

## Product Safety Information

### Intended Use:

These die grinders are designed for grinding, porting, polishing, de-burring and breaking sharp edges.

**For additional information refer to Product Safety Information Manual Form 04580288.**

Manuals can be downloaded from [ingersollrandproducts.com](http://ingersollrandproducts.com)

### Product Specifications

Model(s)	Free Speed	Collet Size	Sound Level dB(A) (ISO15744)		Sound Level dB(A) (ANSI S5.1-1971)		Vibration (m/s <sup>2</sup> ) (ISO28927)	
	rpm	mm	† Pressure (L <sub>p</sub> )	‡ Power (L <sub>w</sub> )	† Pressure (L <sub>p</sub> )	‡ Power (ISO3744)	Level	*K
301B	21000	1/4" (6 mm)	---	---	91.8	104.8	5.9	1.0
307B	28000	1/4" (6 mm)	83.0	94.0	---	---	4.5	1.1
302B	20000	1/4" (6 mm)	90.0	101.0	---	---	5.5	1.5
308B	25000	1/4" (6 mm)	92.0	103.0	---	---	3.7	1.2

† K<sub>PA</sub> = 3dB measurement uncertainty

‡ K<sub>WA</sub> = 3dB measurement uncertainty

\*K = Vibration 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<sub>MAX</sub>) 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 16573164 and table on page 2. Maintenance frequency is shown in a circular arrow and defined as h=hours, d=days, and m=months of actual use. Items identified as:

1. Air filter
2. Regulator
3. Lubricator
4. Emergency shut-off valve
5. Hose diameter
6. Thread size
7. Coupling
8. Safety Air Fuse
9. Oil
10. Grease