



VIKING JOHNSON

DISMANTLING JOINTS

Double flanged fitting that allows longitudinal adjustment

The Viking Johnson Dismantling Joint is a double flanged fitting that allows longitudinal adjustment in flanged pipe systems. It has been developed to provide greater flexibility at the planning and installation stages of flanged pipework systems and also for subsequent maintenance.

Features and Benefits

Longitudinal adjustment

- Accommodates up to 50mm/2" longitudinal adjustment
- Can be locked at required length with tie bars supplied
- Allows for fast and simple maintenance of valves and pumps
- Simplifies future pipework modifications and reduces down time

Ease and speed of installation

- Installed with a spanner and a torque wrench
- Fewer tie bars than flange holes
- Tie bars act as flange jointing bolts, reducing the number of flange bolts required
- Harnessing accommodated within the bolt circle, eliminating other complex anchoring systems and reducing space requirements

Sealing

- Gasket is compressed independently of the tie bars
- Sealing failure cannot occur once the gasket is compressed to the required torque

Range

- Comprehensive range from DN40 (1½") to over DN2000 (80")
- Custom made dismantling joints on request

Product quality

- Designed and manufactured to BS EN ISO 9001
- Tested to the most exacting requirements of WRAS Water Regulatory Advisory Scheme
- Designed to outlast the pipes on which they are fitted

Gaskets

- Fitted with Grade E (EPDM) water quality gaskets as standard, other grades available

Corrosion and protection

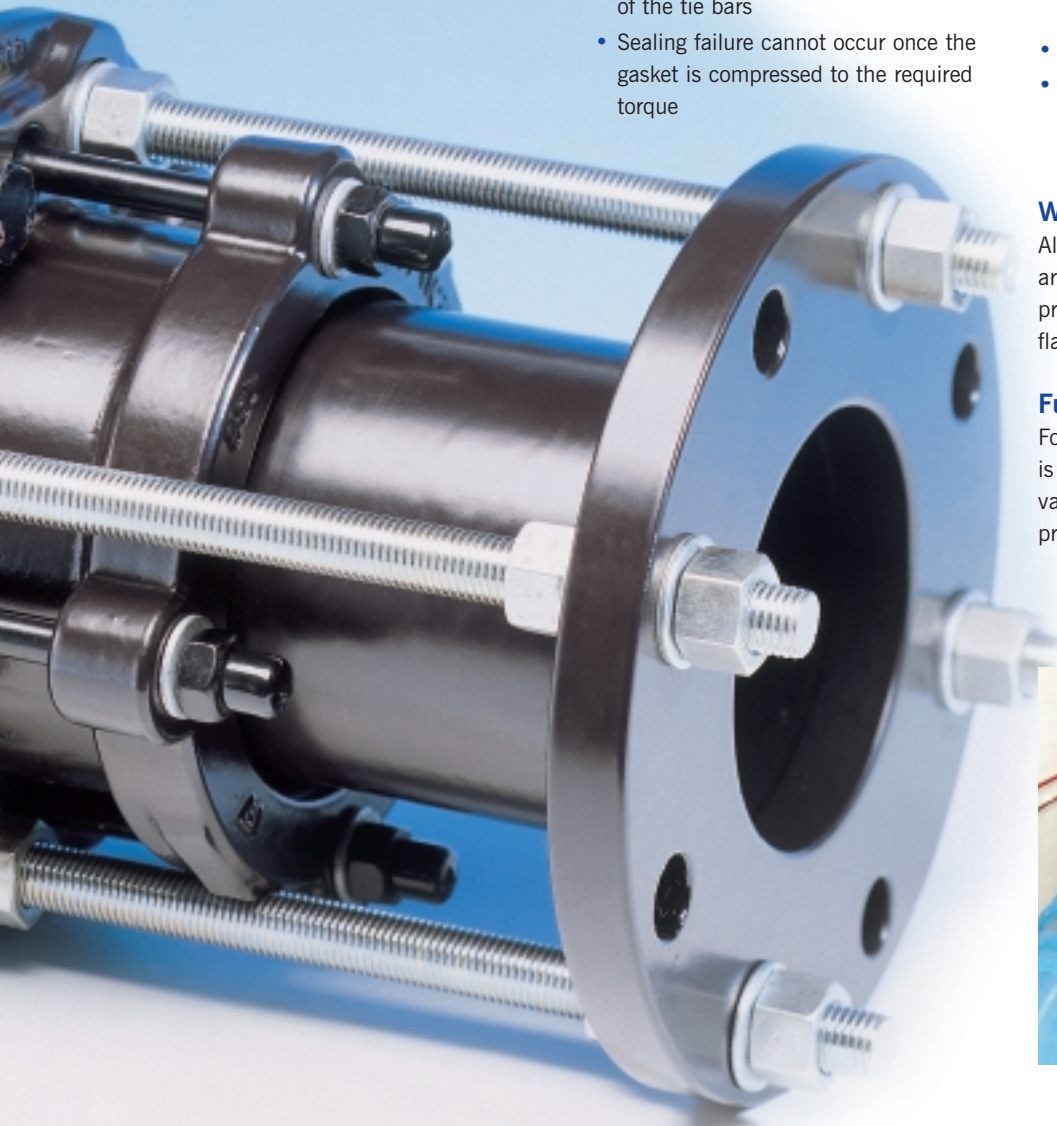
- Flange adaptor and flange spigot coated with Rilsan Nylon 11 as standard
- Rilsan Nylon 11 provides excellent protection from transport, storage, site and corrosion damage
- Alternative finishes are also available
- Tie bars are Zn3 zinc plated as standard, other grades/finishes available

