How to check if WaterStop is compatible with a third-party shutoff valve

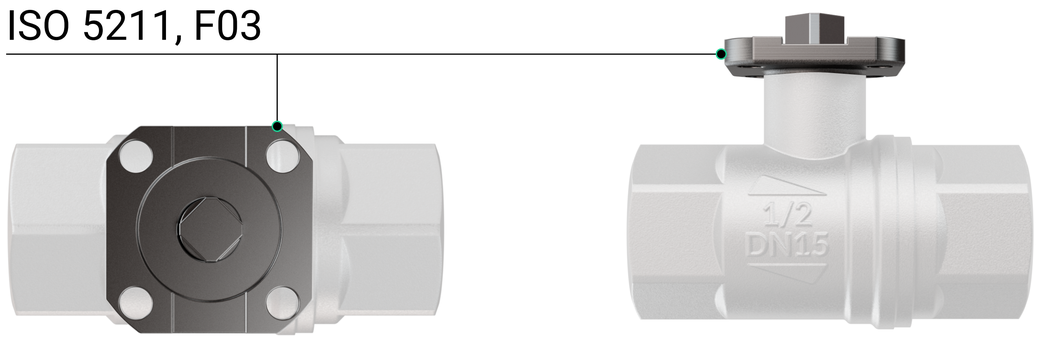
WaterStop is supplied with a RuB shutoff valve in one of three sizes:

½”	¾”	1"
(DN 15, 15 mm)	(DN 20, 20 mm)	(DN 25, 25 mm)
		

But you can replace it. Refer to the points below to check if WaterStop is compatible with a third-party shutoff valve.

1. **Shutoff valve flange dimensions**

   When choosing a third-party shutoff valve, pay attention to its dimensions. It should comply with the ISO 5211, F03 standard.



2. **Shutoff valve torque**

   The maximum torque value of the WaterStop electric actuator is 8.5 N•m. Take into account this value while choosing a shutoff valve. It shouldn’t be more than 7–7,5 N•m.

3. **Shutoff valve diameter**

   Ensure that shutoff valve diameter matches the pipe diameter.

4. **Maximum operating temperature**

   WaterStop is considered to be installed on water supply or heating pipes. Its maximum operating temperature is +120 °C. Choose a valve with similar characteristics.

5. **Operating pressure**

   WaterStop is designed for pipelines with an operating pressure of up to 10 bar. Refer to this information when choosing a shutoff valve.

6. **WaterStop and shutoff valve dimensions**

   Consider WaterStop and shutoff valve dimensions. At the intended installation place, you should have enough space to install the electric actuator in one of the four positions. Electric actuator dimensions: 93 × 70 × 95 mm.

Other shutoff valve technical specifications depend on your system and regional requirements

Before beginning the installation, we strongly advise reviewing the WaterStop user manual. Violating the basic WaterStop installation rules and the recommendations of its manual may lead to incorrect operation.