



AVK - the first manufacturer to offer a complete range of British Standard resilient seated gate valves

Compatible with all pipe types, quicker and easier to install
Water and waste water applications, versatile installations
WRAS approved, reduced stock holding, full service offer available

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Graham Charnley, Market Sector Manager for clean water at AVK UK, introduces new versions of the company's resilient seated gate valves that simplify the task of connecting them into the distribution network.

Contractors working in the UK water industry, which has an ageing network, can encounter all kinds of complications and challenges, many of which arise from the variety of outside diameters and material of the pipes being connected to. Up until now, as far as the valve replacements within the pipeline are concerned, the contractor has had to grapple with these challenges with a traditional combination of double flange valves, flange adaptors, couplings, and other fittings.

AVK, through our progressive innovation programme, can now offer our customers help in addressing these challenges. AVK in the UK is now able to offer a range of resilient seated gate valves that are specifically designed for their application.

The new AVK Series 01/79 with integral end load resistant adaptors, and the new AVK Series 36/89 with integral PE tails, have been successfully used extensively throughout Europe for many years and have now been adapted to comply with British Standard requirements.

These products have raised the levels of performance and options available to the water industry designers and installers.

For example, the Series 01/79 for use with PE pipe has full end load resistant adaptors integral to the valve body in place of conventional flanges. Utilising this valve configuration, allows the engineer to simplify the process of installation to allow for alignment of the PE pipes to the valve and tightening the adaptor bolts to achieve

the connection. This option gives the installer advantages of speed of installation with minimum amount of equipment and also gives the customer purchase ledger efficiency savings and a reduction in the number of stock lines that are required to be held.

The Series 36/89 PE tailed valve allows direct connection to the PE pipe, eliminating any mechanical connections or flanges. The valve is supplied with options of SDR11 or SDR17 pipe tails that are suitable for electro-fusion or butt fusion connection. By eliminating the need for mechanical joints, these valves provide our customers with the opportunity to reduce the number of potential leak paths.

Off site fabrication can be adapted in conjunction with PE tees and fittings, removing the requirement to install products in difficult on-site conditions. A variation on this concept is the Series 38/89 transitional valve. The valve

incorporates a PE tail, with the benefits of the Series 36/89 and a NP16 flange for bolted connection to other standard fittings.

And these are not the only new valves options that AVK are now launching to our customers in the UK

(for more details please refer to our website www.avkuk.co.uk)

The entire range is available for sizes DN50 – 300 (90 to 315 for PE tail) and is BS 5163-compatible. All the components are WRAS-listed for use with potable water, and incorporate

all of the quality benefits associated with AVKs standard flanged range of resilient seated gate valves including superior wedge performance, replaceable stem seals and a holiday free, fusion bonded, epoxy coating.

The most obvious advantage of these new valves is that they can be installed faster because there are fewer connections to make and material to source; and with every connection being a potential leak path, future leaks are removed from the network.

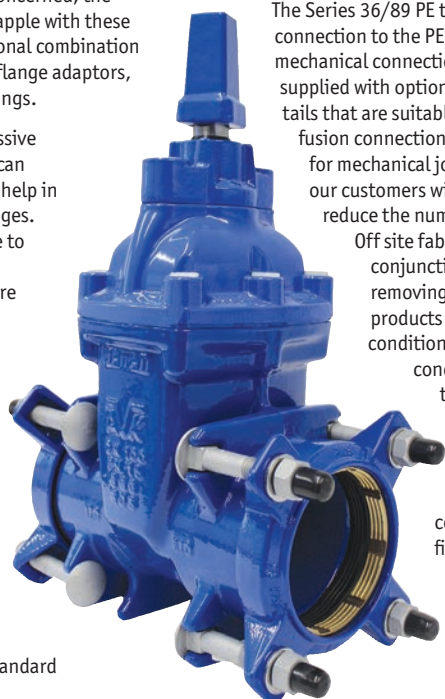
Beyond the efficiency savings in terms of faster installation times, reduced parts and potential reduction in non revenue water there are also health and safety benefits that these products can provide. Working within a trench, often with restricted room for manoeuvre, must always carry an element of risk so, whether electro-fusing or bolting up (as many as 16 bolts in the case of a DN300 valve), the less time the operation takes the better.

Finally but by no means least, these new products also offer our customers the opportunity for a carbon footprint reduction compared to the traditional valve-and-fittings arrangement; fewer products to manufacture and simpler logistics in the first place.

Early indications are that our customers are very interested in this new range of products which will provide them with many advantages in tackling a number of their installation challenges. If you require more information please contact your local Account Manager (contact details available on our website) or drop us an email; enquiries@avkuk.co.uk to request a brochure on our new range.

www.avkuk.co.uk

Sales Office: +44 (0)1604 601188



Series 01/79



Series 36/89

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