

0145SSV

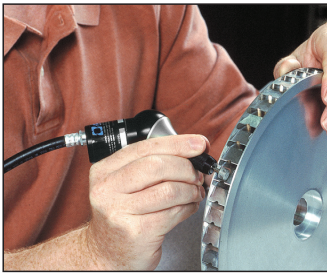
2545SV

2590SV

3090DM

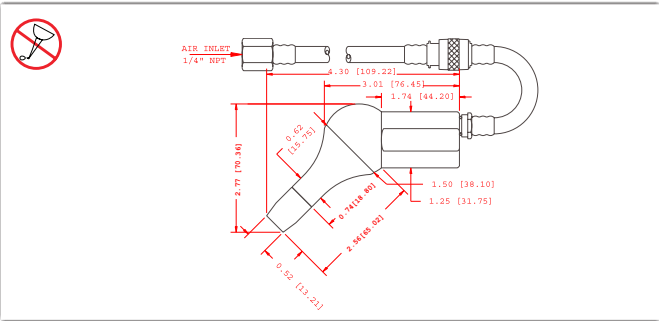
Angle Tool Series

Patented design, entire tool in head = no gears = light and low vibration.



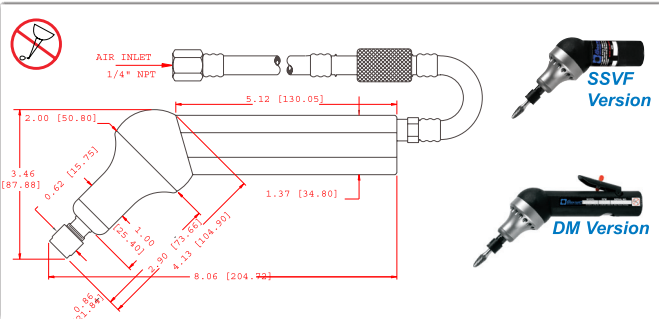
40,000 - 65,000 rpm
0.20 hp (0.15 kW)
6 oz (0.17 kg)

1/8" (3mm)



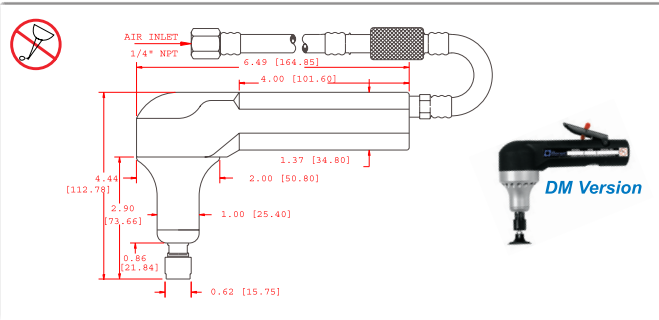
30,000 - 40,000 rpm
0.45 hp (0.34 kW)
SV: 18 oz (0.50 kg)
DM: 20 oz (0.56 kg)

1/4" (6mm)



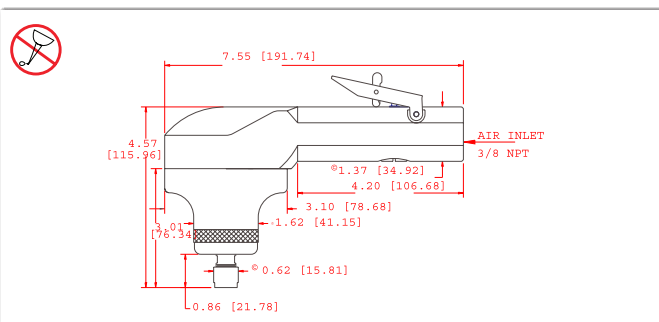
30,000 - 40,000 rpm
0.45 hp (0.34 kW)
SV: 18 oz (0.50 kg)
DM: 20 oz (0.56 kg)

1/4" (6mm)



25,000 - 40,000 rpm
0.88 hp (0.66 kW)
30 oz (0.84 kg)

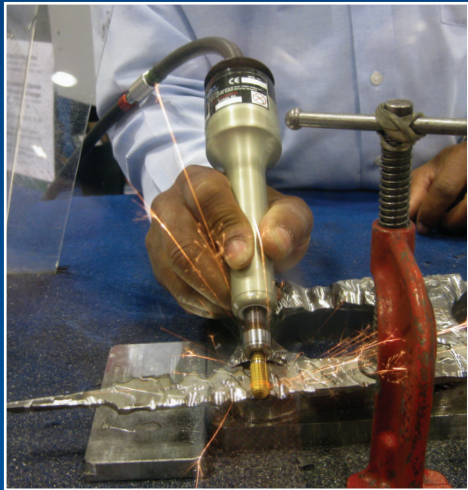
1/4" (6mm)



