



47146626

Edition 2

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# Air Die Grinders

Models 335SG4A and 325SG4A

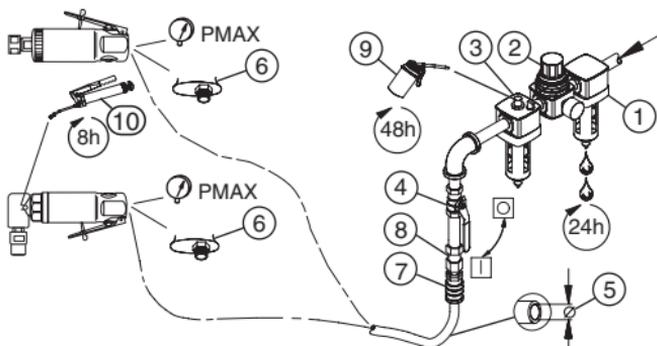
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## Product Information



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 **Ingersoll Rand**



(Dwg. 16573164)

①②③		⑤	⑥	⑦	⑨	⑩	
IR # - NPT	IR # - BS	inch (mm)	NPT	IR #	IR #	IR #	cm <sup>3</sup>
C38331-800	C383C1-810	3/8 (10)	1/4	MSCF32	10	67	2

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## Product Safety Information

### Intended Use:

SG series die grinders are designed for close-quarter work in the metal fabricating industry, shipyards, pipe fabrication, die and mold manufacturing and limited space applications. They are particularly good where conduits, pipes, ducts etc. pass through bulkheads or frames. These small grinders are very efficient at grinding weld bead and leaving a fine finish.

For Additional information refer to Air Die Grinder Product Safety Information Manual Form 47146659.

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

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## Product Specifications

Model(s)	Free Speed	Collet Size	Power hp (kW)	Sound Level dB (A) (ISO15744)		Vibration (m/s <sup>2</sup> ) (ISO28927)	
	rpm			† Pressure (L <sub>p</sub> )	‡ Power (L <sub>w</sub> )	Level	*K
325SG4A	25000	1/4" (6 mm)	1/3	77.8	88.8	5.2	3.3
335SG4A	35000	1/4" (6 mm)	1/3	80.8	91.8	4.3	2.4

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

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

\* K = Vibration measurement uncertainty

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## 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 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

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## 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.

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.

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