

# Channel Gate Data Sheet

450mm 6mtr



## VALVE GENERAL DESCRIPTION

|                                       |   |
|---------------------------------------|---|
| Class                                 | N/A   |
| Port                                  | Full Port                                   |
| Type                                  | Channel Gate                                |
| Body Construction                     | Fabricated Steel                            |
| End Flange Requirements (if optioned) | One End AS2129 Table D                      |
| Weld on spigot (if optioned)          | One End OD/ID to suit pipe                  |
| Grout in spigot                       | One End to suit Class 2 ID of concrete pipe |

## PRESSURE AND TEMPERATURE DESIGN

|                            |  |
|----------------------------|--|
| Operable Temperature Range | -29 to 50 deg C (seal dependent)                         |
| Allowable Pressure         | Max pressure/ head allowable designated by model of gate |

## VALVE DESIGN AND STANDARDS

|  |                        |
|--|------------------------|
| Body   | Support Frame          |
| General Valve Design                           | Sliding Gate           |
| Shell Wall Thickness                           | 8 mm                   |
| Face to Face Dimension                         | N/A                    |
| End Flange Dimensions and Flange Gasket Facing | To Suit AS2129 Table D |

## CONSTRUCTION AND MATERIALS

|                            |  |
|----------------------------|--|
| Body                       | Hot Dipped Galvanized to AS/NZS 4680-2006    |
| Flap Disc                  | Hot Dipped Galvanized to AS/NZS 4680-2006    |
| Bolting                    | Class 70 or 4.6 AS 1111                      |
| Mast Bearings              | Self Aligning                                |
| Top Roller Lock            | N/A  |
| Bottom Roller Lock         | N/A  |
| Axle Roller and Door Guide | Self Lubricating Bushed/ Bronze Construction |

## SIZE RANGE

|                    |        |
|--------------------|--------|
| Nominal Size Range | DN 450 |
|--------------------|--------|

## INSPECTION STANDARDS

|                         |                          |
|-------------------------|--------------------------|
| Pressure Test           | Required 1.22 x Rating   |
| Inspection Requirements | N/A                      |
| Fire Test               | N/A                      |
| Marking                 | Max Allowable Head 6mtrs |
| Material Certification  | N/A                      |

## ACTUATION

|           |                             |
|-----------|-----------------------------|
| Actuation | Manual Handwheel/ Hydraulic |
|-----------|-----------------------------|



# Channel Gate Data Sheet

500mm 6mtr



| VALVE GENERAL DESCRIPTION             |   |
|---------------------------------------|---|
| Class                                 | N/A   |
| Port                                  | Full Port                                   |
| Type                                  | Channel Gate                                |
| Body Construction                     | Fabricated Steel                            |
| End Flange Requirements (if optioned) | One End AS2129 Table D                      |
| Weld on spigot (if optioned)          | One End OD/ID to suit pipe                  |
| Grout in spigot                       | One End to suit Class 2 ID of concrete pipe |

| PRESSURE AND TEMPERATURE DESIGN |  |
|---------------------------------|--|
| Operable Temperature Range      | -29 to 50 deg C (seal dependent)                         |
| Allowable Pressure              | Max pressure/ head allowable designated by model of gate |

| VALVE DESIGN AND STANDARDS                     |                        |
|--|------------------------|
| Body   | Support Frame          |
| General Valve Design                           | Sliding Gate           |
| Shell Wall Thickness                           | 8 mm                   |
| Face to Face Dimension                         | N/A                    |
| End Flange Dimensions and Flange Gasket Facing | To Suit AS2129 Table D |

| CONSTRUCTION AND MATERIALS |  |
|----------------------------|--|
| Body                       | Hot Dipped Galvanized to AS/NZS 4680-2006    |
| Flap Disc                  | Hot Dipped Galvanized to AS/NZS 4680-2006    |
| Bolting                    | Class 70 or 4.6 AS 1111                      |
| Mast Bearings              | Self Aligning                                |
| Top Roller Lock            | N/A  |
| Bottom Roller Lock         | N/A  |
| Axle Roller and Door Guide | Self Lubricating Bushed/ Bronze Construction |

| SIZE RANGE         |        |
|--------------------|--------|
| Nominal Size Range | DN 500 |

| INSPECTION STANDARDS    |                           |
|-------------------------|---------------------------|
| Pressure Test           | Required 1.22 x Rating    |
| Inspection Requirements | N/A                       |
| Fire Test               | N/A                       |
| Marking                 | Max Allowable Head 10mtrs |
| Material Certification  | N/A                       |

| ACTUATION |                             |
|-----------|-----------------------------|
| Actuation | Manual Handwheel/ Hydraulic |



