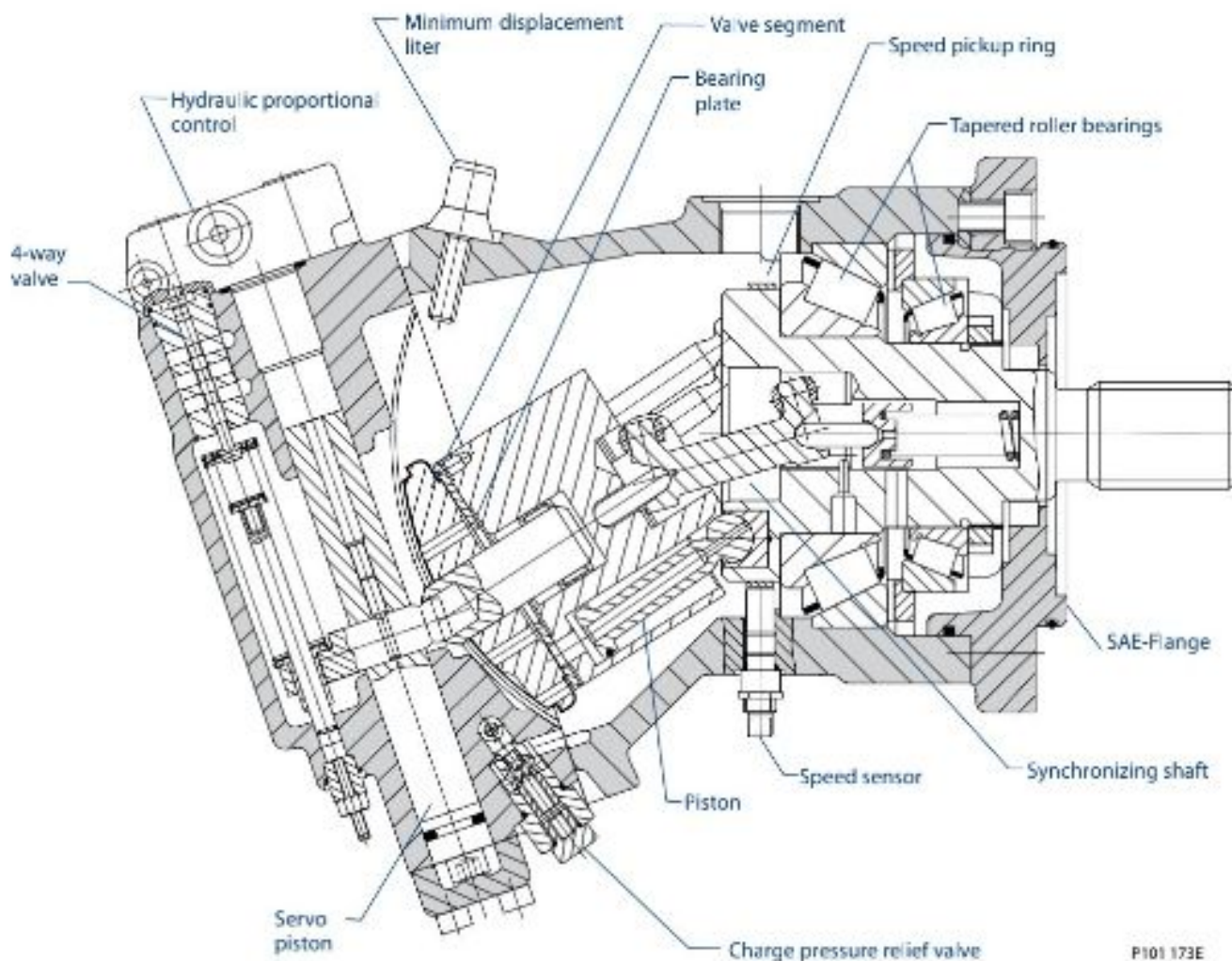


## Introduction

The 4-way spool valve shifts the servo supply pressure to change the motor displacement. The servo supply pressure can be external or internal.

*Series 51 motor cross section*



## Series 51-1 motors

Series 51-1 motors feature simplified end cap and control components. The servo piston in the Series 51-1 has a differential area of 2 to 1. The connecting joint is designed to decrease the overall length of the motor.

The Series 51-1 control feeds servo pressure directly to the servo piston. Low system loop pressure for two-position controls, and high system loop pressure for pressure compensating controls actuates the servo piston.

Rotating hardware and housing components are common between Series 51 and Series 51-1.