

STEM EXTENSION KIT FOR FIGURE 340(N) & 350(N) BALL VALVE

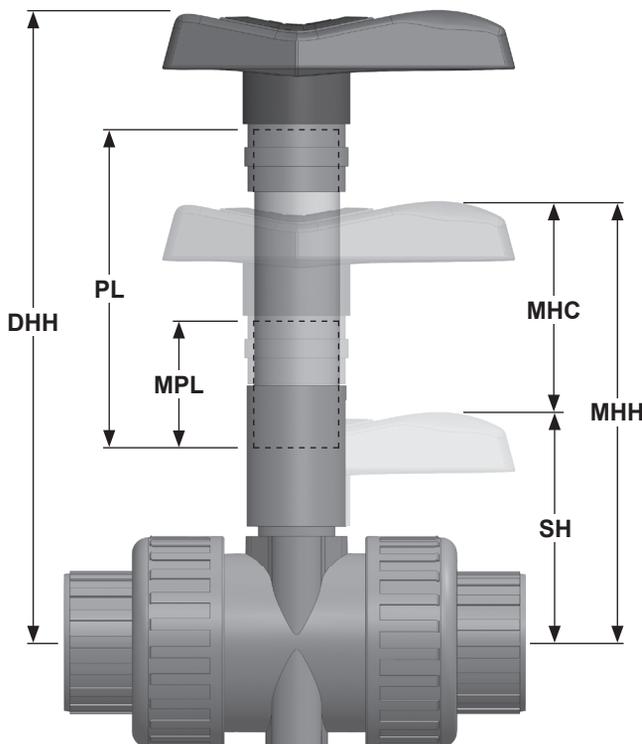
Features:

- Simple Two-Piece Design
- Uses Valve's Existing Handle (sold separately) & PVC Schedule 80 Pipe (by others)
- Sizes Available for All FNW Thermoplastic Ball Valves (Figure 340, 340N, 340F, 340NF, 350, & 350N)
- Corrosion Resistant PVC Material
- Kit Contains 1 Handle Adapter & 1 Stem Adapter

Extension Length Table:

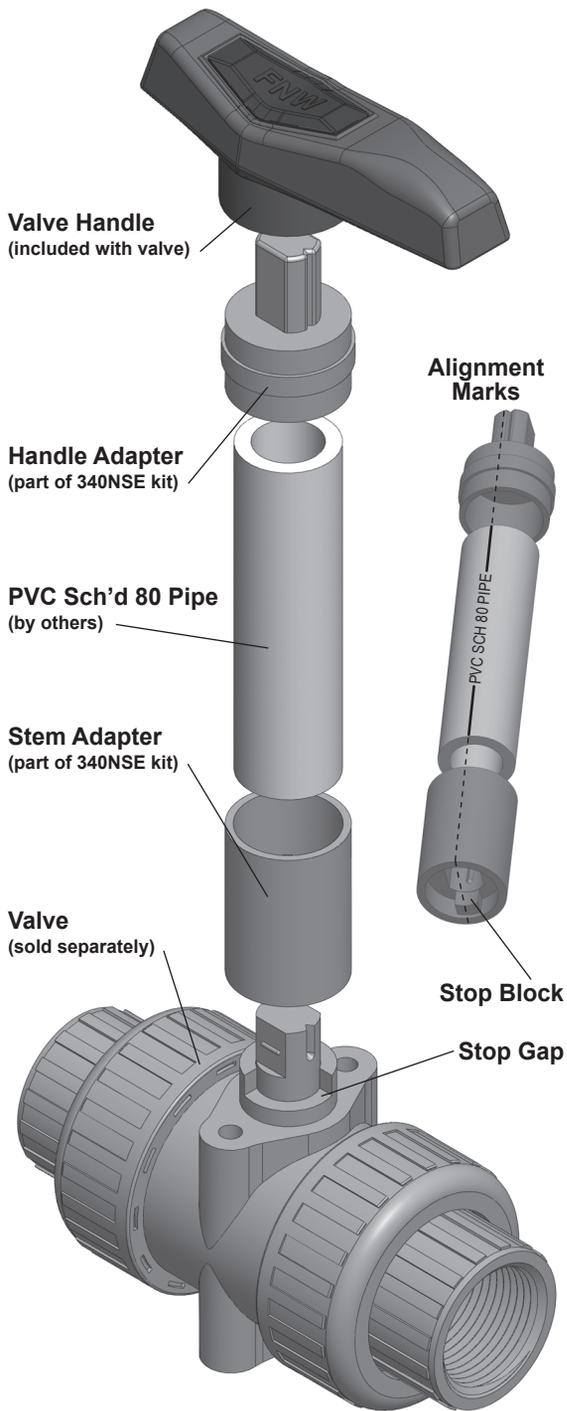
Since the figure 340NSE uses PVC schedule 80 pipe between the kits two adapter pieces, any Desired Handle Height (DHH) between minimum and maximum can be achieved. Minimum heights are indicated in the table. Maximum recommended handle height is 48 inches. To determine the Pipe Length (PL) needed to achieve the Desired Handle Height (DHH), deduct the (SUBTRACT) value in the table from the Desired Handle Height, or...

