

AVK THREADED BALL CHECK VALVE, PN 10

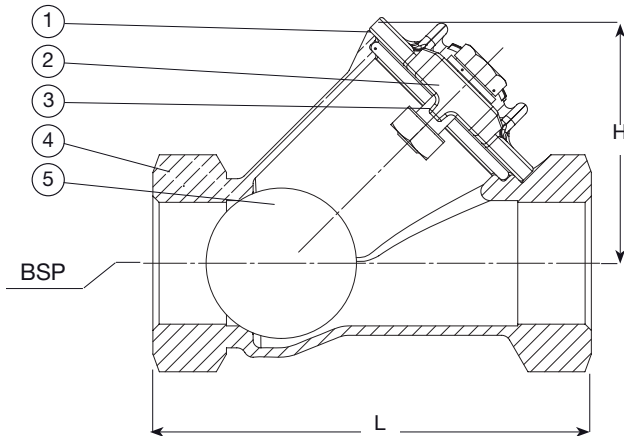
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Ball check valve in ductile iron with BSP thread, for sewage and neutral liquids to max. 70° C, designed according to DIN/EN, face to face according to DIN 3202 - F6. Hydraulic test according to EN12050-4. Approved according to LGA regulations.

Ball check valve designed according to EN 12050-4. Body and cover of ductile iron GJS-400-15 (GGG-40). Ball of aluminium, vulcanized with NBR rubber. Bolts and nuts of stainless steel A2 and cover gasket of NBR rubber. AVK coating standard.



For further details see section "Technical Information".
The designs, materials and specifications shown are subject to change without notice due to the continuous development of our product programme.



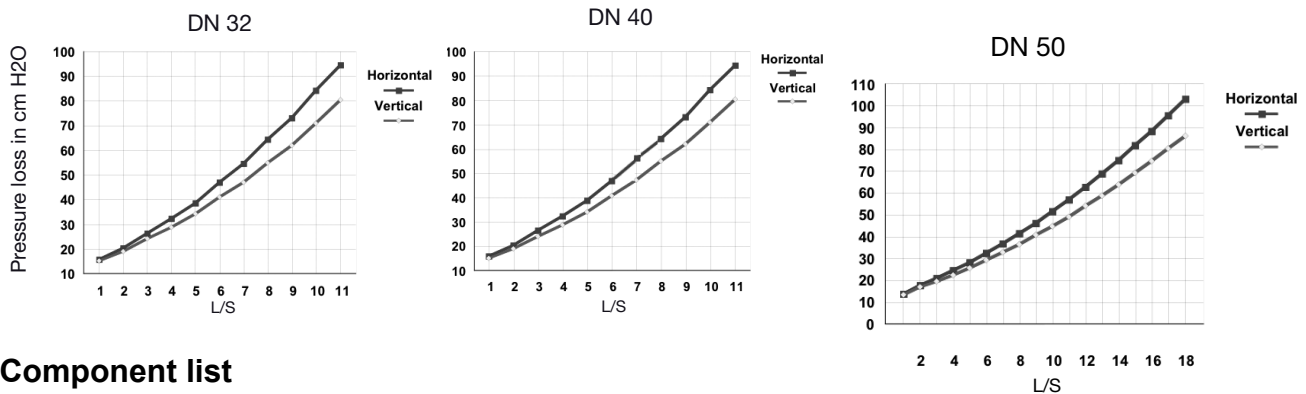
Features

The valve design features 100% free flow as the ball does not appear in the valve flow path when in open position. The straight bore prevents deposits in the valve. Consequently the AVK ball check valves feature a very low pressure loss giving the benefits of optimum use of pump capacity.

Tightness is secured when installed both vertically and horizontally, even at very low counter pressure. At horizontal installation the ball will be placed in almost closed position, as the valve body supports the ball against the seat. The ball is rotating during operation thus giving a self-cleaning function and minimum wear of the rubber.

The rubber hardness is carefully defined to prevent the ball from getting stuck in the seat.

The check valves are optionally available with different ball weights and balls of solid PUR in standard weights.



Component list

1. Cover
2. Bolt/nut/washer
3. Gasket
4. Body
5. Ball

Reference nos. and dimensions

AVK ref. nos.	DN mm	Prod. PN class	L mm	H mm	Theoretical weight kg
53-032-30-9007	32	10	140	83	2,0
53-040-30-9007	40	10	140	83	2,0
53-050-30-9007	50	10	180	101	3,0