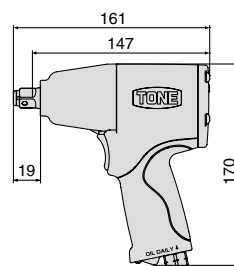
Output adjustment lever



Pin clutch



AI3120



OPTION

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⚠ WARNING

- Please read instruction manual carefully before use.
- Use goggles and protecting devices.

Specification

Models	Output drive dr. (mm)	Max. torque (N·m)	No-load speed (min ⁻¹ [rpm])	Air pressure (MPa)	Max. air consumption (ℓ /min)	Air intake	Air hose inner diameter (mm)	(Reference) Compatible bolt	Qty./Carton (Generally)	Weight (kg)
AR3100	9.5	34	280	0.62	※1 (ntp) 490 (op) 72.2	Rc1/4(PT1/4)	More than 10	M10 (Class 4.6)	5	0.6
AI3120	9.5 (With pin hole)	350	11,000	0.62	※1 (ntp) 720 (op) 107	Rc1/4(PT1/4)	More than 10	※2 M12	5	1.1
AI4161	12.7 (With pin hole)	CW 510 CCW 570	CW 10,000 CCW 11,000	0.62	※1 (ntp) 915 (op) 136	Rc1/4(PT1/4)	More than 10	※2 M16	4	1.2
AI4200	12.7 (With pin hole)	CW 610 CCW 700	10,000	0.62	※1 (ntp) 845 (op) 127	Rc1/4(PT1/4)	More than 10	※2 M20	5	1.3

※ Use a compressor with an air tank. The output of the compressor is recommended to be 0.75 kW (1 PS) or more.

※ If the tightening torque is quite specified, we recommended to use a torque wrench together.

※ 1 The maximum air consumption (ntp) indicates the air consumption converted to the standard condition (0 °C, 1 atm = 0.1MPa). The maximum air consumption (op) indicates the air consumption under actual operating conditions (20 °C, 0.62MPa).

※ 2 Adaptation bolt assumes wheel nut for car.

