

Technical Bulletin

Norit Südmo SVP Select Holding Pressures

Summary

The Norit Südmo SVP Select single seat valve has been redesigned to incorporate many important features. One attribute of particular interest is the increased product holding pressure with a standard sized actuator. The chart below illustrates the superior performance of the Norit Südmo SVP Select valve compared to the competition. (Competitor's data taken from published brochures.)

Methodology

Pressure applied to lower port, flow direction up, with air-to-open, spring-to-close actuator. Holding pressure is based on resistance of actuator spring only without air assist or booster. *Note that pressures listed are a tested average and not a guarantee of performance under all operating conditions.*

	Südmo SVP Select Standard Actuator	Alfa Laval SRC Type 20 Actuator	Tri-Clover Series 361 Type 220 Actuator	Tri-Clover Series 761 Type 20 Actuator
Size	Psig	Psig	Psig	Psig
1"	261	-	100	105
1.5"	180	100	150	140
2"	117	58	88	90
2.5"	104	36	48	55
3"	104	72	39	40
4"	99	50	N/A	65

	Südmo SVP Select Standard Actuator	WCB Series W61/W81 4" Actuator	WCB Series W61/W81 5" Actuator	WCB Series W61/W81 6" Light Actuator
Size	Psig	Psig	Psig	Psig
1"	261	160	251	347
1.5"	180	125	220	317
2"	117	70	124	178
2.5"	104	45	79	114
3"	104	31	55	79
4"	99	18	31	45

Norit Südmo Advantages

Modular Design • Multitude of Housing Choices • Variety of Sealing Elastomers Available (EPDM, HNBR, FPM, PEEK*)
Superior Holding Pressures (* Note: Use of PEEK lowers holding pressures as listed above)

For more information please contact Südmo North America, Inc at 815-639-0322 or your local Authorized Distributor.

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SVP Select

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