

Technical News Bulletin

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NNPB PLUNGER POSITIONER FOR DG 5 $\frac{1}{2}$ " & DG 6 $\frac{1}{4}$ "

Introduction

A new NNPB Plunger Positioner has been designed as a replacement for the previous positioner 62-404 Gr. 5 used in DG 5 $\frac{1}{2}$ " and DG 6 $\frac{1}{4}$ " operations. The new positioner permits full utilization of the 7 $\frac{1}{2}$ " nominal working stroke of the Quick-Change Plunger Mechanisms and yields greater flexibility in parison design parameters.

Design Features

The new NNPB Plunger Positioner 62-404 Gr. 9 (**Fig. 1**) exhibits several design features such as:

- Reduced "kick-back" for optimum plunger loading position and increased plunger length.
- Single piece sleeve guide ring with extended bore length for precise centering sleeve guidance. Prevents sleeve jamming in the Down position.
- Sleeve guide ring provided with studs for bayonet type retainer for locking the centering sleeve in the Down position for plunger exchange when a split ring attachment is used.
- Hexagon head mounting screws for easier positioner assembly or disassembly.

Application

The new positioner is designed for Quick-Change Plunger Mechanisms with a 7 $\frac{1}{2}$ " nominal working stroke. The adjustment range is identical to that of the previous positioner. The maximum invert height which can be utilized is 79 mm for both DG 5 $\frac{1}{2}$ " and DG 6 $\frac{1}{4}$ " operations, assuming a 67 mm high neck ring. The mold equipment for the new positioner is the same as that used for the previous positioner and requires no modification.

Availability

The new NNPB Plunger Positioner 62-404 Gr. 9 will be available by August 1996 and replaces Positioner 62-404 Gr. 5 which will be phased out of our manufacturing program. Individual parts for this positioner will continue to be supplied as spare parts.

1. Bayonet Stud
2. Sleeve Guide Ring
3. Mounting Screw
4. Centering Sleeve
5. Spacer
6. Compression Spring
7. Spring Retainer

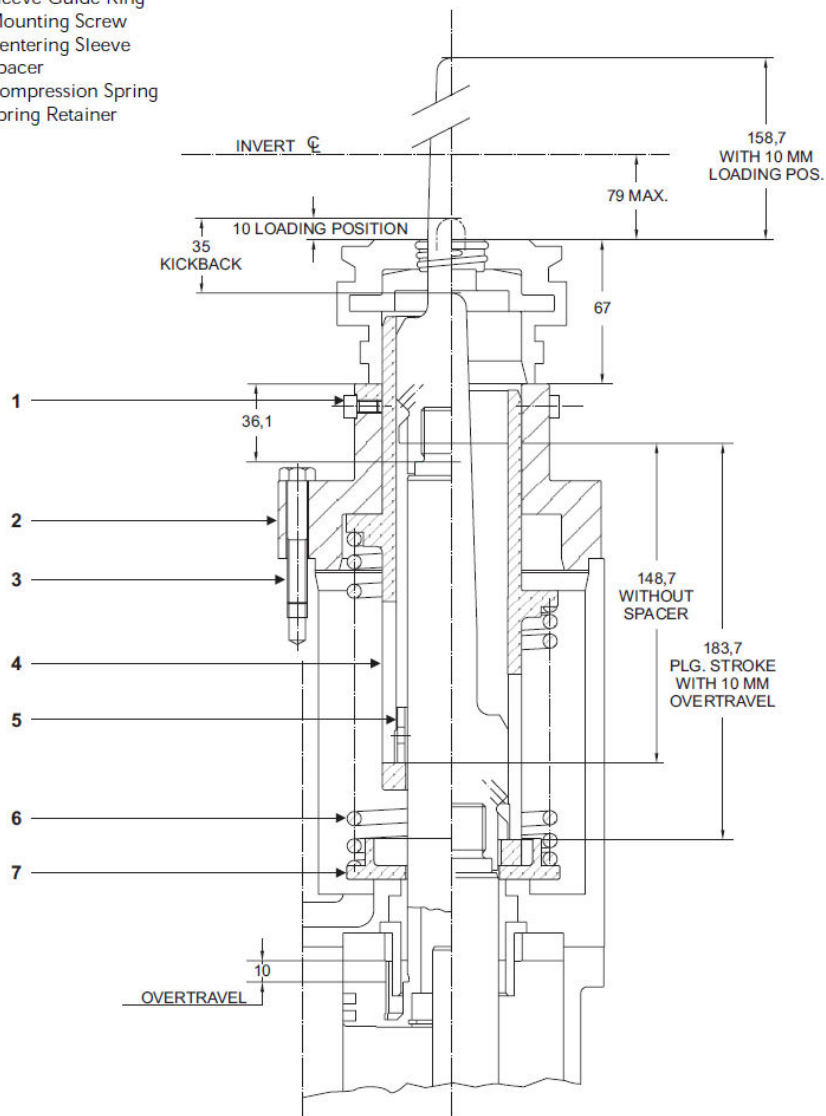


Fig. 1: NNPB Plunger Positioner 62-404 Gr. 9