



RESILIENT SEATED GATE VALVES

KENNEDY SERIES 324

to EN/ISO Standards

Kennedy Gate Valves, with their unique features, have been used in the water transmission and fire protection industries since 1877. Our series 324 gate valves conform to EN/ISO standards and are designed to maintain the high quality and integrity of existing designs while incorporating many superior features. Series 324 valves are ductile iron with fully encapsulated rubber discs for a bubble tight shut off. Valves are designed with ISO top flange mounting pads for gears/actuators, and are suitable for water, sewage and neutral liquids to a maximum operating temperature of 70° C.



General Specifications

Type: Resilient Seated Ductile Iron Gate Valves
 Non Rising Stem, Meets EN Standards
 with ISO top flanges

Sizes : DN 50 – DN 400
 Working Pressure: 16 Bar

Models

324 : Face to Face ISO 5752 Series 14
 Top Flange to ISO 5210

Flanges

EN 1092-2 PN16

Face to Face

EN 558 & ISO 5752 standards

Test Pressure

Pressure Testing to EN 1074 - 1&2 and EN 12266-1&2
 Seat Test : 1.1 x PN (18 Bar)
 Body Test : 1.5 x PN (24 Bar)

Coating

Fusion bonded non-toxic epoxy coating NSF 61
 Coated to DIN 30677-2 Standards
 Bolts are seated with hot melt

Options

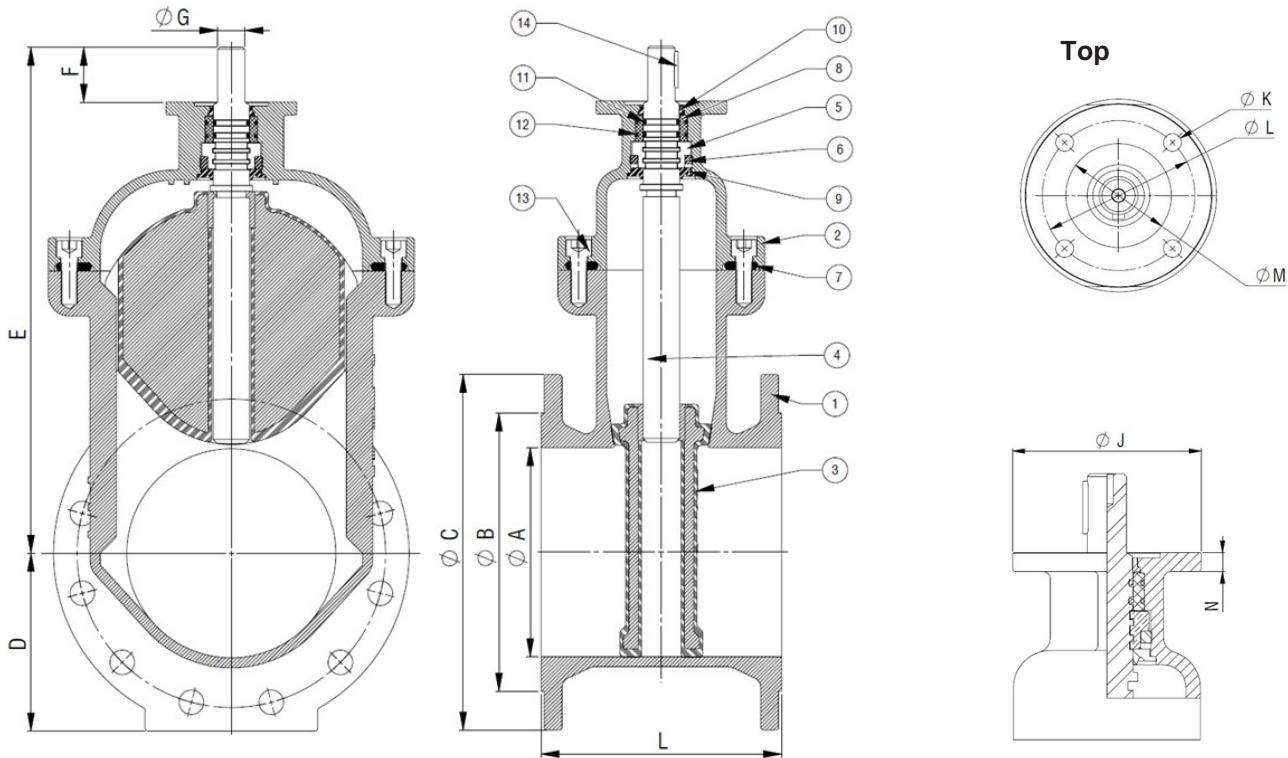
Gear Operators
 Electric Actuators
 Alternative flange drilling

Material Specifications (Trim 301)

Body&Bonnet	: Ductile Iron EN 1563 to EN JS	O Rings Thrust	: EPDM
Wedge	: 1050 EPDM encapsulated Ductile	Collar Bonnet	: Copper Alloy, Bronze CW
Stem	: Iron Stainless Steel 316	Gasket Stem	: 453K EPDM
Wedge Nut	: Copper Alloy, Bronze CW 453K	Bearing	: Polyamide Polymer
Bolt & Nuts	: Stainless Steel A4	Coating	: Fusion Bonded Epoxy 300 µm

EPDM Rubber available with NSF 61 approval suitable for potable water.
 Please check with us for other material combinations.

DIMENSIONS AND PART LIST – RS Gate Valve Series 324



COMPONENTS

- | | | | |
|-----------|----------------------|-----------------|-----------------|
| 1. Body | 5. Thrust Collar | 9. Seal | 13. Bonnet Bolt |
| 2. Bonnet | 6. Thrust Collar Nut | 10. End Seal | |
| 3. Wedge | 7. Gasket | 11. O Ring Stem | |
| 4. Stem | 8. Bush | 12. O Ring Bush | |

Flange "N" Nos thru holes of dia "H" equally spaced on PCD of "P"

DIMENSIONS (mm) for PN 16

Size DN	L	ØA	ØB	ØC	D	E	F	ØG	Flange					Wt (kgs)
									N (Nos)	ØH	P PCD	R	Q	
DN50	150	50	99	165	82.5	233	45.5	18.5	4	19	125	3	19	12.5
DN80	180	80	132	200	100	267.3	46.3	21.5	8	19	160	3	19	17.5
DN100	190	100	156	220	110	304	46	25.4	8	19	180	3	19	20
DN150	210	150	211	285	143	404	50.5	26	8	23	240	3	19	41
DN200	230	200	266	340	170	484	52.5	28	12	23	295	3	20	61
DN250	250	250	319	400	200	568	55	30	12	28	355	3	22	90
DN300	270	300	370	455	228	681.5	60.5	32	12	28	410	4	25	150
DN350	290	350	429	520	260	771.5	75	46	16	28	470	4	27	202
DN400	310	400	480	580	290	851.5	75	46	16	31	525	4	28	251

Size	ISO-5210 Flange	ØJ	ØK	ØS (PCD)	ØM	KEY
DN50	F10	125	12	102	70	6x6x35L
DN80	F10	125	12	102	70	6x6x35L
DN100	F10	125	12	102	70	8x7x35L
DN150	F10	125	12	102	70	8x7x35L
DN200	F10	125	12	102	70	8x7x35L
DN250	F12	150	12	125	85	10x8x40L
DN300	F14	175	18	140	100	10x8x40L
DN350	F16	210	22	165	130	14x8x60L
DN400	F16	210	22	165	130	14x8x60L

TOP FLANGE DIMENSIONS



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The specifications and material grades shown are subject to revision without notice based on our product improvement programme