General Specifications	0145SSV	2545 Series	2590 Series	3090DM Series
Governed Speed rpm	40,000 / 50,000 / 65,000	30,000 / 40,000	30,000 / 40,000	25,000 / 30,000 / 40,000
Power Rating hp (kW)	.15 (.11) / .2 (.15) / .2 (.15)	.4 (0.30) / .45 (0.34)	.4 (0.30) / .45 (0.34)	.76 (.57) / .83 (.62) / .88 (.66)
Inlet Air Pressure	90 PSI (6.2 Bar)	90 PSI (6.2 Bar)	90 PSI (6.2 Bar)	90 PSI (6.2 Bar)
Air Consumption Idle cfm (l/s)	3.2 (1.51) / 4 (1.89) / 4 (1.89)	10 (4.72) / 13 (6.14)	10 (4.72) / 13 (6.14)	13 (6.14) / 14 (6.61) / 14 (6.61)
Air Consumption Working Flow cfm (l/s)	4.7 (2.22) - 7 (3.30)	11 (5.19) - 20 (9.44)	11 (5.19) - 20 (9.44)	14 (6.61) - 35 (16.52)
TIR Collet Held Shank	Less Than .001" (.03mm)	Less Than .001" (.03mm)	Less Than .001" (.03mm)	Less Than .001" (.03mm)
Sound Level	Less Than 67 dBA	Less Than 67 dBA	Less Than 67 dBA	Less Than 67 dBA
Max Shank Capacity	1/8" (3mm)	1/4" (6mm)	1/4" (6mm)	1/4" (6mm)

The Air Turbine Advantage

- Polishing, Finishing, Part Cleaning, Engraving, Routing, Tool & Die, Weld and Flash Removal, etc.
- 25,000 - 90,000 rpm. / 0.15 - 1.40 hp (0.11 - 1.04 kW). Constant high speed and torque under variable load.
- Powerful light weight range with low weight and ultra low vibration. Effective cutting with less fatigue.
- Totally oil-free system; grease-packed bearings.
- Constant high speed and torque under variable load.
- Fewer moving parts, less maintenance, fewer repairs.
- Super Precision: Super Finishing.
- Inlet air pressure 90 PSI (6.2 Bar) Max. Dry air only. Up to 30% savings on compressed air consumption.
- No Vanes or Gears, No Maintenance, Lubrication free.
- Eliminate Oil Mist from Shop Air and Workpiece.
- High peripheral speed cuts and finishes cleaner.
- 12 Month Limited Warranty / CE Mark.



Distributor:



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Boca Raton, Florida 33487, USA
info@airturbinetools.com



Phone: +1-561-994-0500
Fax: +1-561-994-8097
www.airturbinetools.com



Do not use couplings/hoses less than 1/4"/6mm internal diameter. With 250, 525X, and 3090 units use a minimum 3/8" / 9.5mm internal diameter coupling/hose. Always use a 3 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. © 2012 Air Turbine Technology, Inc. All rights reserved.



Precision Hand Tool Series

Constant High Speed and Torque • 25,000 - 90,000 rpm, <1.4 hp / 1.04 kW



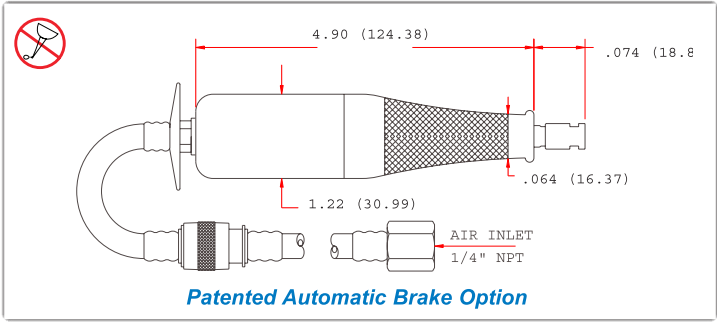
- Powerful speed governed motor with no gears: up to 1.4 hp / 1.04 kW.
- Patented light weight range. Patented automatic brake option.
- Less fatigue and injury risk. Low vibration & noise.
- High torque and power: 25,000 rpm - 90,000 rpm.
- Greater precision, finer finished surfaces. "Speed Does the Cutting".
- No gears, no vanes, low friction, no lubrication, no maintenance, no control unit.