# Channel Gate Data Sheet

750mm 6mtr



| VALVE GENERAL DESCRIPTION             |   |
|---------------------------------------|---|
| Class                                 | N/A   |
| Port                                  | Full Port                                   |
| Type                                  | Channel Gate                                |
| Body Construction                     | Fabricated Steel                            |
| End Flange Requirements (if optioned) | One End AS2129 Table D                      |
| Weld on spigot (if optioned)          | One End OD/ID to suit pipe                  |
| Grout in spigot                       | One End to suit Class 2 ID of concrete pipe |

| PRESSURE AND TEMPERATURE DESIGN |  |
|---------------------------------|--|
| Operable Temperature Range      | -29 to 50 deg C (seal dependent)                         |
| Allowable Pressure              | Max pressure/ head allowable designated by model of gate |

| VALVE DESIGN AND STANDARDS                     |                        |
|--|------------------------|
| Body   | Support Frame          |
| General Valve Design                           | Sliding Gate           |
| Shell Wall Thickness                           | 8 mm                   |
| Face to Face Dimension                         | N/A                    |
| End Flange Dimensions and Flange Gasket Facing | To Suit AS2129 Table D |

| CONSTRUCTION AND MATERIALS |  |
|----------------------------|--|
| Body                       | Hot Dipped Galvanized to AS/NZS 4680-2006    |
| Flap Disc                  | Hot Dipped Galvanized to AS/NZS 4680-2006    |
| Bolting                    | Class 70 or 4.6 AS 1111                      |
| Mast Bearings              | Self Aligning                                |
| Top Roller Lock            | N/A  |
| Bottom Roller Lock         | N/A  |
| Axle Roller and Door Guide | Self Lubricating Bushed/ Bronze Construction |

| SIZE RANGE         |        |
|--------------------|--------|
| Nominal Size Range | DN 750 |

| INSPECTION STANDARDS    |                          |
|-------------------------|--------------------------|
| Pressure Test           | Required 1.22 x Rating   |
| Inspection Requirements | N/A                      |
| Fire Test               | N/A                      |
| Marking                 | Max Allowable Head 6mtrs |
| Material Certification  | N/A                      |

| ACTUATION |                             |
|-----------|-----------------------------|
| Actuation | Manual Handwheel/ Hydraulic |



# Channel Gate Data Sheet

1050mm 6mtr



## VALVE GENERAL DESCRIPTION

|                                       |   |
|---------------------------------------|---|
| Class                                 | N/A   |
| Port                                  | Full Port                                   |
| Type                                  | Channel Gate                                |
| Body Construction                     | Fabricated Steel                            |
| End Flange Requirements (if optioned) | One End AS2129 Table D                      |
| Weld on spigot (if optioned)          | OD/ID to suit pipe                          |
| Grout in spigot                       | One End to suit Class 2 ID of concrete pipe |

## PRESSURE AND TEMPERATURE DESIGN

|                            |  |
|----------------------------|--|
| Operable Temperature Range | -29 to 50 deg C (seal dependent)                         |
| Allowable Pressure         | Max pressure/ head allowable designated by model of gate |

## VALVE DESIGN AND STANDARDS

|  |                        |
|--|------------------------|
| Body   | Support Frame          |
| General Valve Design                           | Sliding Gate           |
| Shell Wall Thickness                           | 8 mm                   |
| Face to Face Dimension                         | N/A                    |
| End Flange Dimensions and Flange Gasket Facing | To Suit AS2129 Table D |

## CONSTRUCTION AND MATERIALS

|                            |  |
|----------------------------|--|
| Body                       | Hot Dipped Galvanized to AS/NZS 4680-2008    |
| Flap Disc                  | Hot Dipped Galvanized to AS/NZS 4680-2008    |
| Bolting                    | Class 70 or 4.6 AS 1113                      |
| Mast Bearings              | Self Aligning                                |
| Top Roller Lock            | YES  |
| Bottom Roller Lock         | YES  |
| Axle Roller and Door Guide | Self Lubricating Bushed/ Bronze Construction |

