

Worcester E44 Enviro-Safe High Integrity 3-Piece Ball Valve





The Flowserve Worcester E44 series valve uses the unique dual stem sealing concept from the E51/52 flanged valve in Worcester's proven three-piece design.

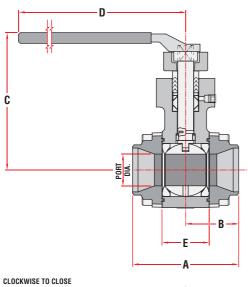
The unique primary seal is designed so that it will always fail in service before the secondary seal. With a monitoring port drilled through to a lantern ring which is located between the two sealing stages, primary seal leakage can be detected whilst the secondary seals ensure overall integrity. This unique and foolproof stem packing design is live loaded with stainless steel disc springs and has been proven in testing to be bubble tight on helium even after primary seal leakage. Primary seal integrity can then be restored by simply tightening down the gland plate.

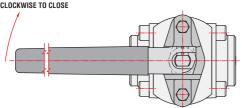
The valve gland has been independently tested and certified to TA Luft in accordance with EPA 21 requirements.

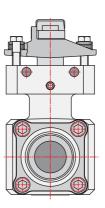
The three-piece concept uses the high integrity body joint from the F44 series valve, providing either a PTFE or graphite seal in its own housing. This eliminates any cold flow of sealing material and maintains a high level of integrity with the use of high strength body bolts.

When welded end connectors are used the valve only has the same number of body joints that are used with a conventional flanged valve design.

Available also as the EF44 using graphite sealing material for firesafe applications.







Dimensions

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Valve Size	Port Ø Min.	Α	В	С	D	E
DN20	14.0	66.55 65.42	93.85	93.0	3.2	24.61 24.49
DN25	20.4	71.31 70.19	93.85	95.5	3.5	31.75 31.62
DN40	31.3	86.25 85.12	103.85	105.5	5.5	48.41 48.29
DN50	37.7	97.20 96.07	103.85	110.5	6.8	56.34 56.21

For simpler actuation and in-line actuator removal

Features	Benefits
 TA Luft approved primary and secondary stem sealing 	 For ultimate sealing performance
 Dual stem seal integral with body 	To minimise leak paths
Live loaded gland assembly	For long sealing life
Stem monitoring / purge port	To monitor integrity
Blow-out proof stem	For added safety
 Range of seat materials 	 For greater pressure / temperature capability

FCD WCEBR0011-02 Printed in Germany.

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To find your local Flowserve representative:

Integral body mounting platform

For more information about Flowserve Corporation, visit www.flowserve.com or call USA 1 800 225 6989



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