

## Replacement Filler Metering Hopper Ball Vibrators

**Application:** For use as a replacement filler metering hoppers select Gruber products, including Autocaster™ continuous casting systems, Batchmaster™ automated metering system, and Groundhopper™ metering and dispensing systems.

Model	Order No.	Product use:
ABF10	0832116	Replacement filler metering hopper vibrator used on all Gruber <a href="#">Autocaster™ continuous casting systems</a> and <a href="#">Batchmaster™ automated metering systems</a> .
ABF13	0831323	Replacement filler metering hopper vibrator used on all Gruber <a href="#">Ground Hopper™ bulk filler handling system</a> .
ABF19	0832119	

### Features:

- One moving part - chrome steel ball on hardened steel race.
- Continuous duty
- Highest ratio of force to physical weight in the industry.
- Tapped exhaust
- O-ring sealed
- One year limited warranty.

**Note:** Muffler must be ordered separately.



### ABF10

Replacement filler metering hopper vibrator for use with Gruber [Autocaster™ continuous casting systems](#) and [Batchmaster™ automated metering systems](#).

**Note:** Muffler (shown in foreground) is NOT included with Vibrator.

Air Operated Ball Vibrator (ABF-10) - #0832116

### ABF13

Replacement filler metering hopper vibrator for use with Gruber [Groundhopper™ metering and dispensing systems](#).

**Note:** Muffler is NOT included with Vibrator.

Air Operated Ball Vibrator (ABF-13) - #0831323

### ABF19

Replacement filler metering hopper vibrator for use with Gruber

**Note:** Muffler is NOT included with Vibrator.

Air Operated Ball Vibrator (ABF-19) - #0832119

Model Number	PSI Required to Start		SPEED, FORCE AND CFM AT PSI								
	Vert	Horz	20 PSI			60 PSI			100 PSI		
			Speed RPM	Force Lbs	CFM	Speed RPM	Force Lbs	CFM	Speed RPM	Force Lbs	CFM
ABF10	20	12	9500	8	2.8	15500	20	6	19200	31	9.2
ABF13											
ABF19											

**Product Upgrades and Repairs:**

**Replacement Parts**

The following parts are available for this vibrator, but are special order, and subject to additional lead times:

- Housing
- Repair Kit
- Ball
- Race
- "O" Ring
- End Cap
- Snap Ring
- Muffler (one is included with a new vibrator)

**Accessories:**

The following accessories are available for this vibrator, but are special order, and subject to additional lead times:

- Bolt Kit
- Ball Valve
- Filter/Regulator/Lubricator
- Solenoid
- Fitting Kit
- Hose
- Timer