200SV



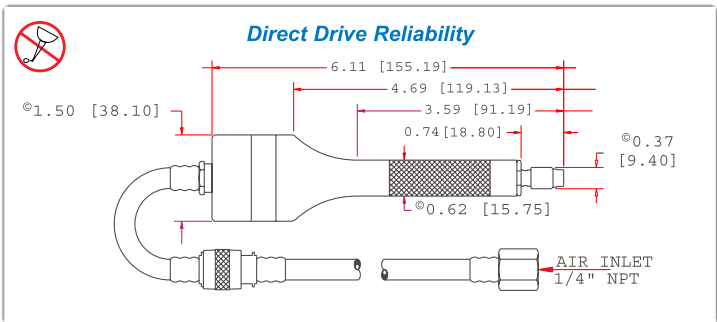
50,000 rpm
0.30 hp (0.22 kW)
5.4 oz (0.15 kg)
1/8" (3mm)



201SV



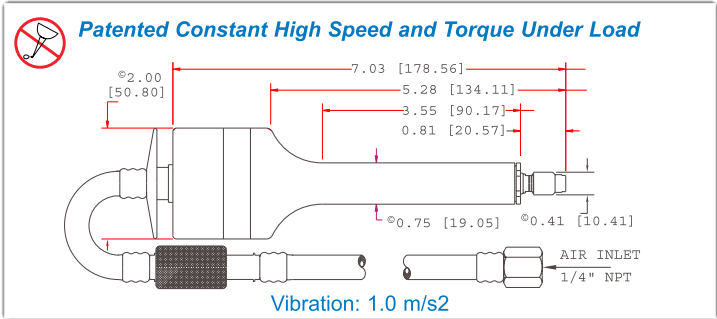
40,000 - 90,000 rpm
0.20 hp (0.15 kW)
6 oz (0.17 kg)
1/8" (3mm)



202SV



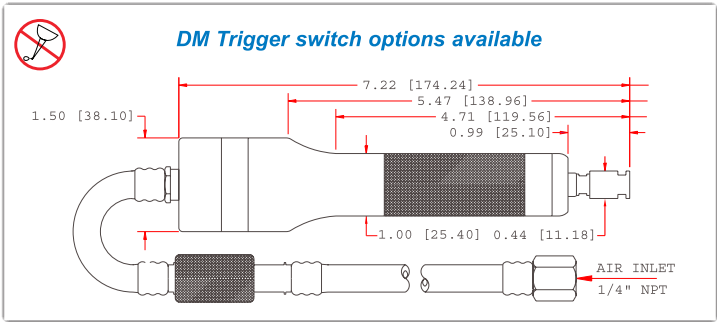
30,000 - 65,000 rpm
0.55 hp (0.41 kW)
6.8 oz (0.23 kg)
1/8" (3mm)



204SV



40,000 - 50,000 rpm
0.30 hp (0.22 kW)
5.4 oz (0.15 kg)
1/8" (3mm)



General Specifications	200SV Series	201 Series	202 Series	204 Series
Governed Speed rpm	50,000	40,000 / 50,000 / 65,000 / 90,000	30,000 / 40,000 / 50,000 / 65,000	40,000 / 50,000
Power Rating hp (kW)	0.3 (0.22)	.15 (.11) / .2 (.15) / .2 (.15) / .2 (.15)	.40 (.30) / .45 (.34) / .50 (.37) / .55 (.41)	0.15 (0.11) / 0.2 (0.15)
Inlet Air Pressure	90 PSI (6.2 Bar)	90 PSI (6.2 Bar)	90 PSI (6.2 Bar)	90 PSI (6.2 Bar)
Air Consumption Idle cfm (l/s)	4 (1.88)	3 (1.51) / 4 (1.88) / 4 (1.88) / 5 (2.36)	10 (4.72) / 13 (6.14) / 14 (6.61) / 14 (6.61)	3.2 (1.51) / 4 (1.88)
Air Consumption Working Flow cfm (l/s)	6 (2.83) - 9 (4.24)	4.8 (2.22) - 7 (3.30)	11 (5.19) - 20 (9.44)	4.7 (2.20) - 7 (3.30)
TIR Collet Held Shank	Less Than .001" (.03mm)	Less Than .001" (.03mm)	Less Than .001" (.03mm)	Less Than .001" (.03mm)
Sound Level	Less Than 67 dBA	Less Than 67 dBA	Less Than 67 dBA	Less Than 67 dBA
Max Shank Capacity	1/8" (3mm)	1/8" (3mm)	1/8" (3mm)	1/8" (3mm)

Optional collets available (Metric and Inch) - 1/8", 1/4", 5/32", 1/16", 3/32", 3mm, 4mm, 6mm, 8mm.