## SIZE RANGE

|                    |         |
|--------------------|---------|
| Nominal Size Range | DN 1050 |
|--------------------|---------|

## INSPECTION STANDARDS

|                         |                          |
|-------------------------|--------------------------|
| Pressure Test           | Required 1.22 x Rating   |
| Inspection Requirements | N/A                      |
| Fire Test               | N/A                      |
| Marking                 | Max Allowable Head 6mtrs |
| Material Certification  | N/A                      |

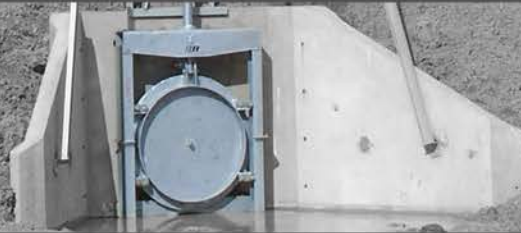
## ACTUATION

|           |                             |
|-----------|-----------------------------|
| Actuation | Manual Handwheel/ Hydraulic |
|-----------|-----------------------------|



# Channel Gate Data Sheet

1200mm 6mtr



| VALVE GENERAL DESCRIPTION             |   |
|---------------------------------------|---|
| Class                                 | N/A   |
| Port                                  | Full Port                                   |
| Type                                  | Channel Gate                                |
| Body Construction                     | Fabricated Steel                            |
| End Flange Requirements (if optioned) | One End AS2129 Table D                      |
| Weld on spigot (if optioned)          | OD/ID to suit pipe                          |
| Grout in spigot                       | One End to suit Class 2 ID of concrete pipe |

| PRESSURE AND TEMPERATURE DESIGN |  |
|---------------------------------|--|
| Operable Temperature Range      | -29 to 50 deg C (seal dependent)                         |
| Allowable Pressure              | Max pressure/ head allowable designated by model of gate |

| VALVE DESIGN AND STANDARDS                     |                        |
|--|------------------------|
| Body   | Support Frame          |
| General Valve Design                           | Sliding Gate           |
| Shell Wall Thickness                           | 8 mm                   |
| Face to Face Dimension                         | N/A                    |
| End Flange Dimensions and Flange Gasket Facing | To Suit AS2129 Table D |

| CONSTRUCTION AND MATERIALS |  |
|----------------------------|--|
| Body                       | Hot Dipped Galvanized to AS/NZS 4680-2008    |
| Flap Disc                  | Hot Dipped Galvanized to AS/NZS 4680-2008    |
| Bolting                    | Class 70 or 4.6 AS 1113                      |
| Mast Bearings              | Self Aligning                                |
| Top Roller Lock            | YES  |
| Bottom Roller Lock         | YES  |
| Axle Roller and Door Guide | Self Lubricating Bushed/ Bronze Construction |

| SIZE RANGE         |         |
|--------------------|---------|
| Nominal Size Range | DN 1200 |

| INSPECTION STANDARDS    |                          |
|-------------------------|--------------------------|
| Pressure Test           | Required 1.22 x Rating   |
| Inspection Requirements | N/A                      |
| Fire Test               | N/A                      |
| Marking                 | Max Allowable Head 6mtrs |
| Material Certification  | N/A                      |

| ACTUATION |                             |
|-----------|-----------------------------|
| Actuation | Manual Handwheel/ Hydraulic |



# Channel Gate Data Sheet

1350mm 6mtr



## VALVE GENERAL DESCRIPTION

|                                       |   |
|---------------------------------------|---|
| Class                                 | N/A   |
| Port                                  | Full Port                                   |
| Type                                  | Channel Gate                                |
| Body Construction                     | Fabricated Steel                            |
| End Flange Requirements (if optioned) | One End AS2129 Table D                      |
| Weld on spigot (if optioned)          | OD/ID to suit pipe                          |
| Grout in spigot                       | One End to suit Class 2 ID of concrete pipe |

## PRESSURE AND TEMPERATURE DESIGN

|                            |  |
|----------------------------|--|
| Operable Temperature Range | -29 to 50 deg C (seal dependent)                         |
| Allowable Pressure         | Max pressure/ head allowable designated by model of gate |

## VALVE DESIGN AND STANDARDS

|  |                        |
|--|------------------------|
| Body   | Support Frame          |
| General Valve Design                           | Sliding Gate           |
| Shell Wall Thickness                           | 8 mm                   |
| Face to Face Dimension                         | N/A                    |
| End Flange Dimensions and Flange Gasket Facing | To Suit AS2129 Table D |

