



AVK BUTTERFLY VALVE

75/62

Double Flanged, Vulcanised Lined, PN16

AVK concentric rubber lined butterfly valve
Bi-directional sealing, short pattern EN558 Series 13 (AS 4795.2)
Flange drilling to AS 4087 CL16 B5
High build two pack epoxy in accordance with AS 4795
EPDM Liner for drinking water and neutral liquids to Max 70°C
Standard materials for disc, shaft and pins in Duplex Stainless Steel

Use:

- For water and neutral liquid applications
 - Rated for full end of line duty
 - Suitable for vacuum conditions
 - Suitable for buried service
 - Suitable for submerged service
 - 5m/s normal flow velocity
- Note: Always observe pipe material recommended operating temperatures

Features:

Bonded Vulcanized liner with excellent compression set and thus the ability to regain its original shape. Consistent low opening and closing torques due to the injection moulded liner Vulcanized to the valve body, reducing risks associated with liner deformation and displacement. The AVK 75 series butterfly valve is ideally suited to high cycle actuation, transmission pipelines, pump stations, vacuum conditions, flow regulating and control.

Tests:

- Body test pressure = 24 Bar
- Disc strength pressure = 17.6 Bar

Actuation Options:

- Manual Electric, Pneumatic or Hydraulic
- Gear operators IP67, IP68, IP68 buried service
- Extension systems available

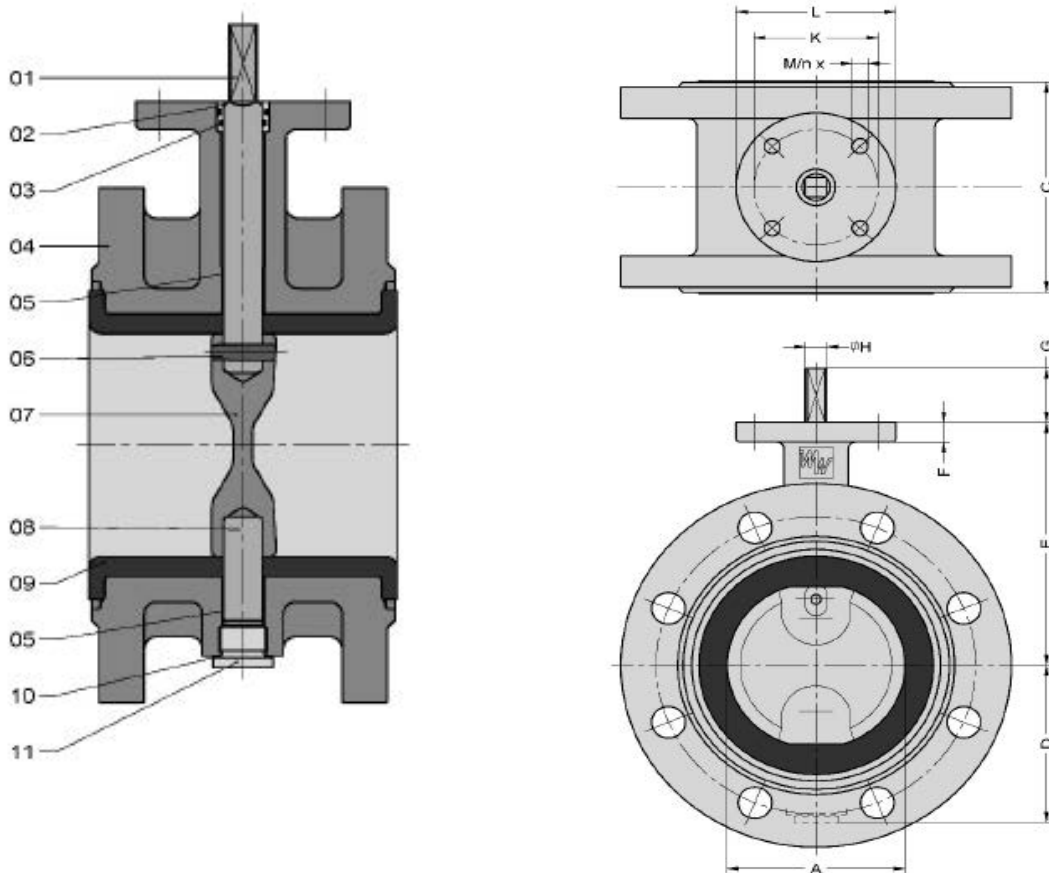
Options:

- Operating pressures up to PN25
- Alternate construction materials
- Kv values and torques available on request



