

Extension Spindle Technical Data

The ANT range of valve spindle extensions incorporating lengths of 150, 225 and 300mm are suitable for operation on gate valves up to and including DN300.

Traditionally valve extension spindles are manufactured by welding or pinning forged or cast end-pieces onto a tube or shaft. Where the components are not corrosion resistant to soil and ground water, they are required to be protected with a suitable coating. The integrity of any welding is considered to be critical in allaying any operator safety concerns.

ANT's extension spindles are the only spindles on the market with WSAA appraisal (WSA PS 262). The spindles comply with AS/NZS 2638.1:2011 and AS/NZS 2638.2:2011 Gate Valves for Waterworks Purposes. The spindle range meets all load / force and dimensional accuracy requirements of the relevant Australian Standards. It is made in Australia using highly specialised engineered plastic composites. The spindle range has been thoroughly tested using cutting edge engineering and Finite Element Analysis (FEA) and physical testing.

Each spindle extension is fitted with a M12 Grade 316 stainless steel bolt to allow retention on to the spindle cap.



AES150

Ant Valve
Extension Spindle
150mm

AES225

Ant Valve
Extension Spindle
225mm

AES300

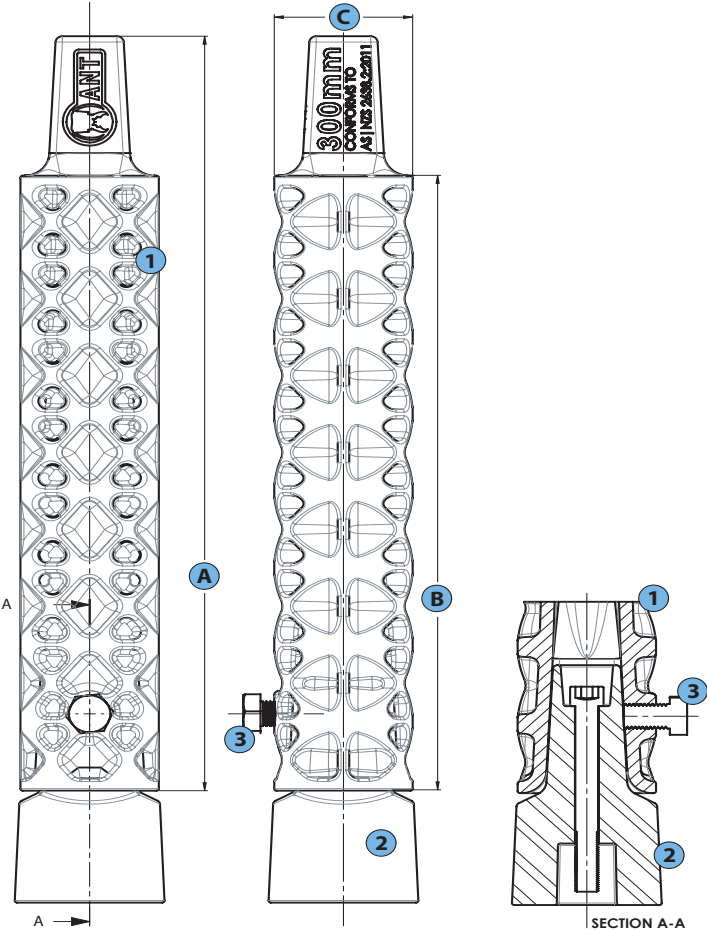
Ant Valve
Extension Spindle
300mm



Extension Spindle

Technical Data

Spindle	300	225	150
Code	1013702	1013701	1013700
A Length (mm)	368m	293	218
C Diameter (mm)	60	60	60
B Effective (mm)	300	225	150
Weight (g)	845	650	451
Valve Size	DN80 - DN300		
Standards	AS/NZS 2638.1:2011 AS/NZS 2638.2:2011 WSA PS 262		
Manufacturing Process	Injection Moulding		
Material	Composite Glass Filled Thermoplastic		
Structure	Single Piece Homogenous		
Maximum Operating Temperature	100 Deg C		
Colour	Solid Black		
Maximum Operating Torque	1125Nm		



1	Extension Spindle
2	Valve Cap
3	M12X20 SS316 Bolt

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