

Product Safety Information

Intended Use:

These Air Ratchet Wrenches are designed to remove and install threaded fasteners.

For additional information refer to Product Safety Information Manual Form 04580361.

Manuals can be downloaded from ingersollrandproducts.com

Product Specifications

Models	Drive	Free Speed	Recommended Torque Range	Sound Level dB(A) (ISO15744)		Vibration (m/s ²) (ISO28927)	
	Size	rpm	ft-lb (Nm)	† Pressure (L _p)	‡ Power (L _w)	Level	*K
105-D2	1/4"	280	5-20 (7-27)	81.8	92.8	5.1	0.9
105-D3	3/8"	280	5-20 (7-27)	81.8	92.8	5.1	0.9
105-C3	3/8"	280	5-20 (7-27)	78.6	89.6	3.5	1.2
105-L2	1/4"	280	5-20 (7-27)	81.6	92.6	3.7	0.9
1105MAX-D2	1/4"	330	5-25 (7-34)	88.9	99.9	5.7	1.0
1105MAX-D3	3/8"	330	5-25 (7-34)	88.9	99.9	5.7	1.0

† K_{PA} = 3dB measurement uncertainty

* K = Vibration measurement uncertainty

‡ K_{WA} = 3dB measurement uncertainty

WARNING

Sound and vibration values were measured in compliance with internationally recognized test standards. The exposure to the user in a specific tool application may vary from these results. Therefore, on site measurements should be used to determine the hazard level in that specific application.

Installation and Lubrication

Size air supply line to ensure tool's maximum operating pressure (P_{MAX}) at tool inlet. Drain condensate from valve(s) at low point(s) of piping, air filter and compressor tank daily. Install a properly sized Safety Air Fuse upstream of hose and use an anti-whip device across any hose coupling without internal shut-off, to prevent hose whipping if a hose fails or coupling disconnects. See drawing 16571804-2 and table on page 2. Maintenance frequency is shown in circular arrow and defined as h=hours, d=days, and months of actual use. Items identified as:

- Air filter
- Regulator
- Lubricator
- Emergency shut-off valve
- Hose diameter
- Thread size
- Coupling
- Safety Air Fuse
- Oil
- Grease - Inject between ratchet housing and yoke to lubricate drive bushing.
- Grease - Disassemble ratchet head and lubricate components.
- Grease - Disassemble gearing and lubricate components

Parts and Maintenance

When the life of the tool has expired, it is recommended that the tool be disassembled, degreased and parts be separated by material so that they can be recycled.

Original instructions are in English. Other languages are a translation of the original instructions.

Tool repair and maintenance should only be carried out by an authorized Service Center.

Refer all communications to the nearest **Ingersoll Rand** Office or Distributor.