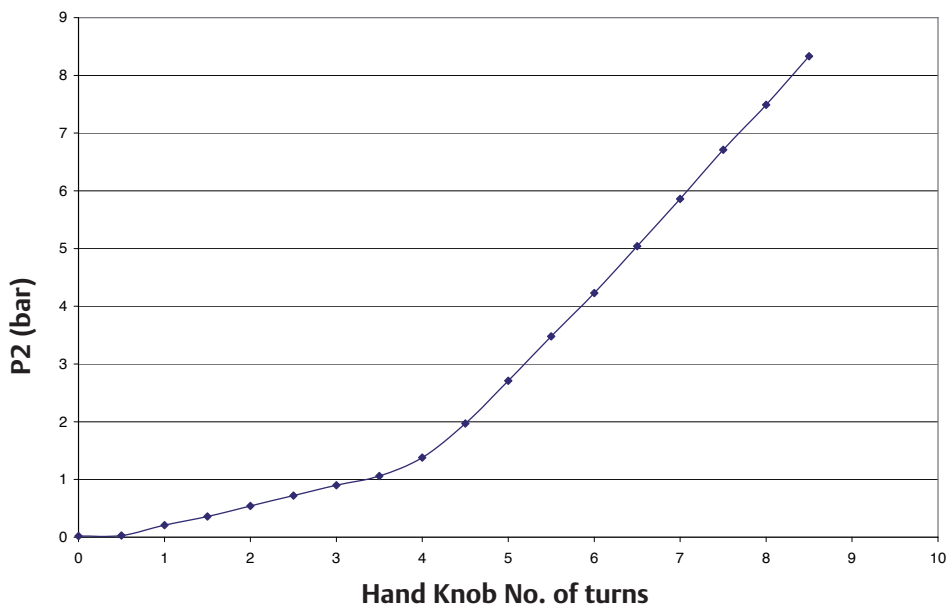


Tescom Regulators with progressive Revolution

“Dual Spring” Patent Pending



- Higher flow capacity up to 50 % at low pressure
- Improved sensitivity at low pressure
- Helps to reduce inventory
- One pressure range fits most applications

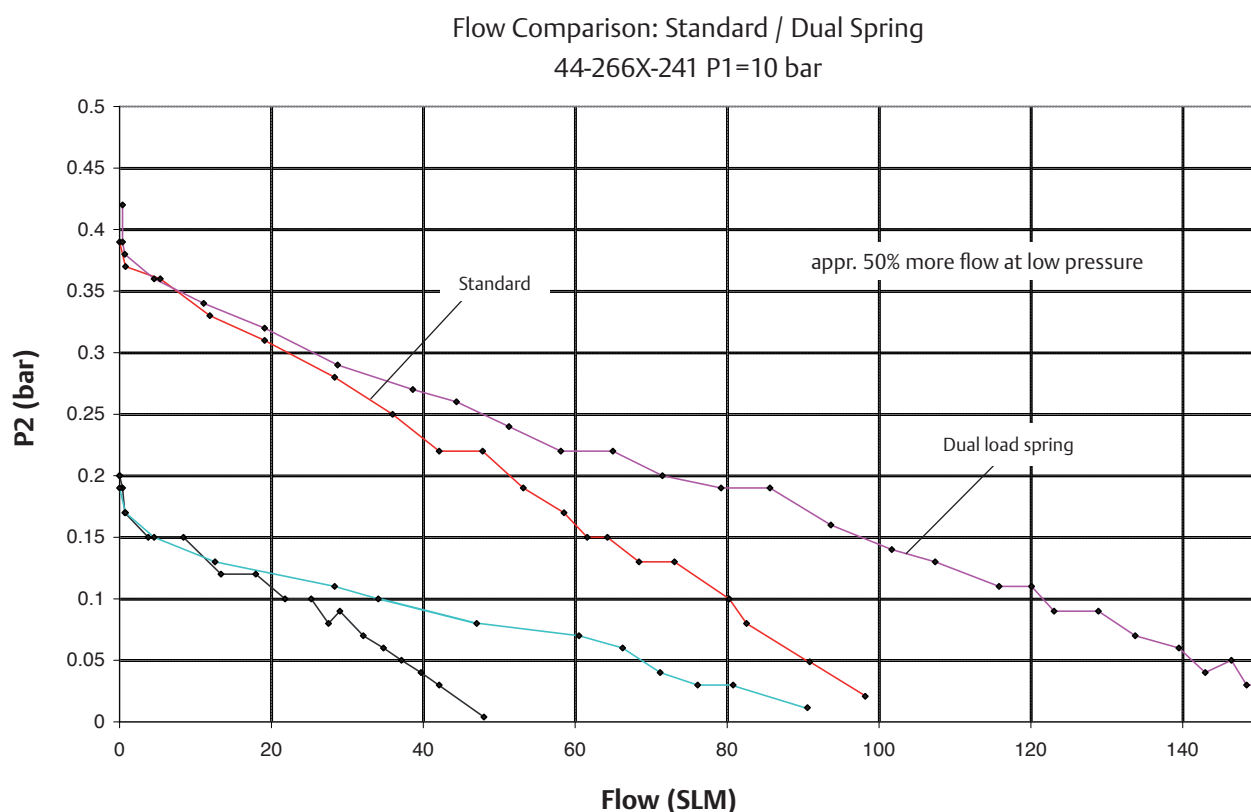


The purpose of the Tescom Dual Spring regulator is to ensure the best accuracy of outlet pressure across the complete pressure range.

The sensitivity of conventional mechanical pressure regulators depends on the maximum outlet pressure. If a total pressure range up to 7 bar is required, the accuracy and flow capacity at low outlet pressure (e. g. $p_2 < 1$ bar) is limited.

The Tescom Dual Spring regulator is available with most standard spring loaded regulators. The loading mechanism inside the bonnet consists of two combined load springs. Each spring is designed to optimize the performance for low pressure and high pressure applications:

Compared to conventional models the flow rate at lower P_2 is improved up to 50 %.



Please contact your local Tescom representative to find out if the Dual Spring regulator can improve your regulator performance or reduce inventory cost.