

Sewer Maintenance Shafts

SMS polypropylene maintenance shafts provide a low cost and safe alternative to traditional concrete manholes in sewerage systems.

They have been developed to ensure better occupational health and safety for construction and maintenance personnel by removing the need to enter confined spaces and provide access for all modern maintenance and cleaning equipment from above ground.

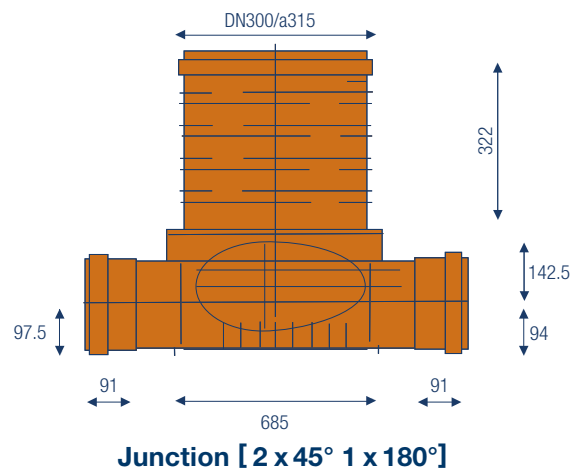
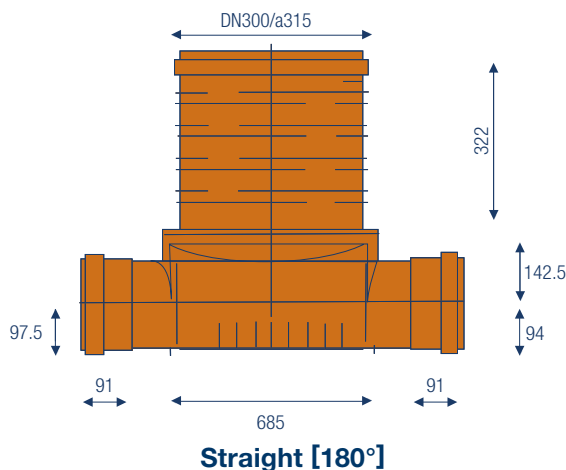
The SMS maintenance shaft reduces construction cost by up to 75% compared to concrete manholes and provides ongoing operation and maintenance cost savings.

SMS MAINTENANCE SHAFT

- Complies fully with the performance testing requirements of AS/NZS 4999 (Int.) PVC-U Maintenance Shafts.
- Appraised by Water Services Association of Australia (WSAA PA 02/08) and recommended for use by its members and associates.
- No infiltration and is resistant to most chemicals.
- Compatible with modern remote inspection CCTV, root cutting and cleaning systems from above ground.
- Strong, lightweight and impact resistant.
- Fast and easy to install by pipelayers without additional equipment.
- Polypropylene base with choice of in-line (180°) or triple entry (2 x 45° and 1 x 180°) branches with rubber ring joint (RRJ) sockets.
- Suitable for VC, PVC, Ultra-Rib or polyethylene sewer pipes.
- 'Fit for purpose' for up to 6 metres deep.
- Life expectancy in excess of 50 years.



300mm POLYPROPYLENE MAINTENANCE SHAFT 150mm INLET & OUTLET



SMS MAINTENANCE SHAFT



SMS MAINTENANCE SHAFT STRAIGHT
750100 – PPR Maintenance Shaft 300x150mm
Straight (includes 300/225 Reducer)



SMS PVC SWEEP BEND 1020MM RADIUS
750180 – PVC Sweep Bend
150 x 5 deg
750181 – PVC Sweep Bend
150 x 10 deg
750182 – PVC Sweep Bend
150 x 15 deg
750183 – PVC Sweep Bend
150 x 30 deg
750184 – PVC Sweep Bend
150 x 45 deg



SMS MAINTENANCE SHAFT JUNCTION
750102 – PPR Maintenance Shaft 300x150mm
Junction (includes 300/225 Reducer & 150 Plug)
750177 – PPR Maintenance Shaft 400x150mm
Junction (includes 400/300 Reducer & 150 Plug)



SMS MAINTENANCE SHAFT STRAIGHT
750185 – PVC Maintenance Shaft 225x225mm
Straight



SMS PVC TEE
750187 – PVC Tee 225x225mm



SMS PVC REDUCER
750175 – PVC Reducer 300x225mm
750176 – PVC Reducer 150x100mm



SMS PVC BEND
750188 – PVC Bend 225 x 15 deg
750189 – PVC Bend 225 x 30 deg
750190 – PVC Bend 225 x 45 deg



SMS PVC DROP TEE
750104 – PVC Drop Tee 225x150mm
750186 – PVC Drop Tee 225x100mm



SMS REPAIR CONNECTOR
750165 – PVC Connector 225x225mm
SMS SLIP SOCKET
750166 – PVC Slip Socket 150mm
750167 – PVC Slip Socket 225mm



SMS POLY SHROUD
750138 – Poly Shroud 400mm



SMS CONCRETE SHAFT COVER
750179 – Concrete Shaft Cover Light Duty
(340mm clear opening)
750112 – Concrete Shaft Cover Light Duty
(400mm clear opening)



SMS LOCKING CAP (SWJ)
750139 – PVC Locking Cap (SWJ) 225mm
750192 – PVC Locking Cap (SWJ) 300mm



SMS CLEAR OPENING COVER & SURROUND
750178 – Cover Class B & Concrete Surround
(370mm clear opening)



SMS PVC PUSH IN PLUG
750141 – PVC Push In Plug 150mm



SMS CLEAR OPENING COVER & FRAME
750140 – Class D Ductile Iron Cover & Frame
(400mm clear opening)



SMS PVC PUSH ON CAP
750191 – PVC Push On Cap 225mm



Quality
Endorsed
Company
ISO 9002 QEC 14353
Standards Australia



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