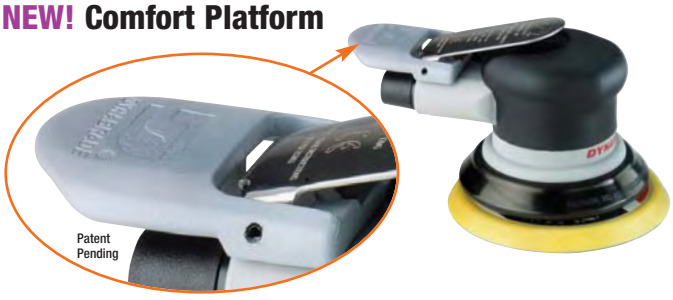
Dynorbital® Supreme

Air-Powered Random Orbital Sander

ABRASIVE CAPACITY
ABRASIVE DISCS
3-1/2" (89 mm), 5" (127 mm) and 6" (152 mm) diameter

The Tradition of Random Orbital Sanding Excellence Continues

NEW! Comfort Platform



Now included on all palm-style Dynorbital-Spirit® and Dynorbital® Supreme Random Orbital Sanders!

- New Comfort Platform provides additional hand and wrist support, further enhancing operator comfort. Also offers increased protection against cold air exhaust. (NOTE: Comfort Platform is removable.)
- Comfort Platform also included on Dynabug® II! (See page 70.)

Order 59330 Comfort Platform separately, to install on existing tools!

More Power

- All Dynorbital® Supreme models run at 12,000 RPM.
- Rotor utilizes five blades and produces more useable power. Composite rotor is stronger and has better lubricating qualities, enabling blades to last longer.

Less Vibration

- Composite base has integrated rubber over-mold creating a non-slip feel, as well as insulating from cold.
- The air motor is suspended by vibration-absorbing rubber rings (Patent No. 5,319,888) to minimize vibration.

Triple-Sealed Balancer Bearing

- Triple-sealed front double row balancer bearing (Patent No. 4,854,085) is guarded from sanding residue for long life and lower maintenance; easy replacement using 57098 Repair Kit.

Anti-Clog Vacuum Design

- Anti-clog design (Patent No. 5,319,888) enhances the vacuum pick-up on self-generated and central vacuum models. Dust particles are directed away from the air motor (reducing contamination) following a smoother, easier path of extraction.

Remember the rule of "start ON, stop OFF." Place the tool ON the work surface before starting it, and move running tool OFF the surface before stopping it. This will help to prevent unwanted swirl marks.

Model Number	Motor hp (W)	Motor RPM	Vacuum Style	Tool Dia. Inch (mm)	Dia. Orbit Inch (mm)	Sound Level	Air Flow Rate SCFM (LPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
56800	.28 (209)	12,000	Non-Vac	3-1/2 (89)	3/16" (5)	76 dB(A)	18 (510)	2.1 (1.0)	6 (152)	3-3/4 (95)
56815	.28 (209)	12,000	Non-Vac	5 (127)	3/16" (5)	78 dB(A)	18 (510)	2.1 (1.0)	6-1/2 (165)	3-5/8 (92)
56826	.28 (209)	12,000	Non-Vac	6 (152)	3/16" (5)	79 dB(A)	18 (510)	2.2 (1.0)	7 (178)	3-1/2 (89)
56840	.28 (209)	12,000	Non-Vac	3-1/2 (89)	3/32" (2)	76 dB(A)	18 (510)	2.1 (1.0)	6 (152)	3-3/4 (95)
56850	.28 (209)	12,000	Non-Vac	5 (127)	3/32" (2)	78 dB(A)	18 (510)	2.1 (1.0)	6-1/2 (165)	3-5/8 (92)
56859	.28 (209)	12,000	Non-Vac	6 (152)	3/32" (2)	79 dB(A)	18 (510)	2.2 (1.0)	7 (178)	3-1/2 (89)
56803	.28 (209)	12,000	Self-Gen	3-1/2 (89)	3/16" (5)	83 dB(A)	18 (510)	2.1 (1.0)	8-1/4 (210)	3-3/4 (95)
56818	.28 (209)	12,000	Self-Gen	5 (127)	3/16" (5)	81 dB(A)	18 (510)	2.1 (1.0)	8-1/2 (216)	3-5/8 (92)
56829	.28 (209)	12,000	Self-Gen	6 (152)	3/16" (5)	79 dB(A)	18 (510)	2.2 (1.0)	9 (229)	3-1/2 (89)
56843	.28 (209)	12,000	Self-Gen	3-1/2 (89)	3/32" (2)	83 dB(A)	18 (510)	2.1 (1.0)	8-1/4 (210)	3-3/4 (95)
56853	.28 (209)	12,000	Self-Gen	5 (127)	3/32" (2)	81 dB(A)	18 (510)	2.1 (1.0)	8-1/2 (216)	3-5/8 (92)
56862	.28 (209)	12,000	Self-Gen	6 (152)	3/32" (2)	79 dB(A)	18 (510)	2.2 (1.0)	9 (229)	3-1/2 (89)
56804	.28 (209)	12,000	Central	3-1/2 (89)	3/16" (5)	76 dB(A)	18 (510)	2.1 (1.0)	7 (178)	3-3/4 (95)
56819	.28 (209)	12,000	Central	5 (127)	3/16" (5)	78 dB(A)	18 (510)	2.2 (1.0)	7-1/4 (184)	3-5/8 (92)
56830	.28 (209)	12,000	Central	6 (152)	3/16" (5)	79 dB(A)	18 (510)	2.2 (1.0)	7-3/4 (197)	3-1/2 (89)
56844	.28 (209)	12,000	Central	3-1/2 (89)	3/32" (2)	76 dB(A)	18 (510)	2.1 (1.0)	7 (178)	3-3/4 (95)
56854	.28 (209)	12,000	Central	5 (127)	3/32" (2)	78 dB(A)	18 (510)	2.2 (1.0)	7-1/4 (184)	3-5/8 (92)
56863	.28 (209)	12,000	Central	6 (152)	3/32" (2)	79 dB(A)	18 (510)	2.2 (1.0)	7-3/4 (197)	3-1/2 (89)

