

AVK CONCENTRIC BUTTERFLY VALVE ROTORK ACTUATION, 816/BFV/ROT/BG/GB WITH VULCANIZED LINER, CLASS 250B - BELOW GROUND MJxMJ

Mechanical Joint Ends - Valve Sizes 4" - 24"

Use:
For water to maximum 160°F.

Tests:
Hydraulic tests to AWWA C504:
250B
Shell Test: 500 PSI
Seat Test: 250 PSI

Approvals:

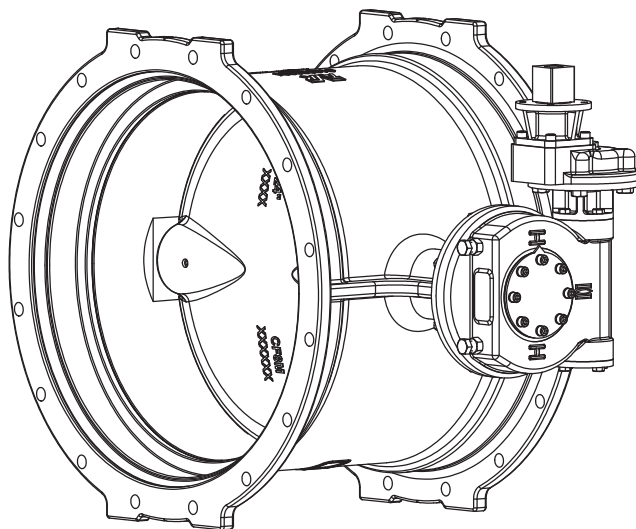
Certified to: ANSI/NSF 61, ANSI/NSF 372



Standard Materials:

Body	Ductile iron ASTM A536 with vulcanized EPDM liner
Coating	Two Component, High Solids Epoxy
Stems	Standard: 17-4PH Stainless steel ASTM A564
Bushings	Copper alloy ASTM B505
Disc (*)	Ductile iron ASTM A536 with Ni-Cu seat
Mounting hardware, Set Screw	Stainless steel
O-rings	ASTM D2000 Buna "N" nitrile rubber

(*) 4" disc material is CF8M 316 stainless steel



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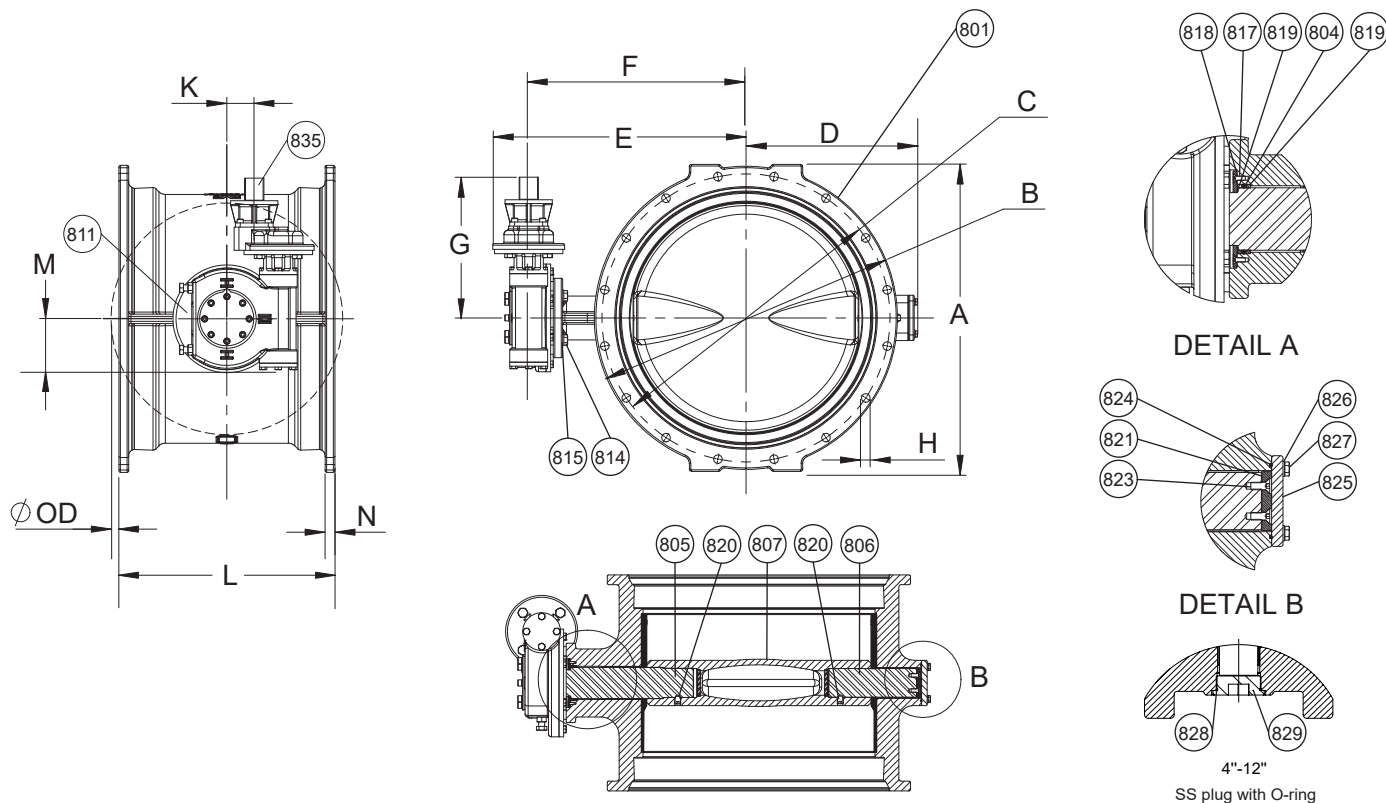
MJxMJ