## CONSTRUCTION AND MATERIALS

|                            |  |
|----------------------------|--|
| Body                       | Hot Dipped Galvanized to AS/NZS 4680-2008    |
| Flap Disc                  | Hot Dipped Galvanized to AS/NZS 4680-2008    |
| Bolting                    | Class 70 or 4.6 AS 1113                      |
| Mast Bearings              | Self Aligning                                |
| Top Roller Lock            | YES  |
| Bottom Roller Lock         | YES  |
| Axle Roller and Door Guide | Self Lubricating Bushed/ Bronze Construction |

## SIZE RANGE

|                    |         |
|--------------------|---------|
| Nominal Size Range | DN 1350 |
|--------------------|---------|

## INSPECTION STANDARDS

|                         |                          |
|-------------------------|--------------------------|
| Pressure Test           | Required 1.22 x Rating   |
| Inspection Requirements | N/A                      |
| Fire Test               | N/A                      |
| Marking                 | Max Allowable Head 6mtrs |
| Material Certification  | N/A                      |

## ACTUATION

|           |                             |
|-----------|-----------------------------|
| Actuation | Manual Handwheel/ Hydraulic |
|-----------|-----------------------------|



# Channel Gate Data Sheet

1500mm 6mtr



| VALVE GENERAL DESCRIPTION             |   |
|---------------------------------------|---|
| Class                                 | N/A   |
| Port                                  | Full Port                                   |
| Type                                  | Channel Gate                                |
| Body Construction                     | Fabricated Steel                            |
| End Flange Requirements (if optioned) | One End AS2129 Table D                      |
| Weld on spigot (if optioned)          | OD/ID to suit pipe                          |
| Grout in spigot                       | One End to suit Class 2 ID of concrete pipe |

| PRESSURE AND TEMPERATURE DESIGN |  |
|---------------------------------|--|
| Operable Temperature Range      | -29 to 50 deg C (seal dependent)                         |
| Allowable Pressure              | Max pressure/ head allowable designated by model of gate |

| VALVE DESIGN AND STANDARDS                     |                        |
|--|------------------------|
| Body   | Support Frame          |
| General Valve Design                           | Sliding Gate           |
| Shell Wall Thickness                           | 8 mm                   |
| Face to Face Dimension                         | N/A                    |
| End Flange Dimensions and Flange Gasket Facing | To Suit AS2129 Table D |

| CONSTRUCTION AND MATERIALS |  |
|----------------------------|--|
| Body                       | Hot Dipped Galvanized to AS/NZS 4680-2008    |
| Flap Disc                  | Hot Dipped Galvanized to AS/NZS 4680-2008    |
| Bolting                    | Class 70 or 4.6 AS 1113                      |
| Mast Bearings              | Self Aligning                                |
| Top Roller Lock            | YES  |
| Bottom Roller Lock         | YES  |
| Axle Roller and Door Guide | Self Lubricating Bushed/ Bronze Construction |

| SIZE RANGE         |         |
|--------------------|---------|
| Nominal Size Range | DN 1500 |

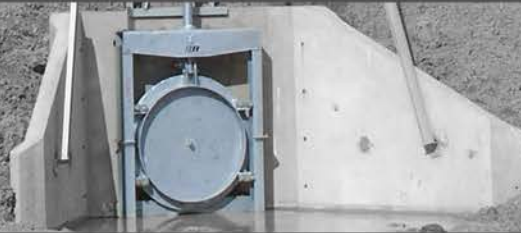
| INSPECTION STANDARDS    |                          |
|-------------------------|--------------------------|
| Pressure Test           | Required 1.22 x Rating   |
| Inspection Requirements | N/A                      |
| Fire Test               | N/A                      |
| Marking                 | Max Allowable Head 6mtrs |
| Material Certification  | N/A                      |

| ACTUATION |                             |
|-----------|-----------------------------|
| Actuation | Manual Handwheel/ Hydraulic |



