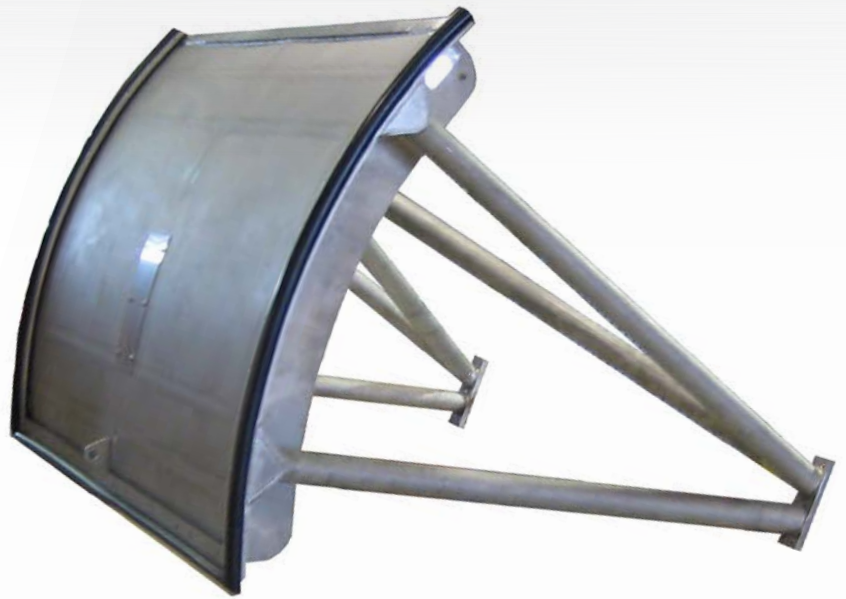


RADIAL GATES

AWMA's Radial (Tainter) Gate is a rounded water control gate with long radial arms, usually fully automated.



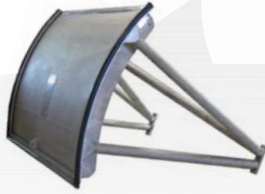
FEATURES

- Undershot regulation.
- Suitable for all water types and loading.
- Reduced actuation load.
- Custom designed and fabricated to suit any size orifice.

APPLICATIONS

- The Radial Gate range is utilised for applications across all industry sectors.
- Typically used for large dam applications.
- Applications requiring isolation of large openings or undershot regulation.

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RADIAL GATES

DESIGN

DESIGN SUPPORT

- AWMA's design team will provide full support to ensure the most appropriate solution is developed and specified during the preliminary design.

SIZES

- All AWMA water control gates are custom sized to ensure they meet specific site and operational requirements.
- Customisation reduces installation costs.

MATERIALS

- AWMA select materials to meet a minimum design life of 25 years. Where required, AWMA can offer higher grade materials, coatings and protection systems to extend the design life to 100+ years.
- Most commonly constructed from marine grade aluminium.
- Materials used in the construction of the Radial Gate range have a high corrosion resistance and can be operated for many years with minimal maintenance.

SEALING

- The sealing ability of this gate exceeds that required by the 'Australian Technical Specification for Fabricated Water Control Infrastructure'.

MAINTENANCE

- The Radial Gate range has a minimum 25 year design life.
- Minimal maintenance is required offering low "whole of life costs".

MANUFACTURE

QUALITY

- All fabrication is in accordance with the 'Australian Technical Specification for Fabricated Water Control Infrastructure'.
- All procedures are in accordance with AWMA's accredited ISO 9001 Quality Management System to ensure each gate is manufactured to a high standard, tested and ready for trouble free operation post approved installation.

INSTALLATION

MOUNTING OPTIONS

- Radial Gates are mounted in concrete channels or to concrete headwalls.

ACTUATION SYSTEMS

- Electric, hydraulic or pneumatic actuator.
- Portable actuation systems available.

OPERATION SYSTEMS

- Integration into new or existing SCADA systems optional.
- Global, web based operating platforms for remote control and monitoring.

COMMISSIONING

DOCUMENTATION AND TRAINING

- Detailed documentation on operation, testing procedures and maintenance will be provided with all AWMA water control solutions.
- Comprehensive on and/or off site training available.