

BKG[®] HyFlex[™] 3/3-Way Valves

Function

Depending upon the position of the valve the polymer can be directed through different inlets and outlets to guide the melt into the appropriate flow channels

Processes

Switching between two production processes
(e.g. switching of two large area filters)

Features

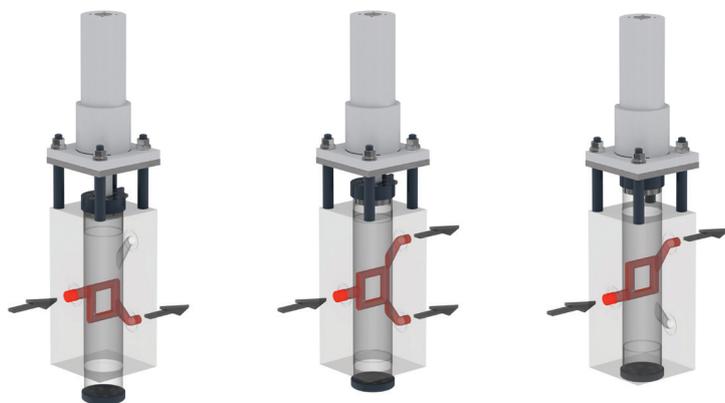
- Optimized flow channels utilizing rheological data
- Wear-free metallic sealing system - no additional seal required
- Easily integrated into the line controls
- Highly customized solutions available
- Proven piston type design

Benefits

- Elimination of dead spaces prohibits the polymer from degrading and causing product defects
- No pressure variations in the process enhances the overall product quality and product consistency
- No air can enter the process

Functional principal

The following example shows that the melt may be guided into one of the two of the outlet channels or both of the channels. Switching between the two outlet channels is done without air being trapped in the system.



Possible diverter positions



Nordson BKG GmbH
Hessenweg 3-5
48157 Münster / Germany
Phone +49.251.26501.0

USA
Phone +1.828.326.9888

China
Phone +86.21.5785.091.8

Japan
Phone +81.3.5762.2770



nordsonpolymerprocessing.com | info@nordsonpolymerprocessing.com

© 2021 Nordson BKG GmbH
Printed in USA
04/2021

BKG is a trademark of Nordson Corporation,
registered in the United States and other countries.