Expect... **AVK**

DN0050-0350



Component list

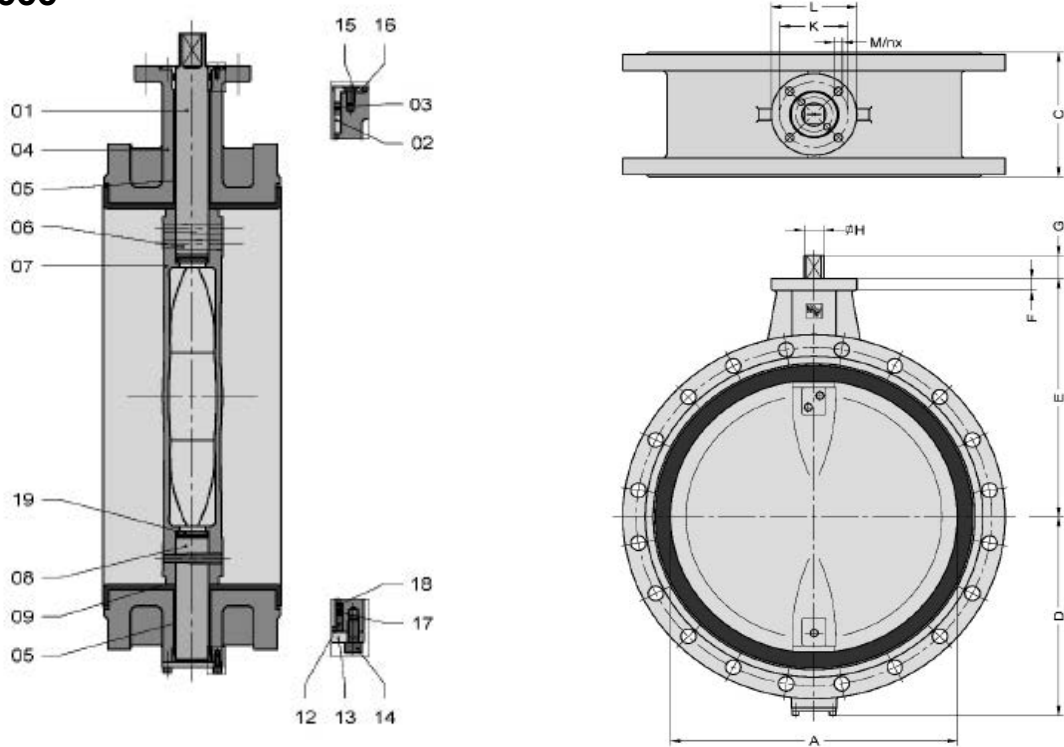
1. Shaft	Stainless Steel 1.4462 Duplex	7. Disc	Stainless Steel 1.4462 Duplex (forged)
2. Bush	Bronze	8. Shaft	Stainless Steel 1.4462 Duplex
3. O-ring	NBR	9. Lining	EPDM with WRAS approval
4. Body	Ductile Cast Iron GGG 40	10. Sealing ring	Cu
5. Bearing	Bronze PTFE coated	11. Plug	Stainless Steel
6. Conical pin	Stainless Steel 1.4462 Duplex		

Components can be substituted with equivalent or higher class materials.

Reference nos. and dimensions

AVK ref. nos.	DN mm	A	C	D	E	F	G	H	ISO 5211	K	L	M	n	Weight kilos
75-0050-20203062614690	50	50	108	63	118	12	34	10	F07	70	90	9	4	8
75-0065-20203062614690	65	65	112	71	126	12	34	10	F07	70	90	9	4	9
75-0080-20203062614690	80	80	114	78	133	12	34	10	F07	70	90	9	4	11
75-0100-20203062614690	100	100	127	98	147	12	34	12	F07	70	90	9	4	13
75-0125-20203062614690	125	125	140	109	160	12	34	12	F07	70	90	9	4	17
75-0150-20203062614690	150	150	140	133	180	14	34	16	F07	70	90	9	4	23
75-0200-20203062614690	200	200	152	158	204	14	34	16	F07	70	90	9	4	32
75-0250-20203062614690	250	250	165	194	245	15	45	24	F10	102	125	11	4	50
75-0300-20203062614690	300	300	178	219	270	15	45	24	F10	102	125	11	4	65
75-0350-20203062614690	350	336	190	236	315	15	45	24	F10	102	125	11	4	95

