565 Butterfly Valve Gear Lug

Project information

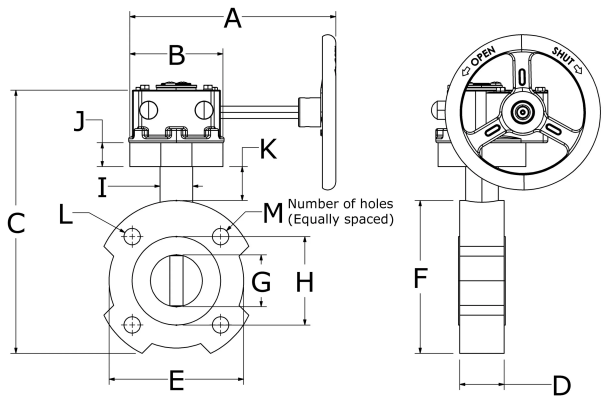
Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

Technical data

Material	Engineered Polymer
Prop 65 label required?	Yes

Product information and application use

Use 565 Gear Lug 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 Lug Butterfly Valve with EPDM Seal	150576200	7.833	3.543	10.008	1.693	5.118	5.811	1.972	3.366	1.24	0.906
	2-1/2" 565 Gear Lug Butterfly Valve with EPDM Seal	150576201	7.833	3.543	10.689	1.811	5.906	6.626	2.445	4.154	1.24	0.906
	3" 565 Gear Lug Butterfly Valve with EPDM Seal	150576202	7.833	3.543	11.327	1.811	6.772	7.335	3.035	4.823	1.24	0.906
	4" 565 Gear Lug Butterfly Valve with EPDM Seal	150576203	7.833	3.543	12.732	2.047	7.874	8.531	3.823	5.61	1.516	0.906
	5" 565 Gear Lug Butterfly Valve with EPDM Seal	150576204	7.833	3.543	13.823	2.205	8.78	9.657	4.807	6.673	1.516	0.906
✔	6" 565 Gear Lug Butterfly Valve with EPDM Seal	150576205	7.833	3.543	14.654	2.205	9.961	10.665	5.772	7.657	1.693	0.906
	8" 565 Gear Lug Butterfly Valve with EPDM Seal	150576206	7.833	3.543	16.559	2.362	11.949	12.945	7.835	9.764	1.693	0.906
	10" 565 Gear Lug Butterfly Valve with EPDM Seal	150576207	8.319	4.921	20.475	2.677	14.567	15.772	9.709	11.969	2.185	0.906
	12" 565 Gear Lug Butterfly Valve with EPDM Seal	150576208	8.319	4.921	22.767	3.071	17.323	18.701	11.598	14.094	2.264	0.906

	Part name	Part no.	K [inch]	L [inch]	M [inch]	End Type 1	Operating Temperature 1 [°F]	Weight per UOM [lbs/UOM]
	2" 565 Gear Lug Butterfly Valve with EPDM Seal	150576200	1.291	0.625	4	LUG 2"	73 °F (23 °C) at 232 psi (23 °C)	6.79
	2-1/2" 565 Gear Lug Butterfly Valve with EPDM Seal	150576201	1.157	0.625	4	LUG 2-1/2"	73 °F (23 °C) at 232 psi (23 °C)	7.5
	3" 565 Gear Lug Butterfly Valve with EPDM Seal	150576202	1.087	0.625	4	LUG 3"	73 °F (23 °C) at 232 psi (23 °C)	8.59
	4" 565 Gear Lug Butterfly Valve with EPDM Seal	150576203	1.295	0.625	8	LUG 4"	73 °F (23 °C) at 232 psi (23 °C)	11.43
	5" 565 Gear Lug Butterfly Valve with EPDM Seal	150576204	1.26	0.75	8	LUG 5"	73 °F (23 °C) at 232 psi (23 °C)	13.44
✔	6" 565 Gear Lug Butterfly Valve with EPDM Seal	150576205	1.083	0.75	8	LUG 6"	73 °F (23 °C) at 232 psi (23 °C)	15.73
	8" 565 Gear Lug Butterfly Valve with EPDM Seal	150576206	0.709	0.75	8	LUG 8"	73 °F (23 °C) at 145 psi (23 °C)	19.58
	10" 565 Gear Lug Butterfly Valve with EPDM Seal	150576207	1.496	0.875	12	LUG 10"	73 °F (23 °C) at 145 psi (23 °C)	30.63
	12" 565 Gear Lug Butterfly Valve with EPDM Seal	150576208	0.858	0.875	12	LUG 12"	73 °F (23 °C) at 87 psi (23 °C)	43.17

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Part name	Part no.	Codes	Standards	Listings
565 Butterfly Valve Gear Lug	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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