# Channel Gate Data Sheet

1650mm 6mtr



| VALVE GENERAL DESCRIPTION             |   |
|---------------------------------------|---|
| Class                                 | N/A   |
| Port                                  | Full Port                                   |
| Type                                  | Channel Gate                                |
| Body Construction                     | Fabricated Steel                            |
| End Flange Requirements (if optioned) | One End AS2129 Table D                      |
| Weld on spigot (if optioned)          | OD/ID to suit pipe                          |
| Grout in spigot                       | One End to suit Class 2 ID of concrete pipe |

| PRESSURE AND TEMPERATURE DESIGN |  |
|---------------------------------|--|
| Operable Temperature Range      | -29 to 50 deg C (seal dependent)                         |
| Allowable Pressure              | Max pressure/ head allowable designated by model of gate |

| VALVE DESIGN AND STANDARDS                     |                        |
|--|------------------------|
| Body   | Support Frame          |
| General Valve Design                           | Sliding Gate           |
| Shell Wall Thickness                           | 8 mm                   |
| Face to Face Dimension                         | N/A                    |
| End Flange Dimensions and Flange Gasket Facing | To Suit AS2129 Table D |

| CONSTRUCTION AND MATERIALS |  |
|----------------------------|--|
| Body                       | Hot Dipped Galvanized to AS/NZS 4680-2008    |
| Flap Disc                  | Hot Dipped Galvanized to AS/NZS 4680-2008    |
| Bolting                    | Class 70 or 4.6 AS 1113                      |
| Mast Bearings              | Self Aligning                                |
| Top Roller Lock            | YES  |
| Bottom Roller Lock         | YES  |
| Axle Roller and Door Guide | Self Lubricating Bushed/ Bronze Construction |

| SIZE RANGE         |         |
|--------------------|---------|
| Nominal Size Range | DN 1650 |

| INSPECTION STANDARDS    |                          |
|-------------------------|--------------------------|
| Pressure Test           | Required 1.22 x Rating   |
| Inspection Requirements | N/A                      |
| Fire Test               | N/A                      |
| Marking                 | Max Allowable Head 6mtrs |
| Material Certification  | N/A                      |

| ACTUATION |                             |
|-----------|-----------------------------|
| Actuation | Manual Handwheel/ Hydraulic |





# Channel Gate Data Sheet

1800mm 6mtr



## VALVE GENERAL DESCRIPTION

|                                       |   |
|---------------------------------------|---|
| Class                                 | N/A   |
| Port                                  | Full Port                                   |
| Type                                  | Channel Gate                                |
| Body Construction                     | Fabricated Steel                            |
| End Flange Requirements (if optioned) | One End AS2129 Table D                      |
| Weld on spigot (if optioned)          | OD/ID to suit pipe                          |
| Grout in spigot                       | One End to suit Class 2 ID of concrete pipe |

## PRESSURE AND TEMPERATURE DESIGN

|                            |  |
|----------------------------|--|
| Operable Temperature Range | -29 to 50 deg C (seal dependent)                         |
| Allowable Pressure         | Max pressure/ head allowable designated by model of gate |

## VALVE DESIGN AND STANDARDS

|  |                        |
|--|------------------------|
| Body   | Support Frame          |
| General Valve Design                           | Sliding Gate           |
| Shell Wall Thickness                           | 8 mm                   |
| Face to Face Dimension                         | N/A                    |
| End Flange Dimensions and Flange Gasket Facing | To Suit AS2129 Table D |

## CONSTRUCTION AND MATERIALS

|                            |  |
|----------------------------|--|
| Body                       | Hot Dipped Galvanized to AS/NZS 4680-2008    |
| Flap Disc                  | Hot Dipped Galvanized to AS/NZS 4680-2008    |
| Bolting                    | Class 70 or 4.6 AS 1113                      |
| Mast Bearings              | Self Aligning                                |
| Top Roller Lock            | YES  |
| Bottom Roller Lock         | YES  |
| Axle Roller and Door Guide | Self Lubricating Bushed/ Bronze Construction |

## SIZE RANGE

|                    |         |
|--------------------|---------|
| Nominal Size Range | DN 1800 |
|--------------------|---------|

## INSPECTION STANDARDS

|                         |                          |
|-------------------------|--------------------------|
| Pressure Test           | Required 1.22 x Rating   |
| Inspection Requirements | N/A                      |
| Fire Test               | N/A                      |
| Marking                 | Max Allowable Head 6mtrs |
| Material Certification  | N/A                      |

## ACTUATION

|           |                             |
|-----------|-----------------------------|
| Actuation | Manual Handwheel/ Hydraulic |
|-----------|-----------------------------|