Additional Specifications for All Models: Air Inlet Thread 1/4" NPT • Hose I.D. Size 1/4" (6 mm) • Thread 5/16"-24 Female • Air Pressure 90 PSIG (6.2 Bar)

Tune-Up Kit: No. 96024 (page 192)

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Non-Vacuum

- Includes low profile, premium urethane weight-mated sanding pad.
- Optional vacuum conversion kits available, to easily convert non-vacuum tool to self-generated vacuum tool or central vacuum tool (see page 155).

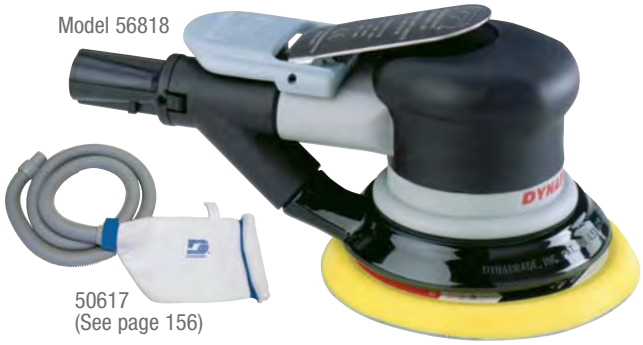
Pad Diameter Inch (mm)	3/16" Orbit Models	3/32" Orbit Models
3-1/2" (89 mm)	56800	56840
5" (127 mm)	56815	56850
6" (152 mm)	56826	56859

See page 164 for Dynabrade High Quality Sanding Pads!

Self-Generated Vacuum

- Includes low profile, premium urethane weight-mated sanding pad.
- Ready for connection to optional portable self-contained dust collection system (50617 shown; see page 156).

Pad Diameter Inch (mm)	3/16" Orbit Models	3/32" Orbit Models
3-1/2" (89 mm)	56803	56843
5" (127 mm)	56818	56853
6" 152 mm)	56829	56862



Central Vacuum

- Includes low profile, premium urethane weight-mated sanding pad.
- Has 1" outside diameter vacuum port, for easy connection to central vacuum system.

Pad Diameter Inch (mm)	3/16" Orbit Models	3/32" Orbit Models
3-1/2" (89 mm)	56804	56844
5" (127 mm)	56819	56854
6" (152 mm)	56830	56863

3/16" (5 mm) Dia. Orbit
For General Sanding

3/32" (2.5 mm) Dia. Orbit
For Ultra-Fine Sanding

For efficient random orbital sanding and uniform finish, move the tool in "north-to-south" pattern, then change to "east-to-west" pattern. Be sure to sand complete surface in each pattern.

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