

SERIES 8000GR

Butterfly Valve

MATERIAL SPECIFICATIONS

BODY: Cast Iron - ASTM A 126 CL.B

EXTENSION BODY:

Pipe - ASTM A 53 Steel
Flange - ANSI B16.5 Forged Steel

LINER: Grade E (EPDM), GRADE T (Nitrile)

DISC:

Stainless Steel - ASTM A 351
Aluminum Bronze - ASTM B 148 C95400
Ductile Iron - ASTM A 536 Grade 65-45-12

DRIVE SHAFT:

Stainless Steel - ASTM A 582 Type 416
Stainless Steel - ASTM A 276 Type 316

BOTTOM SHAFT:

Stainless Steel - ASTM A 582 Type 416
Stainless Steel - ASTM A 276 Type 316

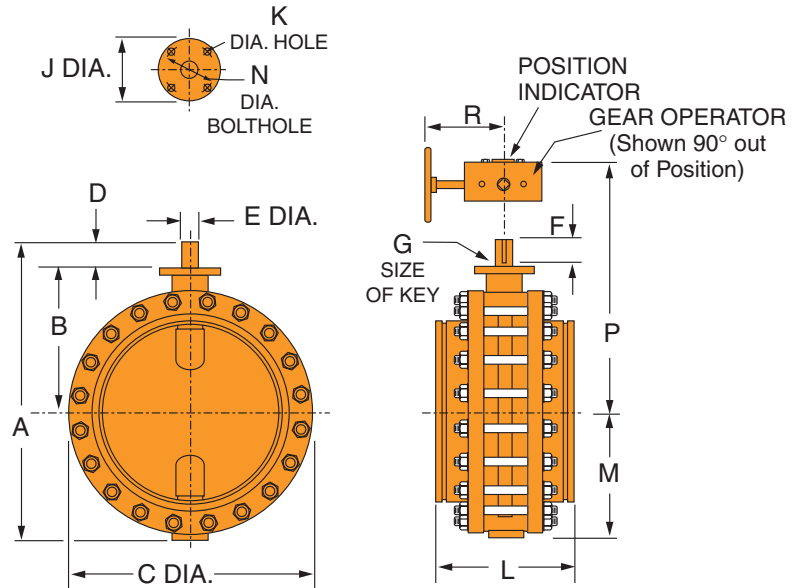
RETAINING SCREW: Steel

THRUST WASHER: Acetal

PLUG: Cast Iron - ASTM A 126 CL.B

UPPER BEARING: Teflon (Reinforced)

LOWER BEARING: Teflon (Reinforced)



SERIES 8000GR BUTTERFLY VALVES - DIMENSIONS

Valve Size ANSI	O.D.	A	B	C	D	E	F	G	J	K	L	M	N	P	R
ln./DN(mm)	ln./mm	ln./mm	ln./mm	ln./mm	ln./mm	ln./mm	ln./mm	ln./mm	ln./mm	ln./mm	ln./mm	ln./mm	ln./mm	ln./mm	ln./mm
14 350	14.000 356	26 ¹ / ₄ 667	13 ¹ / ₄ 337	21 533	2 ¹ / ₄ 57	1 ¹ / ₂ 38	2 51	3/8 x 3/8 87	6 152	1/2 13	13 ¹ / ₁₆ 332	10 ³ / ₄ 273	5 127	17 ¹⁵ / ₁₆ 456	10 254
16 400	16.000 406	29 ¹ / ₂ 749	14 ³ / ₄ 375	23 ¹ / ₂ 597	2 ¹ / ₄ 57	1 ¹ / ₂ 38	2 51	3/8 x 3/8 87	6 152	1/2 13	14 ⁵ / ₁₆ 364	12 ¹ / ₂ 318	5 127	19 ⁷ / ₁₆ 494	10 254
18 450	18.000 457	32 ³ / ₄ 832	15 ³ / ₄ 400	25 635	3 76	1 ³ / ₄ 44	2 ³ / ₈ 60	3/8 x 3/8 87	6 ³ / ₄ 171	1/2 13	15 ³ / ₈ 391	14 356	5 127	20 ⁷ / ₁₆ 519	10 254
20 500	20.000 508	34 864	16 ¹ / ₄ 413	27 ¹ / ₂ 699	3 76	1 ³ / ₄ 44	2 ⁵ / ₈ 66	3/8 x 3/8 87	6 ³ / ₄ 171	1/2 13	16 ³ / ₈ 416	15 381	5 127	20 ¹⁵ / ₁₆ 532	10 254
24 600	24.000 610	39 ³ / ₈ 1,000	19 ¹ / ₈ 486	32 813	3 76	2 ¹ / ₄ 57	3 ¹ / ₄ 83	1/2 x 1/2 116	9 ¹ / ₂ 241	1 ³ / ₁₆ 21	18 ¹ / ₄ 464	16 ³ / ₄ 425	6 ¹ / ₂ 165	24 ³ / ₈ 619	10 ¹ / ₄ 260

SERIES 8000GR BUTTERFLY VALVES (ORDERING INFORMATION)

Sample Part Number	18"	G	C -	8	2	8	2	6
18" GC-8282-6 →	Valve Size	Body Style	Body Material	Series	Seat Material	Disc Material	Operator	Stem
	14" - 24"	G - Grooved End	C - Cast Iron	8 - 8000	1 - Nitrile 2 - EPDM	0 - Nickel Plate Ductile Iron 7 - 316 S.S. 8 - Bronze (Al-Brz.)	0 - None 2 - Gear Operator 3 - Pneumatic 4 - Electric 5 - Spring Return Pneumatic 6 - Square Nut (with Gear Operator) 7 - Chain Wheel (with Gear)	6 - 416 S.S. w/ RTFE Bearing 7 - 316 S.S. w/ RTFE Bearing