565 Butterfly Valve Gear Wafer

Project information

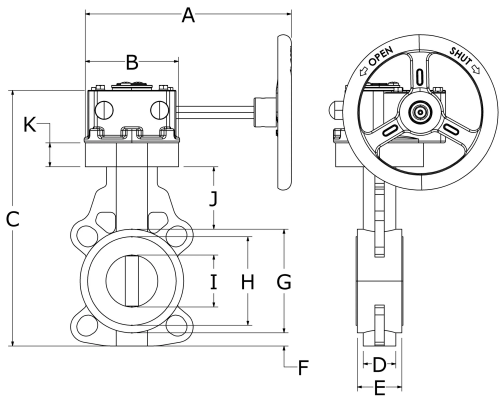
Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

Technical data

Material	Engineered Polymer
Prop 65 label required?	Yes

Product information and application use

Use 565 Gear Wafer Butterfly Valves in Schedule 80 CPVC piping systems for isolation in domestic water, hydronic hot-water heating, or chilled water applications.



	Part name	Part no.	A [inch]	B [inch]	C [inch]	D [inch]	E [inch]	F [inch]	G [inch]	H [inch]	I [inch]	J [inch]
	2" 565 Gear Wafer Butterfly Valve with EPDM Seal	150565200	7.833	3.543	9.717	1.24	1.693	0.5	3.937	3.366	1.972	2.374
	2-1/2" 565 Gear Wafer Butterfly Valve with EPDM Seal	150565201	7.833	3.543	10.735	1.24	1.811	0.846	4.764	4.154	2.445	2.22
	3" 565 Gear Wafer Butterfly Valve with EPDM Seal	150565202	7.833	3.543	11.233	1.24	1.811	0.784	5.433	4.823	3.035	2.11
	4" 565 Gear Wafer Butterfly Valve with EPDM Seal	150565203	7.833	3.543	12.646	1.516	2.047	0.974	6.24	5.61	3.823	2.526
✔	5" 565 Gear Wafer Butterfly Valve with EPDM Seal	150565204	7.833	3.543	13.726	1.516	2.205	0.958	7.362	6.673	4.807	2.5
	6" 565 Gear Wafer Butterfly Valve with EPDM Seal	150565205	7.833	3.543	14.56	1.693	2.205	0.926	8.386	7.657	5.772	2.343
	8" 565 Gear Wafer Butterfly Valve with EPDM Seal	150565206	7.833	3.543	16.508	1.693	2.362	1.012	10.496	9.764	7.835	2.094
	10" 565 Gear Wafer Butterfly Valve with EPDM Seal	150565207	8.319	4.921	20.333	2.185	2.677	1.289	12.815	11.969	9.709	3.022
	12" 565 Gear Wafer Butterfly Valve with EPDM Seal	150565208	8.318	4.921	22.559	2.264	3.071	1.584	14.961	14.094	11.598	2.807

	Part name	Part no.	K [inch]	End Type 1	Operating Temperature 1 [°F]	Weight per UOM [lbs/UOM]
	2" 565 Gear Wafer Butterfly Valve with EPDM Seal	150565200	0.906	WAFER 2"	73 °F (23 °C) at 232 psi (23 °C)	5.19
	2-1/2" 565 Gear Wafer Butterfly Valve with EPDM Seal	150565201	0.906	WAFER 2-1/2"	73 °F (23 °C) at 232 psi (23 °C)	5.7
	3" 565 Gear Wafer Butterfly Valve with EPDM Seal	150565202	0.906	WAFER 3"	73 °F (23 °C) at 232 psi (23 °C)	6.08
	4" 565 Gear Wafer Butterfly Valve with EPDM Seal	150565203	0.906	WAFER 4"	73 °F (23 °C) at 232 psi (23 °C)	7.84
✔	5" 565 Gear Wafer Butterfly Valve with EPDM Seal	150565204	0.906	WAFER 5"	73 °F (23 °C) at 232 psi (23 °C)	9.09
	6" 565 Gear Wafer Butterfly Valve with EPDM Seal	150565205	0.906	WAFER 6"	73 °F (23 °C) at 232 psi (23 °C)	11.15
	8" 565 Gear Wafer Butterfly Valve with EPDM Seal	150565206	0.906	WAFER 8"	73 °F (23 °C) at 145 psi (23 °C)	13.9
	10" 565 Gear Wafer Butterfly Valve with EPDM Seal	150565207	0.906	WAFER 10"	73 °F (23 °C) at 145 psi (23 °C)	22.35
	12" 565 Gear Wafer Butterfly Valve with EPDM Seal	150565208	0.906	WAFER 12"	73 °F (23 °C) at 87 psi (23 °C)	30.68

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Part name	Part no.	Codes	Standards	Listings
565 Butterfly Valve Gear Wafer	All	UPC|IMC|IPC|IBC|IRC|UMC|NSPC	NSF/ANSI/CAN 61|NSF/ANSI/CAN 372|ISO 9393-2|EN 12266-1|EN ISO 16136|ISO 7005 PN10/16|EN 1092 PN10/16|DIN 2501 PN10/16|BS 4504 PN10/16|BS 1560: 1989 Class 125/150|JIS B2220 10K|JIS B2239 10K|ANSI/ASME	NSF-61-372

Installation

Ensure pipes are aligned and flanges are clean. Provide sufficient distance between flange ends and properly place the valve, aligning the bolt holes with the flanges. Position the valve disc slightly open (5 to 10 degrees) to avoid obstructions. Ensure the disc can open and close completely. Tighten the flange screws crosswise to the specified tightening torque. If using stainless-steel screws, pretreat thread with suitable assembly paste. Perform a functional test by closing the valve completely and opening it again.

Related applications

Domestic Water

Hydronic Piping

Footnotes

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Contact information

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