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Component List:

- | | | | |
|-------------------------|----------------------------------|---------------------------------|----------------------------|
| 801. Body | 811. Gearbox | 820. Stem-Disc Screws | 827. End Plate Bolts |
| 804. Upper Shaft O-ring | 814. Gearbox Bolt | 821. Axial Bearing | 828. Stem Plug O-ring |
| 805. Drive Shaft | 815. Gearbox Washer | 822. Bearing Adjustment Screws* | 829. Stem Plug |
| 806. Stub Shaft | 817. Stem Plate Retaining Screws | 824. End Plate O-ring | 835. Wrench Nut |
| 807. Disc | 818. Stem Plate | 825. End Plate | 836. Wrench Nut Set Screw* |
| 810. Gearbox Key* | 819. O-ring Retainer | 826. End Plate Washers | |

* Not shown



Ref No.	Size	A	B	C	D	E	F	G	H	K	L	M	N	ØOD	TO OPEN			
															TURNS	NO. OF HOLES	SHPG.	
816-100-MM-BG-RGB	4"	9.09"	9.09"	7.50"	4.50"	9.84"	7.38"	6.77"	0.88"	2.80"	8.13"	2.71"	0.60"	NA	150/250	9/9	8	53
816-150-MM-BG-RGB	6"	11.06"	11.06"	9.50"	5.50"	11.12"	8.66"	6.77"	0.88"	2.80"	9.25"	2.71"	1.00"	NA	9/9	8	73	
816-200-MM-BG-RGB	8"	13.31"	13.31"	11.75"	6.75"	12.15"	9.69"	7.17"	0.88"	3.38"	10.50"	3.94"	1.13"	NA	10/10	8	110	
816-250-MM-BG-RGB	10"	15.69"	15.69"	14.00"	8.00"	13.76"	11.30"	7.17"	0.88"	3.38"	11.75"	3.94"	1.19"	NA	10/10	8	148	
816-300-MM-BG-RGB	12"	17.88"	17.88"	16.25"	9.50"	14.75"	12.29"	7.17"	0.88"	3.38"	13.00"	3.94"	1.25"	NA	10/10	8	179	
816-350-MM-BG-RGB	14"	20.71"	20.25"	18.75"	10.70"	16.48"	14.02"	7.17"	0.88"	3.38"	16.25"	3.94"	1.38"	NA	10/10	10	261	
816-400-MM-BG-RGB	16"	22.91"	22.50"	21.00"	12.28"	18.41"	15.95"	7.17"	0.88"	3.38"	17.50"	3.94"	1.44"	NA	10/10	12	357	
816-450-MM-BG-RGB	18"	25.20"	24.83"	23.25"	13.56"	19.40"	16.94"	7.80"	0.88"	4.11"	18.75"	4.33"	1.56"	NA	10/12	12	528	
816-500-MM-BG-RGB	20"	27.48"	27.08"	25.50"	14.70"	28.07"	18.98"	14.21"	0.88"	5.35"	20.25"	5.35"	1.70"	NA	12/24	14	624	
816-600-MM-BG-RGB	24"	31.97"	31.58"	30.00"	17.85"	31.89"	22.80"	14.21"	0.88"	5.35"	22.50"	5.35"	1.88"	0.78"	24/38	16	870	

NA - Not Applicable