DN0400-1000



Component list

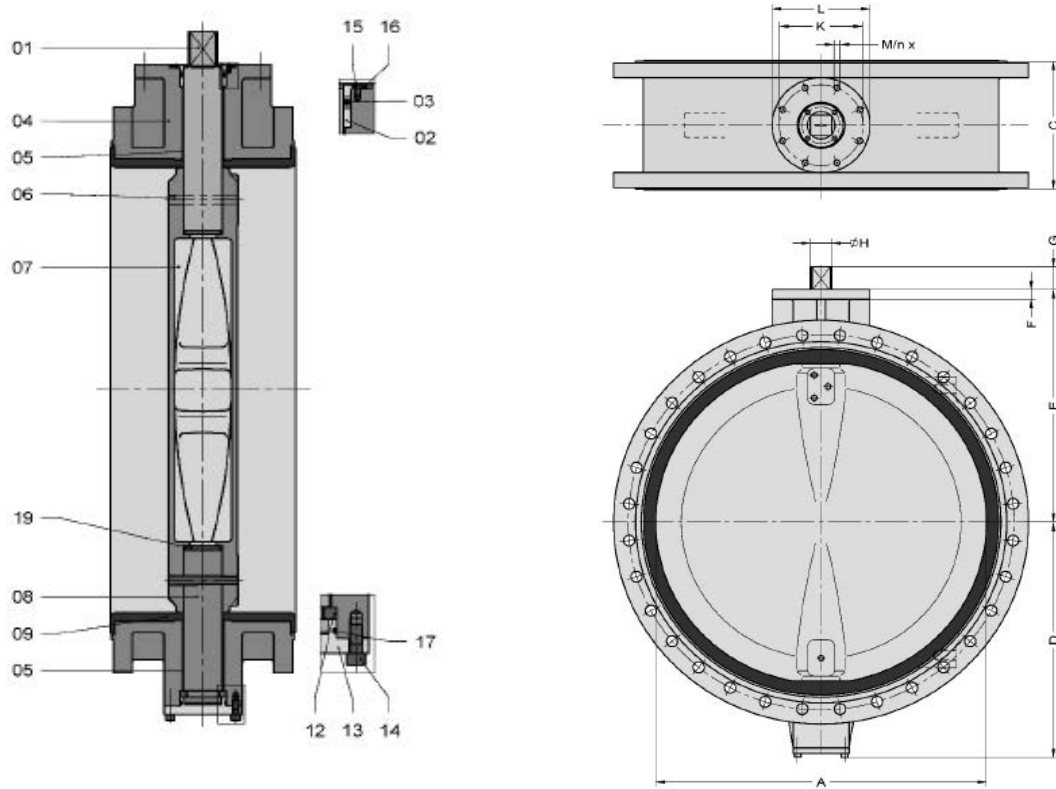
1. Shaft	Stainless Steel 1.4462 Duplex	8. Shaft	Stainless Steel 1.4462 Duplex
2. Bush	Bronze	9. Lining	EPDM with WRAS approval
3. O-ring	NBR	12. Axial bearing	Bronze
4. Body	Ductile Cast Iron GGG 40	13. Cover plate	Stainless Steel
5. Bearing	Bronze PTFE coated	14. Cylinder head screw	Stainless Steel
6. Conical pin	Stainless Steel 1.4462 Duplex	15. Counter sunk screw	Stainless Steel
7. Disc	Stainless Steel 1.4517 Duplex (cast) *Stainless Steel 1.4462 Duplex (forged) in DN400-450	16. Collar bearing	Bronze
		18. Ring	Bronze
		19. Sealing gate	St./NBR

Components can be substituted with equivalent or higher class materials.

Reference nos. and dimensions

AVK ref. nos.	DN mm	A	C	D	E	F	G	H	ISO 5211	K	L	M	n	Weight kilos
75-0400-20203062614690	400	386	216	308	363	25	50	30	F14	140	175	17	4	130
75-0450-20203062614690	450	436	222	334	388	25	50	30	F14	140	175	17	4	150
75-0500-20206062614690	500	486	229	360	413	25	50	30	F14	140	175	17	4	200
75-0550-20206062614690	550	536	267	395	485	25	50	40	F14	140	175	17	4	260
75-0600-20206062614690	600	586	267	426	510	25	50	40	F14	140	175	17	4	300
75-0650-20206062614690	650	636	292	456	535	25	60	46	F16	165	210	21	4	350
75-0700-20206062614690	700	686	292	498	560	25	60	46	F16	165	210	21	4	380
75-0750-20206062614690	750	786	318	524	585	25	60	46	F16	165	210	21	4	440
75-0800-20206062614690	800	786	318	548	610	25	60	46	F16	165	210	21	4	500
75-0900-20206062614690	900	886	330	624	690	30	90	60	F25	254	300	17	8	660
75-1000-20206062614690	1000	986	410	674	740	35	90	60	F25	254	350	17	8	900

DN1200



Component list

1. Shaft	Stainless Steel 1.4462 Duplex	9. Lining	EPDM with WRAS approval
2. Bush	Bronze	12. Axial bearing	Bronze
3. O-ring	NBR	13. Cover plate	Stainless Steel
4. Body	Ductile Cast Iron GGG 40	14. Cylinder head screw	Stainless Steel
5. Bearing	Bronze PTFE coated	15. Counter sunk screw	Stainless Steel
6. Conical pin	Stainless Steel 1.4462 Duplex	16. Collar bearing	Bronze
7. Disc	Stainless Steel 1.4517 Duplex (cast)	18. Ring	Bronze
8. Shaft	Stainless Steel 1.4462 Duplex	19. Sealing gate	St./NBR

Components can be substituted with equivalent or higher class materials.

Reference nos. and dimensions

AVK ref. nos.	DN mm	A	C	D	E	F	G	H	ISO 5211	K	L	M	n	Weight kilos
75-1200-20206062614690	1200	1186	470	870	855	35	85	75	F30	298	415	21	8	1500