Why Air Turbine Tools® are different:

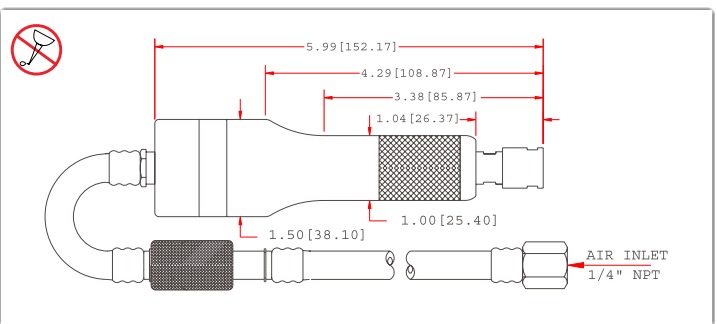
- Polishing, Finishing, Part Cleaning, Engraving, Routing, Tool & Die, Weld and Flash Removal, etc.
- 25,000 - 90,000 rpm. / 0.15 - 1.40 hp (0.11 - 1.04 kW). Constant high speed and torque under variable load.
- Powerful light weight range with low weight and ultra low vibration. Effective cutting with less fatigue.
- Constant high speed and torque under variable load.
- Totally oil-free system; grease-packed bearings.

1/4" / 6mm Collet Series

206XSV



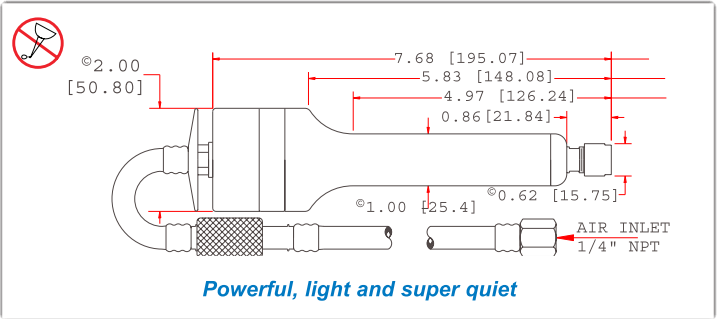
30,000 - 50,000 rpm
0.40 hp (0.30 kW)
8.2 oz (0.23 kg)
1/4" (6mm)



525SV



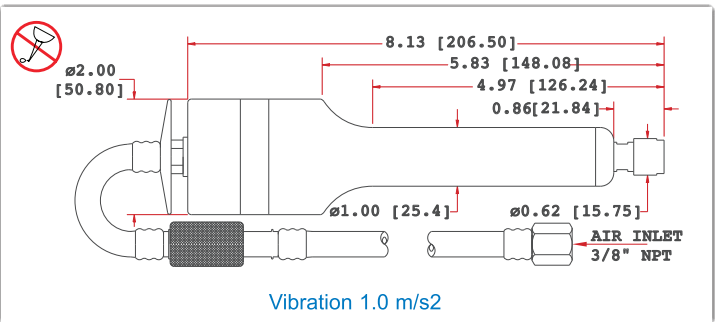
30,000 - 40,000 rpm
0.45 hp (0.34 kW)
14.5 oz (0.40 kg)
1/4" (6mm)



525XSV



30,000 - 40,000 rpm
0.90 hp (0.68 kW)
15.5 oz (0.44 kg)
1/4" (6mm)



