Ingersoll Rand

300 Series Die Grinders

Experience the improved design, additional features, and convenient upgrades we've made to our 300 Series Die Grinders!



302B Air Angle Die Grinder

For ultimate performance, the 302B is the perfect choice. This powerful grinder features a composite grip for superior ergonomics and comfort, and can be used in a variety of applications, including porting, weld breaking, deburring, polishing, and grinding.



308B Air Straight Die Grinder

Lightweight, durable, and maneuverable, the 308B offers powerful performance and comfort. With a composite grip for superior ergonomics and comfort, this long-lasting grinder is ideal for a variety of applications, including porting, weld breaking, deburring, polishing, and grinding.

- Powerful motor delivers 0.33 hp (0.25 kW):
  - 302B at 20,000 rpm free speed
  - 308B at 25,000 rpm free speed
- Durable ball-bearing construction improves balance, reduces vibration, and ensures a longer life.
- The 302B's built-in lubricating wick increases angle gear life.
- Lightweight, durable, ergonomic composite housing protects tool from cold air and offers greater operator comfort.
- Integral safety-lock throttle lever prevents accidental start-up.
- Rear exhaust directs air away from the operator.
- Piped-away exhaust kit optional.
- Tool comes with 1/4" and 6 mm collets and two wrenches.

Model	Power hp (kW)	Free Speed rpm	Output Collet Size	Product Weight lb (kg)	Product Length in (mm)	Avg Air Cons. cfm (L/min)	Air Cons. @ load cfm (L/min)	Sound Pressure/ Power/dBA	Air Inlet NPTF in	Min Hose Size in (mm)	Exhaust Direction	Air Pressure psi (bar)
302B	0.33 (0.25)	20000	1/4" and 6mm	1.28 (0.58)	6.93" (176)	6 (170)	23 (651)	90/101	1/4"	3/8" (10)	Rear	90 (6.2)
308B	0.33 (0.25)	25000	1/4" and 6mm	1.02 (0.46)	6.85" (174)	7 (198)	28 (793)	92/103	1/4"	3/8" (10)	Rear	90 (6.2)

Ingersoll Rand

300 Series Die Grinders

Experience the improved design and convenient upgrades we've made to our 300 Series Die Grinders!



301B Air Angle Die Grinder

As part of an expanded line of long-lasting, economical, general purpose die grinders, the 301B delivers a number of beneficial features in one compact package. Right-angle configuration provides easy access to tight spots, so you can grind, break sharp edges, deburr, port, and polish virtually anywhere!



307B Air Straight Die Grinder

Durable, reliable, and cost-effective, our 307B general purpose die grinder is designed for porting, light weld grinding, smoothing sharp edges, deburring, and polishing. Its compact design offers exceptional maneuverability, versatility, and accessibility for difficult-to-reach spots.

- Powerful motor delivers 0.25 hp (0.19 kW):
  - 301B at 21,000 rpm free speed
  - 307B at 28,000 rpm free speed
- Durable ball-bearing construction improves balance, reduces vibration, and ensures a longer tool life.
- Strong aluminum housing withstands tough operating conditions.
- Small and lightweight design provides easy operation, and greater access to tight spots.
- Easy-to-use, integral safety-lock throttle lever prevents accidental start-up.
- Front exhaust helps keep work surface clean.
- Tool comes with 1/4" and 6 mm collets and two wrenches.

Model	Power hp (kW)	Free Speed rpm	Output Collet Size	Product Weight lb (kg)	Product Length in (mm)	Avg Air Cons. cfm (L/min)	Air Cons. @ load cfm (L/min)	Sound Pressure/ Power/dBA	Air Inlet NPTF in	Min Hose Size in (mm)	Exhaust Direction	Air Pressure psi (bar)
301B	0.25 (0.19)	21000	1/4" and 6mm	1.02 (0.46)	5.27" (134)	6 (170)	24 (680)	92/105	1/4"	3/8" (10)	Front	90 (6.2)
307B	0.25 (0.19)	28000	1/4" and 6mm	0.73 (0.33)	5.19" (132)	6 (170)	24 (680)	83/94	1/4"	3/8" (10)	Front	90 (6.2)

For more information about our new and improved 300 Series Die Grinders, contact your local dealer.

(800) 866-5457 · Ingersollrandproducts.com

Ingersoll Rand (NYSE:IR) advances the quality of life by creating and sustaining safe, comfortable and efficient environments. Our people and our family of brands — including Club Car®, Ingersoll Rand®, Schlage®, Thermo King® and Trane® — work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; secure homes and commercial properties; and increase industrial productivity and efficiency. We are a $14 billion global business committed to a world of sustainable progress and enduring results.

©2012 Ingersoll-Rand Company IRITS-0612-031