

# 202DM - 1/8" / 3mm Straight Hand Tool Series



Reduce hand arm stress and injury risk while increasing productivity – Impossible? Not at all.

Combining safety in its low vibration and high power the 6 oz (0.17 kg) **202DM** with trigger switch for quick-shut off can't be matched for its power to weight ratio – just try it! At 0.55 hp (0.41 kW) the **202DM** has awesome power output from its large diameter turbine. The narrow shaft gives you exact control of that power for precision work.

The vibration on the **202DM** is so low it's rated for nonstop work: 34 hours 44 minutes before reaching EAV 2.5 mm/s<sup>2</sup> (A8), or 138 hours 55 minutes before reaching ELV 5 m/s<sup>2</sup> (A8).

**Standard Equipment:** Hand Tool, 1/8" or optional 3mm collet, collet wrenches, rear exhaust, trigger switch and 1/4" NPT air supply fitting. Oil free 90 psi / 6.2 bar, clean, dry air supply required.

Dimensions					
<b>A</b>	0.81" (20.57mm)	<b>C</b>	2.00" (50.80mm)	<b>E</b>	5.28" (134.11mm)
<b>B</b>	0.75" (19.05mm)	<b>D</b>	4.36" (110.74mm)	<b>F</b>	7.73" (196.34mm)

202DM Series			
1/8"		3mm	
Speed RPM	Part #	Speed RPM	Part #
30,000	32232	30,000	32233
40,000	32242	40,000	32243
50,000	32252	50,000	32253
65,000	32262	65,000	32263
1/8" w/brake		3mm w/brake	
Speed RPM	Part #	Speed RPM	Part #
30,000	32236	30,000	32237
40,000	32246	40,000	32247
50,000	32256	50,000	32257
65,000	32266	65,000	32267

Accessories	
Model	Part #
High Flow Filter	30004
High Flow Filter / Regulator	30003
High Flow Filter / Regulator / Extractor	30008
5' Air Supply Assembly w/Fitting for DM Models	30010
8' Air Supply Assembly w/Fitting for DM Models	30011

General Specifications	202DM
Speed RPM	30,000 / 40,000 / 50,000 / 65,000
Power Rating hp (kW)	.40 (.30) / .45 (.34) / .50 (.37) / .55 (.41)
Inlet Air Pressure	90 PSI (6.2 Bar)
Air Consumption Idle cfm (l/s)	10 (4.72) / 13 (6.14) / 14 (6.61) / 14 (6.61)
Air Consumption Working Flow cfm (l/s)	11 (5.19) - 20 (9.44)
Sound Level	Less Than 67 dBA
Max Shank Capacity	1/8" (3mm)
Hand Tool Weight	13oz (0.37kg)

Vibration Statistics
<b>Time to reach EAV 2.5 m/s<sup>2</sup> A(8)</b> 34 hours, 44 minutes
<b>Time to reach ELV 5 m/s<sup>2</sup> A(8)</b> 138 hours, 55 minutes
<b>Vibration magnitude m/s<sup>2</sup> r.m.s</b> 1.20

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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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