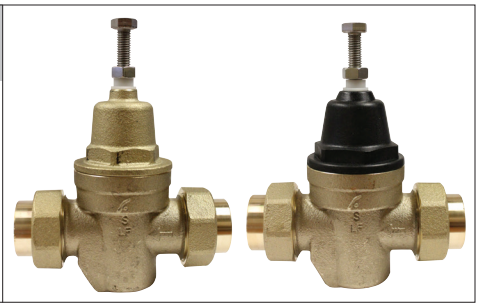
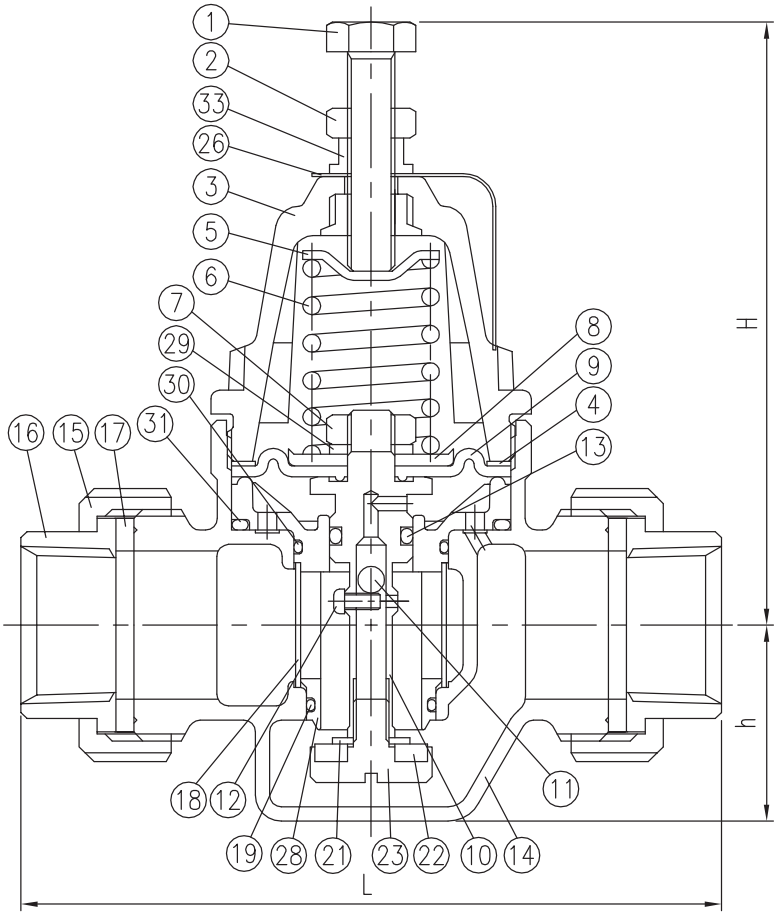
SUBMITTAL DATA SHEET

No-Lead Pressure Reducing Valves
72602T & 72602TPC

FNPT x FNPT



A.Y. McDonald No-Lead compact Water Pressure Reducing Valves are designed to protect a water supply system and its components by reducing water pressure to a reasonable and safe level. With their versatility of installation and many design features, the A.Y. McDonald Water Pressure Reducing Valves can be used for numerous water system applications.



Materials

No.	Part	Material
1	Adjustment Bolt	Stainless Steel
2	Lock Nut	Stainless Steel
3	Bonnet	Brass or Plastic
4	Friction Ring	Stainless Steel
5	Spring Disc	Stainless Steel
6	Spring	Stainless Steel
7	Diaphragm Nut	Stainless Steel
8	Diaphragm Disc	Stainless Steel
9	Diaphragm	NBR & Nylong
10	Stem	ASTM C46400
11	Rubber Ball	NBR
12	Rubber Ball Screw	Stainless Steel
13	Stem O-ring	NBR
14	Body	No-Lead Brass
15	Union Nut	Brass
16	Union	No-Lead Brass
17	Union Packing	NBR
18	Strainer	Stainless Steel
19	Seat O-ring	NBR
21	Plunger Washer	No-Lead Brass
22	Plunger Packing	NBR
23	Plunger	No-Lead Brass
26	Name Plate	ALuminum
28	Sleeve	PC Plastic
29	Spring Washer	Stainless Steel
30	Sleeve O-ring	NBR
31	Sleeve Upper O-ring	NBR
33	Plastic Ring	POM (only for plastic bonnet)

Dimensions

Size	L	H	h	Size	L	H	h
1/2”	4.65”	3.94”	1.30”	1 1/4”	5.79”	7.44	1.22
3/4”	4.65”	3.94”	1.30”	1 1/2”	5.98	7.44	1.42
1”	5.35”	3.94”	1.34”	2”	6.29	7.44	1.65

SUBMITTAL INFORMATION

- Size: 1/2”, 3/4”, 1”, 1 1/4”, 1 1/2”, & 2”
- Factory preset at 50 PSI outlet pressure
- Adjustable outlet pressure range: 25 to 75 PSI
- Installed vertically or horizontally
- Equipped with an Thermal Expansion Bypass
- Integral strainer
- Cold Working Pressure (CWP) - 300 PSI
- Maximum Service Temperature - 180°F
- ASSE Standard 1003 (ANSI A112.26.2)
- ANSI/NSF 372
- ANSI/NSF61G
- CSA Standard B356

NO-LEAD: The weighted average of the wetted surface of this no-lead product contacted by consumable water contains less than one quarter of one percent (0.25%) lead.

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A.Y. McDonald considers the information on this assembly drawing correct when published. Item and option availability, including specifications, are subject to change without notice.

Submitted by: