



AVK CERTUS™ PE BALL VALVES, GAS MOP10

85/30-002

Fusible ends, full bore, OD20 - OD180, SDR11

AVK has an extensive range of internationally approved PE ball valves, ranging as of OD20 up to OD180mm. Made from high performance PE100 material AVK PE ball valves can be welded to all PE100 and PE80 pipes making the valve an integral part of fully welded leak-free pipe system. Minimum full bore for all sizes ensures limited pressure drop and greater flow through the valve. Valves are delivered with double spigot length, allowing for a second electro fusion weld if needed.

Product description:

PE ball valve CERTUS™. For gas to max. 20°C. Note: The maximum working temperature is set according to the ISO9080 lifetime requirements for PE pipes

Standards:

- Designed according to GIS/V7 Part 2, EN1555-4, EN12201-4, ISO4437-4

Test/Approvals:

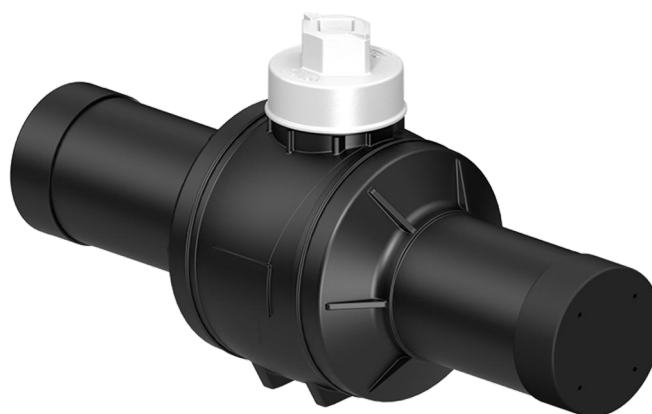
- Hydraulic test according to BS750.
- Approved according to KITE MARK

Features:

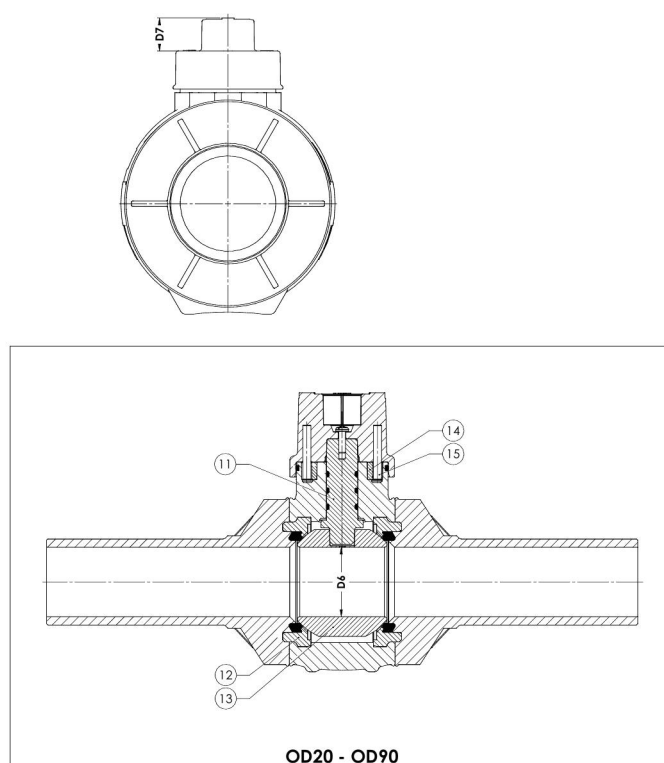
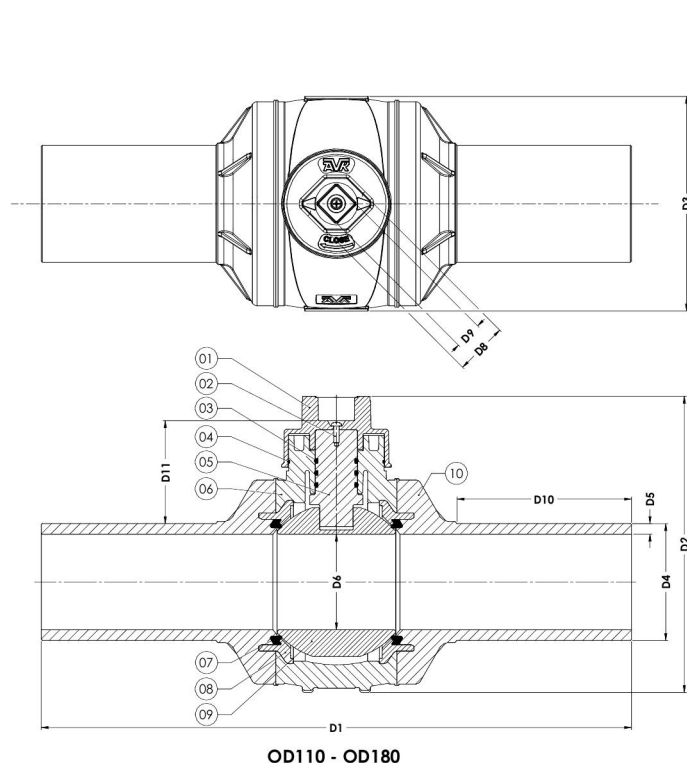
- Seat, ball and grease combination ensuring low operating torques and avoids sticking over time
- Grease with minimal wearing off from the lubricated surfaces for improved long term performance
- Easy mounting of all standardised spindles due to internal and external drive
- Overtorque protection and replaceable top cap under live conditions
- With double spigot length allowing for 2 electrofusion joints
- Traccoding (barcode) + AVIT (QR code) - asset management to record, track and identify where valves are located and ensure traceability at all times
- Seat compression accurately set during automated welding process

Accessories:

Support base



Expect... **AVK**


Component list:

1. Top cap	PP GF	9. Ball	POM
2. Screw	Stainless steel A4	10. Spigot	PE 100
3. O-ring	NBR rubber	11. Stem	Polyamide
4. O-ring	NBR rubber	12. Seat retainer	PP
5. Stem	POM	13. Ball	PP
6. Body	PE 100	14. Ring	PA GF
7. Ball seat	NBR rubber	15. Pin	Stainless steel A4
8. Seat retainer	PE 100		

Components may be substituted with equivalent or higher class materials without prior notification.

Reference nos. and dimensions:

AVK ref. no.	D4	D6	D1	D2	D3	D5	D7	D8	D9	D10	D11	Theoretical weight / kg
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
85-020-30-23203001	20	26	305	155	95	3.0	46	49.6	20.0	82	76	0,8
85-032-30-23203001	32	26	320	155	95	3.0	46	49.6	20.0	88	70	0,8
85-040-30-13203001	40	26	340	155	95	3.7	46	49.6	20.0	98	66	0,9
85-063-30-23203001	63	51	435	205	135	5.8	46	49.6	20.0	130	84	1,8
85-090-30-23203001	90	74	520	285	180	8.2	46	49.6	20.0	158	123	3,8
85-110-30-21203001	110	90	560	280	205	10.0	31	49.6	20.0	164	96	5,5
85-125-30-11203001	125	90	585	280	205	11.4	31	49.6	20.0	182	89	5,9
85-160-30-21203001	160	131	700	370	280	14.6	35	49.6	20.0	196	120	13,8
85-180-30-11203001	180	131	735	370	280	16.4	35	49.6	20.0	220	110	14,4

Comments:

Other SDR's available on request.