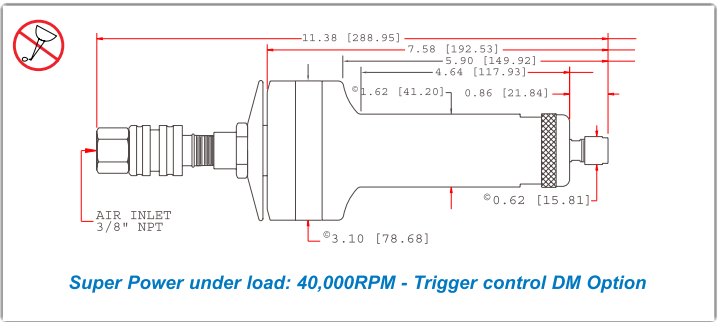
General Specifications	206X Series	525 Series	525X Series
Governed Speed rpm	30,000 / 40,000 / 50,000	30,000 / 40,000	30,000 / 40,000
Power Rating hp (kW)	.3 (.22) / .3 (.22) / .4 (.30)	.4 (.30) / .45 (.34)	.8 (.60) / .9 (.68)
Inlet Air Pressure	90 PSI (6.2 Bar)	90 PSI (6.2 Bar)	90 PSI (6.2 Bar)
Air Consumption Idle cfm (l/s)	5 (2.36) / 6 (2.83) / 6 (2.83)	10 (4.72) / 13 (6.14)	19 (8.97) / 20 (9.44)
Air Consumption Working Flow cfm (l/s)	7 (3.30) - 10 (4.27)	11 (5.19) - 20 (9.27)	22 (10.38) - 30 (14.16)
TIR Collet Held Shank	Less Than .001" (.03mm)	Less Than .001" (.03mm)	Less Than .001" (.03mm)
Sound Level	Less Than 67 dBA	Less Than 67 dBA	Less Than 67 dBA
Max Shank Capacity	1/4" / (6mm)	1/4" / (6mm)	1/4" / (6mm)

Optional collets available (Metric and Inch) - 1/8", 1/4", 5/32", 1/16", 3/32", 3mm, 4mm, 6mm, 8mm.

230SV



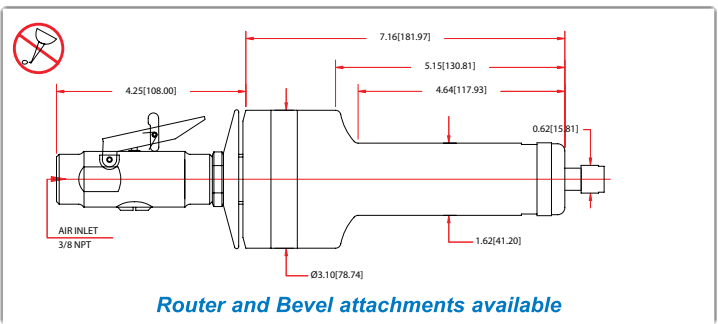
25,000 - 40,000 rpm
0.88 hp (0.66 kW)
37.3 oz (1.0 kg)
1/4" (6mm)



230XDM



25,000 - 40,000 rpm
1.4 hp (1.04 kW)
39 oz (1.07 kg)
1/4" (6mm)



Extended Series Hand Tools

Extended Series Feature:

- 2.5" extension.
- Double front bearings standard.
- Automatic brake standard.
- Patented direct drive motor provides governed high speed and torque under load.

230XSVE

25,000 & 30,000 rpm
1.30 hp (0.98 kW)
42.4 oz (1.20 kg)
1/4" (6mm)



230DME

25,000 & 30,000 rpm
0.83 hp (0.62 kW)
38.4 oz (1.09 kg)
1/4" (6mm)



525XSVE

30,000 rpm
0.80 hp (0.60 kW)
42.4 oz (1.20 kg)
1/4" (6mm)



230XDME

25,000 & 30,000 rpm
1.30 hp (0.98 kW)
42.4 oz (1.20 kg)
1/4" (6mm)



525XDME

30,000 rpm
0.80 hp (0.60 kW)
42.4 oz (1.20 kg)
1/4" (6mm)



General Specifications	230 Series	230XDM Series
Governed Speed rpm	25,000 / 30,000 / 40,000	25,000 / 30,000 / 40,000
Power Rating hp (kW)	.76 (.57) / .83 (.62) / .88 (.66)	1.2 (0.90) / 1.3 (0.98) / 1.4 (1.04)
Inlet Air Pressure	90 PSI (6.2 Bar)	90 PSI (6.2 Bar)
Air Consumption Idle cfm (l/s)	13 (6.14) / 14 (6.61) / 14 (6.61)	16 (7.55) / 17 (8.02) / 18 (8.50)
Air Consumption Working Flow cfm (l/s)	14 (6.61) - 35 (16.52)	19 (8.97) - 30 (14.16)
TIR Collet Held Shank	Less Than .001" (.03mm)	Less Than .001" (.03mm)
Sound Level	Less Than 67 dBA	Less Than 67 dBA
Max Shank Capacity	1/4" (6mm)	1/4" (6mm)

Always use a 0.3 micron filter and/or extractor where required and check specified PSI or L/S air flow (Part# 30008)