# Installation, Operating and Maintenance Instructions <u>Supplement</u>

10/2.5.1.C Rev. 1

# **AEROFLOW SUPPLEMENT**

## **Special Balanced Mini-P**

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#### INSTALLATION

#### **CAUTION!**

All warnings from valve IOM must be followed.

NOTE: Refer to Fig. 1 for installation.

- 1. Install seat gasket (504) into valve body (306).
- 2. Install cage liner (505), seat/liner gasket (506), seat (503) and body gasket (305) into valve body (306).
- 3. Install plug seal and backup ring (507) into seat (503). The plug seal and backup ring (507) consist of 3 pieces. The think metal ring goes in the ID of the seal (to prevent collapse of the seal spring.) Use an o-ring

lubricant to prevent damaging the seal during installation.

- 4. Slide the valve plug (502) into the valve seat (503) slowly to not damage the plug seal and backup ring (507).
- 5. Install the seal load ring (508).
- 6. Complete the bonnet (302) installation as stated in the valve IOM.

#### **MAINTENANCE**

- 1. During routine maintenance the plug seal and backup ring (507) need to be inspected for wear and replaced as needed.
- 2. The valve IOM should be followed for all operating and maintenance procedures.

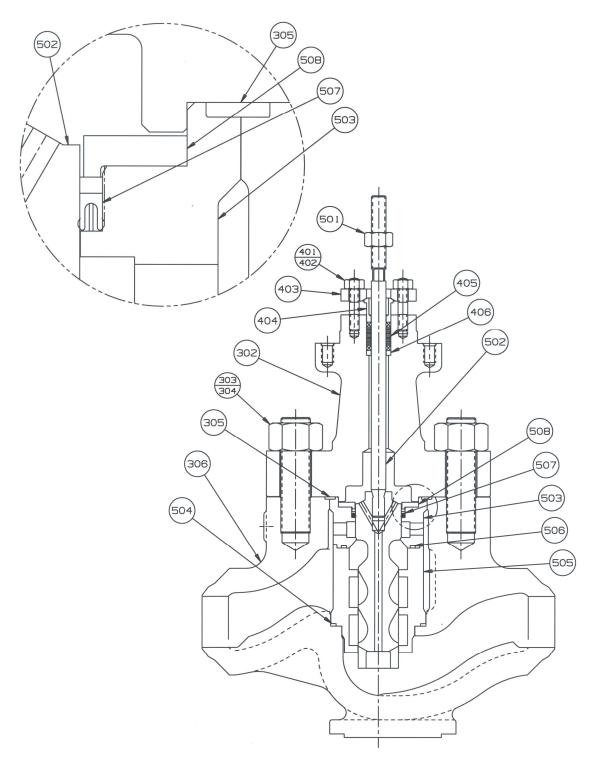


Figure 1 - Balanced Mini-P