

MODEL 80XLDI

3" & 4" SERIES

SUBMERSIBLE PUMP CONTROL VALVES

Model 80XLDI has been **designed** for well water pump systems, public water systems, and irrigation/sprinkler systems **to help minimize flow losses and hydraulic shocks in the pumping system.**

Its unique **hydraulic custom-molded Buna-N rubber** sealing surface is supported by a mechanical back-up which **maximizes the check valve service life.** Model 80XLDI ductile iron body is stronger than bronze or stainless steel designs, which helps **support submersible pumps set deep in a well water casing.**

- **STRONG and COMPACT DESIGN**

The strong, ductile iron body features extra-long threads and can withstand a maximum of 600 PSI. Its compact design makes it ideal for fit in reduced well water casings.

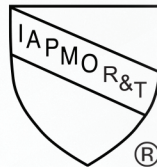
- **ANTI-SPIN POPPET**

The "Anti-Spin" spring-loaded poppet system is guided in a generous seat bore. The poppet system ensures that the valve automatically closes tight and noiseless after each pumping cycle.

- **SELF-CLEANING**

The radius seat allows a self-cleaning "one point swiping action" by the rubber sealing disc during each valve closing cycle.

LEAD FREE



ADDITIONAL FEATURES

- Extra long female threads (8-round optional)
- Un-lead construction
- Optional Break-Off Plug
- External lugs for easy wrenching
- Lead-Free Construction and NSF Approved Epoxy Coating



MODEL 80XLDI PRODUCT SPECIFICATIONS

PRODUCT SPECIFICATION

- Connection: 3" or 4" (Optional 8 Round Thread Type Available)
- Max Pressure: 600 PSI (41.4 bar)
- Max Temperature: 180° F (80°C)

PRODUCT CONNECTION OPTIONS

- With Optional Stainless Poppet
- SS-Break-off plug: 1/2" Add "PLG" to part number or 3/8" PPLG for a break-off plug in a composite material

PRODUCT WARRANTY

- Flomatic standard one year valve product warranty applies. See price list for warranty information

Size		Part#	A		B		Weight	
Inch	mm		Inch	mm	Inch	mm	Lbs	Kg
3	75	7938XL	4 - 1/4"	108	9 - 1/64"	229	12	5.5
4	100	7939XL	5 - 1/2"	140	11 - 1/2"	292	20	9.1

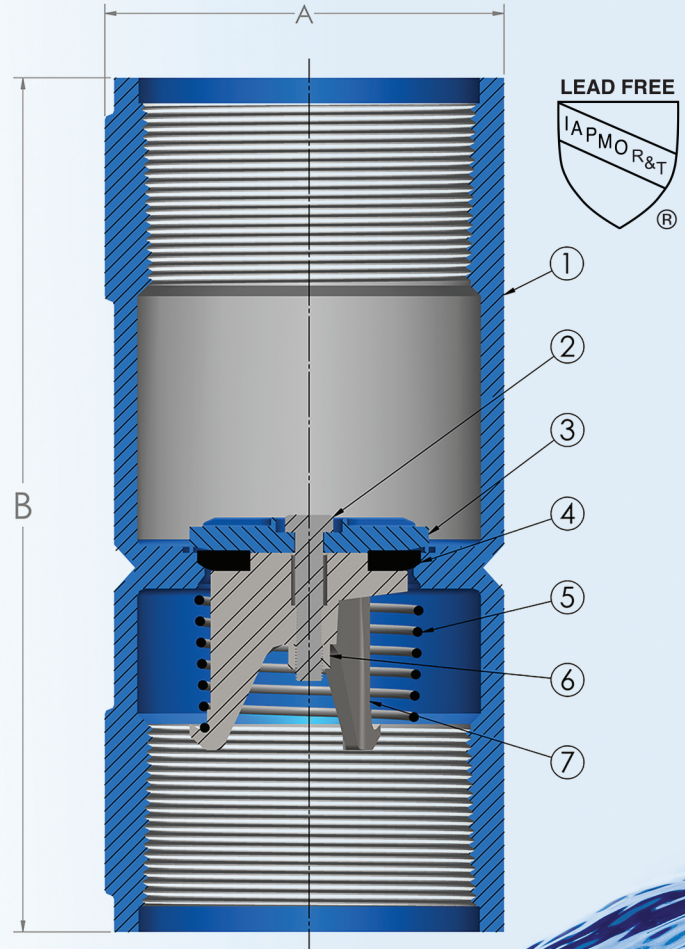


- Extra Long Threads with **Lead-In**
- **Body Lugs** for better gripping
- **600 PSI** Body Rating
- **Lead-Free Construction** and NSF/ANSI 61 Epoxy Coating

CONSTRUCTION MATERIALS

Item #	Qty	Description	Material	ASTM
1	1	Body (Epoxy Coated)	Ductile Iron	65-45-12
2	1	Bolt	Stainless Steel	304
3	1	Dome (Epoxy Coated)	Ductile Iron	65-45-12
4	1	Rubber Disc	Buna-N	N-5007
5	1	Spring	Stainless Steel	302
6	1	Nut	Stainless Steel	304
7	1	Guide (Epoxy Coated)	Ductile Iron	65-45-12

PRESSURE MAX - 600 PSI TEMP MAX - 180°F SIZES 3" & 4"



ISO
9001

ISO
14001