

**SPECIFICATIONS**

**PSI/Temperature Rating:** 600 WOG, 400 PSI / 250° F  
**Cartridge:** AISI Type 304 stainless steel  
 AISI Type 17-7PH stainless steel spring (Optional Monel)  
**Body Material:** Cast Bronze ASTM B62  
**End Connections:** Sweat with brazing ring (MIL-F-1183)  
**Ball Valve Seals:** Teflon  
**Union Seal:** EPDM O-Ring  
**Testing and Certification:** Valve passed U.S. Navy MIL-S 901D and MIL-STD-167 testing

**DIMENSIONS & WEIGHTS (NOMINAL)**

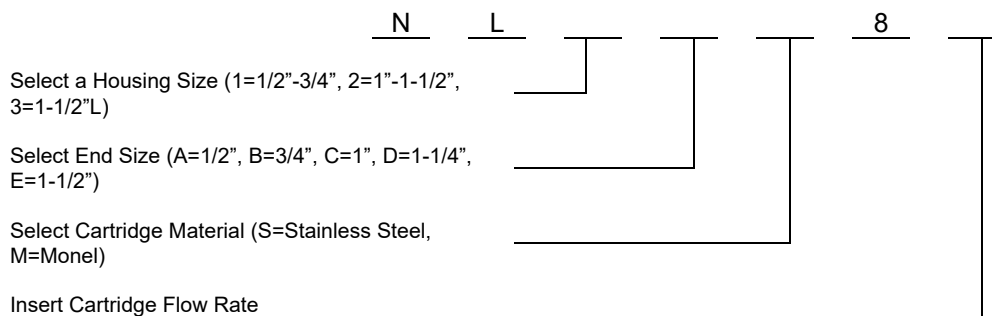
All dimensions are for planning purposes only and may change without notice.

HOUSING SIZE	HOUSING LENGTH	OVERALL LENGTH	HEIGHT	DEPTH	Cv <sup>1</sup>	WEIGHT (LBS.)
1/2" -3/4"	2.4	4.1	1.9	1.9	18	1.5
1" - 1-1/4"	5.3	7.6	3.0	3.0	52	5.1
1-1/2"	6.7	9.8	3.8	3.8	52	9.9
1-1/2"L	8.9	12.0	3.8	3.8	114	10.9

**FLOW RATES (+/-5%)**

MODEL NO.	HOUSING SIZE	HEAD LOSS IN FEET <sup>2</sup>	PSID RANGE	GPM
NL1 8	1/2" -3/4"	30.0	13-128	1.10, 1.50, 2.00, 3.00, 4.00, 5.00, 6.00, 7.00, 8.00, 10.0, 12.0, 14.0, 16.0
NL2 8	1" - 1-1/2"	30.0	13-128	16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0, 40.0, 42.0, 44.0
NL3 8	1-1/2"L	30.0	13-128	36.0, 42.0, 48.0, 54.0, 60.0, 66.0, 72.0, 78.0, 84.0, 90.0, 96.0, 102, 108, 114

**MODEL NUMBER SELECTION<sup>3</sup>**



**NOTES**

<sup>1</sup> Cv's are based on housing without the cartridge.  
<sup>2</sup> Head Loss in Feet is provided for pump head calculations. (1 PSI = 2.307 Feet of Water)  
<sup>3</sup> Model no. and flow rate are indicated on label affixed to body.