PL = DHH - SUBTRACT



Valve Size	PVC Schedule 80 Pipe Diameter	(MPL)	(MHH)	(MHC)	(SUBTRACT)
		Minimum Pipe Length	Minimum Handle Height from (MPL)	Minimum Height Change from Standard Height (SH)	Amount to Subtract from Desired Handle Height (DHH) for needed Pipe Length (PL)
FRACTION (Inches)					
1/2	3/4	1-1/2	4-1/16	2-1/4	2-5/8
3/4		1-1/2	4-9/16	2-3/8	3-1/8
1		1-1/2	5-3/8	2-9/16	3-7/8
1-1/4	1	1-5/8	5-5/8	2-11/16	4
1-1/2		1-5/8	6-5/8	2-7/8	5
2		1-5/8	7-1/2	3	5-7/8
2-1/2		1-5/8	7-3/4	3-3/16	6-1/8
3	1-1/2	1-5/8	8-3/8	3-1/4	6-7/8
4		2-1/4	11-3/8	4-3/8	9-3/16
DECIMAL (Inches)					
1/2	3/4	1.500	4.063	2.250	2.625
3/4		1.500	4.563	2.325	3.125
1		1.500	5.375	2.563	3.875
1-1/4	1	1.625	5.625	2.688	4.000
1-1/2		1.625	6.625	2.875	5.000
2		1.625	7.500	3.000	5.875
2-1/2		1.625	7.750	3.188	6.125
3	1-1/2	1.625	8.375	3.250	6.875
4		2.250	11.375	4.375	9.188

STEM EXTENSION KIT FOR FIGURE 340(N) & 350(N) BALL VALVE



Part Numbers

Valve Size	Part Number
1/2"	FNW340NSED
3/4"	FNW340NSEF
1"	FNW340NSEG
1-1/4"	FNW340NSEH
1-1/2"	FNW340NSEJ
2"	FNW340NSEK
2-1/2"	FNW340NSEL
3"	FNW340NSEM
4"	FNW340NSEP

Installation Requirements

- Correct Size Figure 340NSE Stem Extension Kit
- Tools for Cutting PVC Schedule 80 Pipe (Recommend Saw & Miter Box or Wheel-Type Cutter)
- PVC Primer & Solvent Cement
- Length of PVC Schedule 80 Pipe (See Chart for Determining Needed Length for Desired Handle Height)
- Marker
- Ruler

Installation Procedure

1. Select the proper diameter of PVC schedule 80 pipe.
2. From the Extension Length Table, determine the needed length of pipe for the desired handle height and then mark the length of pipe needed.
3. Using a saw and miter box, or a wheel-type cutter, cut the pipe to length. The pipe must be cut square.
4. To ensure a clean fit, bevel and de-burr the pipe ends.
5. Using a ruler and marker, draw an alignment line straight down the extension pipe piece (end-to-end) to ensure that the handle and adapters are aligned properly. The printing on the pipe can be used for this purpose if it is straight.
6. Dry fit the adapter pieces and pipe together to determine that they fit and are aligned properly. Do not attach the assembly to the valve yet.
7. Follow the manufacturer's recommendations for using the PVC primer and Solvent Cement to join the adapter pieces to the pipe, making sure that the pieces are straight according to the alignment marks or pipe printing.
8. Allow the solvent to cure per manufacturer's recommendations.
9. With the valve closed, remove the handle by pulling it up while gently rocking it back and forth. Push the handle onto the top of the extension. Do NOT use solvent cement.
10. Locate the position of the stop block on the extension piece. Make sure it is located over the stop gap on the valve and lower the assembly onto the valve stem. Push the assembly down while slightly twisting the handle back and forth. Do NOT use solvent cement. For larger valves (over 2"), it may be necessary to use a rubber mallet to tap the extension onto the stem.