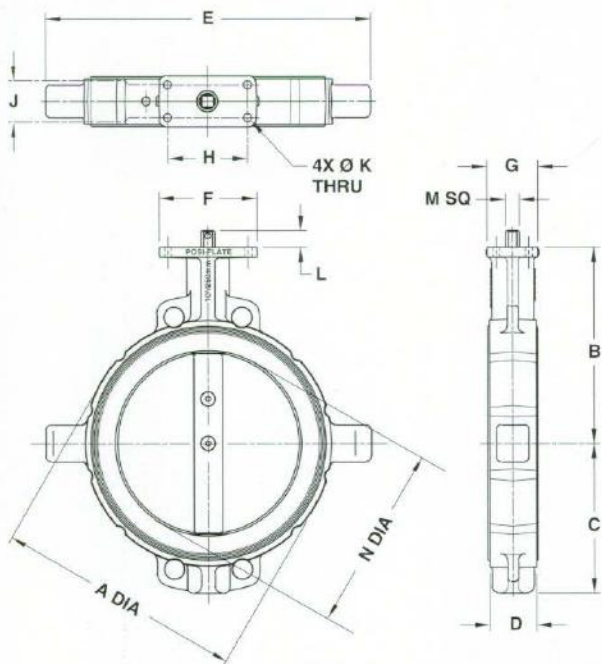


Valve Size		Posi-flate Butterfly Valve Series 485, 486, 487 and 488 Dimensions* (Inches)													Approx. Weight (Pounds)	Normal Torque (Inch Pounds)	
		A	B	C	D	E	F	G	H	J	K	L	M	N		Min.	Max.
2"	50mm	4.52	4.50	2.91	1.62	6.50	4.00	2.12	3.25	1.17	.31	.78	.43	1.99	8	40	450
3"	80mm	5.65	5.56	3.57	1.75	8.19	4.00	2.12	3.25	1.17	.31	.81	.43	2.89	10	80	450
4"	100mm	6.88	7.58	4.42	2.00	8.88	4.00	2.12	3.25	1.17	.31	.70	.43	3.88	16	130	450
5"	125mm	7.75	7.95	6.05	2.12	9.62	4.00	2.12	3.25	1.17	.31	.86	.55	4.92	19	260	450
6"	150mm	8.75	7.95	6.05	2.12	10.69	4.00	2.12	3.25	1.17	.31	.86	.55	5.88	22	300	450
8"	200mm	11.12	9.87	7.24	2.50	14.00	5.25	2.75	4.31	1.75	.38	.88	.75	7.86	37	540	700
10"	250mm	13.31	10.56	8.06	2.50	17.50	5.25	2.75	4.31	1.75	.38	.93	.75	9.81	45	860	1300
12"	300mm	15.50	14.28	9.52	3.00	20.25	4.00	4.00	2.84	2.84	.44	1.25	.87	11.83	80	1240	2480
14"	350mm	17.72	16.00	10.50	3.00	22.00	4.00	4.00	2.84	2.84	.44	1.02	.87	13.08	150	2100	6200
16"	400mm	19.75	16.93	11.75	4.00	24.75	4.62	4.62	3.48	3.48	.53	1.29	1.06	15.02	180	3500	9600
18"	450mm	21.75	15.84	13.30	4.25	27.71	7.37	4.62	3.48	3.48	.53	1.29	1.06	17.13	235	4800	12150
20"	500mm	23.75	17.38	14.38	5.00	30.00	7.37	5.50	3.90	3.90	.69	1.57	1.42	18.68	275	7800	15600
24"	600mm	28.00	19.12	16.49	5.94	34.50	8.00	5.75	3.90	3.90	.69	1.48	1.42	22.65	420	9400	18800
30"	750mm	35.88	23.00	21.00	6.62	43.00	8.00	5.75	3.90	3.90	.69	1.56	1.42	28.41	750	11000	22000

* Series 485 available in 5" (125mm) to 30" (750mm). Series 486 available in 2" (50mm) to 30" (750mm). Series 487 available in 4" (100mm). Series 488 available in 2" (50mm) and 3" (80mm).



Available Materials of Construction:

Housing: Cast iron, stainless steel, aluminum, nickel-plated cast iron, epoxy coated cast iron, nylon coated cast iron

Resilient Seat: EPDM, Buna-N, polyurethane, fluoroelastomer, FDA silicone, FDA white Buna-N, FDA white EPDM, FDA white fluoroelastomer

Disc: Cast iron, 316 stainless steel (satin or polished), molded nylon. PTFE, nickel and nylon coating available

Bearings: Polymer, bronze

Disc Screws: Carbon steel, stainless steel

Shaft: Zinc-plated carbon steel, 316 stainless steel

Shaft Seal: Buna-N, fluoroelastomer

Housing Gasket: Buna-N (Series 486, 487, 488)

Retaining Ring: Carbon steel, stainless steel

Housing Bolts: Carbon steel, stainless steel

All specifications subject to change without notice. Customized materials available.

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Made in the U.S.A.

Foreign patents pending.

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Temperature limits: -40° to 300° F (-40° to 150° C), varies with application and materials of construction.

Air supply: 115 PSIG (7.9 bar) maximum to seat, varies with application.

Working pressure: Full vacuum to 100 PSIG (6.9 bar), varies with materials of construction.

Operating torque: Varies with application.

SERIES 485

Single piece housing with disc and shaft. Sizes 5" (125mm) to 30" (750mm).

SERIES 486

Split housing with integral stainless steel disc and shaft or integral molded nylon disc and stainless steel shaft. Sizes 2" (50mm) to 30" (750mm).

SERIES 487

Split housing with disc and shaft. Size 4" (100mm).

SERIES 488

Split housing with integral cast iron disc and shaft. Sizes 2" (50mm) and 3" (80mm).

posi-flate®
butterfly valves

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