

# VALVE SPINDLE EXTENSION DUCTILE IRON PIPE SYSTEMS

FACILITATE THE REMOTE OPERATING OF GATE VALVES



Compatible for use with DN 80 to DN 600 gate valves

Compatible for use with DN 750 and DN 900 gate valves with a minimum gearbox ratio of 2:1

Can safely withstand torques up to 3000Nm, 25% greater than the test torque of DN 600 gate valves

Integrally cast ductile iron valve spindle extensions are available in 150, 300, 375, 450, 525 and 600mm lengths

Solid 32mm square, grade 1045, alloy steel shaft provides strength and long life in aggressive atmospheric conditions

Ductile iron spindle cap and key for strength and long life operation

Shaft is keyed and pinned to cap to avoid the need for welding. A common point of failure

Bitumen paint transit coating

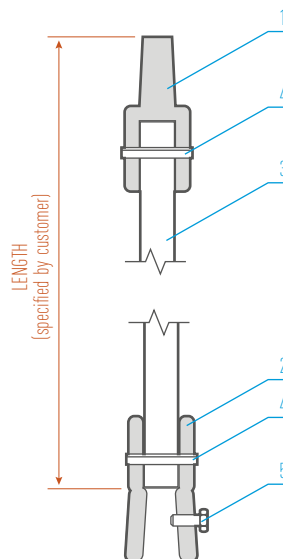
## GENERAL APPLICATION

SUREFLOW® Valve Spindle Extensions facilitate the opening and closing of gate valves where the valves are located below ground, or in pits, at an extended distance from the operating level

## TECHNICAL DATA

**Length** Minimum 250mm  
Maximum 3500mm  
Note: longer lengths available upon request

**Standards** AS 2638 Gate valves for waterworks purposes



## PARTS LIST

| No. | Description / Material / Standard                 |
|-----|---|
| 1   | Spindle Cap<br>Ductile iron / AS 1831 400-15      |
| 2   | Key<br>Ductile iron / AS 1831 400-15              |
| 3   | Shaft<br>Alloy steel / AS 1442 1045               |
| 4   | Spring Pin<br>Stainless steel / ASTM 276 420      |
| 5   | Retaining Screw<br>Stainless steel / ASTM 276 316 |