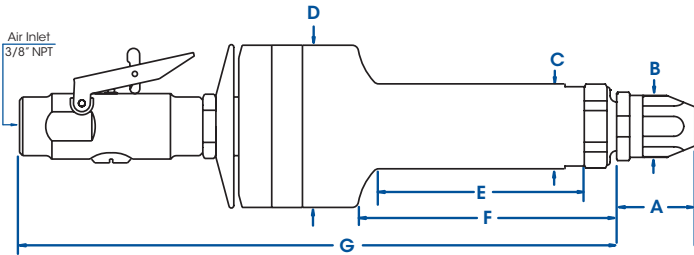


Incredible Double Turbine Power - to 1.40 hp (1.04 kW). Composites, plastics and alloys can be routed faster and cleaner at 40,000 rpm with a finer surface quality and less fiber break-out with the **310RXDM** with trigger switch control.

The oil-free patented mechanism results in no oil misting and no part contamination. The **310RXDM** is a powerful direct drive turbine with only 2 moving parts: the result is low vibration, low heat and great durability.

**Standard Equipment:** Hand Tool, 1/4" or optional 6mm collet, collet wrenches, rear exhaust, exhaust deflector and trigger switch. Oil free 90 psi (6.2 bar), clean, dry air supply required.

## Dimensions



<b>A</b>	<b>MIN: 1.50" (38.10mm) MAX: 1.63" (41.40mm)</b>		
<b>B</b>	1.19" (30.23mm)	<b>C</b>	1.62" (41.15mm)
<b>D</b>	3.10" (78.74mm)		<b>E</b>
<b>E</b>	4.01" (101.85mm)	<b>F</b>	5.04" (128.02mm)
<b>G</b>	11.34" (288.03mm)		

## 310RXDM Series

1/4"		6mm	
Speed RPM	Part #	Speed RPM	Part #
25,000	43422	25,000	43423
30,000	43432	30,000	43433
40,000	43442	40,000	43443
1/4" w/brake		6mm w/brake	
Speed RPM	Part #	Speed RPM	Part #
25,000	43426	25,000	43427
30,000	43436	30,000	43437
40,000	43446	40,000	43447

## Accessories

Model	Part #
High Flow Filter Regulator Extractor with 1/2" NPT	30084
6' Air Supply Assembly w/Fitting for DM Models	30012
12' Air Supply Assembly w/Fitting for DM Models	30013

## General Specifications

## 310RXDM

Speed RPM	25,000 / 30,000 / 40,000
Power Rating hp (kW)	1.2 (0.90) / 1.3 (0.98) / 1.4 (1.04)
Inlet Air Pressure	90 PSI (6.2 Bar)
Air Consumption Idle cfm (l/s)	16 (7.55) / 17 (8.02) / 18 (8.50)
Air Consumption Working Flow cfm (l/s)	19 (8.97) - 40 (18.89)
Sound Level	Less Than 67 dBA
Max Shank Capacity	1/4" (6mm)
Hand Tool Weight	41.4oz (1.17kg)

## Vibration Statistics

**Time to reach EAV 2.5 m/s<sup>2</sup> A(8)**  
345 hours, 40 minutes

**Time to reach ELV 5 m/s<sup>2</sup> A(8)**  
1382 hours, 37 minutes

**Vibration magnitude m/s<sup>2</sup> r.m.s**  
0.38

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Do not use couplings/hoses less than 1/4" / 6mm Internal Diameter (ID). With 230, 525X, and 3090 units use a minimum 3/8" / 9.5mm ID coupling/hose. For 230X units use a minimum 10mm ID coupling/hose. Always use a 5 micron filter and/or extractor where required and check specified PSI or L/S air flow. Use 6.2 Bar / 90 psi clean, dry, oil-free air only. Use eye protection and follow safety instructions. Supply is subject to Air Turbine Technology Inc. (ATT) distributor policies and upon terms contained in the ATT distributor agreement. Subject to availability, change of specifications, price and terms without notice. All specifications approximate.  
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