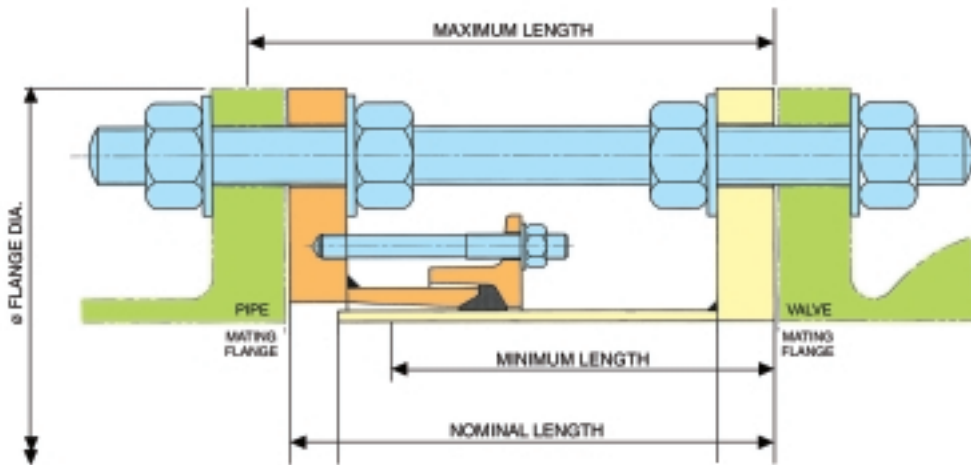
Working pressure

All Viking Johnson Dismantling Joints are fully end load resistant and have a pressure rating equal to that of the flange.

Full face flange

For applications where a full face flange is required i.e. wafer and butterfly valves, the flange of the spigot piece provides a full flange sealing area.





DN100/4" Dismantling Joint in plant room application.

Typical Applications

The Viking Johnson Dismantling Joint is particularly suitable for simplifying the installation and removal of:

- Isolation valves
- Control valves
- Check valves
- Non return valves
- Flow metering equipment
- Pump sets
- Pressure reducing valves
- Flanged pipe and fittings

Typical Dismantling Joint applications include: pumping stations, water treatment works, sewage treatment works, plant rooms, meter chambers, power generation equipment and gas distribution stations.

Users list

- County of Hawaii - Hilo, Hawaii, US
- East Vista Way Pipeline Vista Irrigation District, Nevada, US
- Raw Water Pump Station - City of Galesburg, Illinois, US
- Crown WTP - Cleveland, Ohio, US
- Water Pumping Station - Crown Point, Indiana, US
- Al Massarat Main Water Supply, Oman
- Great Man Made River, Libya
- Dubai Water Treatment Project, U.A.E.
- SEWA Sharjah, U.A.E.
- Shuweihat Project, U.A.E.
- Client - SWCC, Saudi Arabia
- Sulaibiya STP, Kuwait
- Tai Po Water Treatment Plant, Hong Kong
- Suez Canal North Syphon, Egypt
- Tekapo 'B' Hydro Electric Scheme, New Zealand
- Pathum Thani Water Treatment Plant, Thailand
- Sungai Pia Hydro-Electric Plant, Malaysia
- Chestnut Avenue Waterworks, Singapore
- Manila Water Supply, Philippines
- Aquacapa, Guatemala



Crown WTP, Cleveland, Ohio, US

For further information on all Viking Johnson products and services contact our Marketing Department.



ISO 9001



ISO 14001

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A Crane Co. Company

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