

# The Type 565

## Pneumatically Actuated Wafer Style Butterfly Valve

The Type 565 Butterfly Valve is designed as a tough, yet lightweight direct replacement for typical metal butterfly valves. It is rated at PN16 for sizes 2"-6", PN10 for sizes 8"-10", and PN6 for size 12".

### Part Numbers

#### Fail-Close

Size (Inch)	EPDM	FKM
2	199565500	199565520
2½	199565501	199565521
3	199565502	199565522
4	199565503	199565523
5	199565504	199565524
6	199565505	199565525
8	199565506	199565526
10	199565507	199565527
12	199565508	199565528

#### Fail-Open

Size (Inch)	EPDM	FKM
2	199565540	199565560
2½	199565541	199565561
3	199565542	199565562
4	199565543	199565563
5	199565544	199565564
6	199565545	199565565
8	199565546	199565566
10	199565547	199565567
12	199565548	199565568

#### Double Acting

Size (Inch)	EPDM	FKM
2	199565600	199565620
2½	199565601	199565621
3	199565602	199565622
4	199565603	199565623
5	199565604	199565624
6	199565605	199565625
8	199565606	199565626
10	199565607	199565627
12	199565608	199565628



# Valve Seals

## Reinforced Disc

The Type 565 Butterfly Valve is designed with a reinforced PVDF disc for improved strength. This rugged design is impact resistant, but does not compromise easy operation. The wetted PVDF disc material features superior surface finish and lubricity, while its Durethan® reinforcement provides lightweight toughness.



## Replacement Seat Liner

The seat liner of the Type 565 Butterfly Valve is removable. If desired, the seat liner can be replaced with either an EPDM or FKM variant.



Size (Inch)	EPDM	FKM
2	199565930	199565940
2½	199565931	199565941
3	199565932	199565942
4	199565933	199565943
5	199565934	199565944
6	199565935	199565945
8	199565936	199565946
10	199565937	199565947
12	199565938	199565948

## Double Redundant Seals

The Type 565 Butterfly Valve features a truly non-wetted shaft design. The shaft is isolated from the flow media by utilizing a disc-hub seal and double redundant o-rings. This industry tested design ensures a reliable seal for a variety of applications.



## Replacement O-Ring

The o-ring on the Type 565 Butterfly Valve can be replaced with either an EPDM or FKM variant.



Size (Inch)	EPDM	FKM
2-3	199565951	199565961
4-5	199565952	199565962
6-8	199565953	199565963
10-12	199565954	199565964

# Feedback

## Inductive Double Switches

The electrically actuated Type 565 Butterfly Valve is offered with inductive switches that signal the CLOSED or OPEN position of the valve via an electric signal to a controller supplied by the customer. This feedback system can be added with the valve in-line with out removing the operator.

## Switch Part Numbers

The switch for the Type 565 Butterfly Valve provides electrical feedback to signal the valve's position.



Open Signal Color	Closed Signal Color	Output Circuit	Part Number
LED red	LED green	PNP	198546001
LED green	LED red	PNP	198546002

# Pneumatic Operators

## Single Acting Pneumatic Actuator: Fail-Open(FO) and Fail-Close(FC)

The Pneumatically Actuated 565 Butterfly Valve is offered with a spare single acting pneumatic actuator. The FO actuator actuates open when signal is lost, while the FC actuator actuates closed when signal is lost.

## Double Acting(DA) Pneumatic Actuator

The Pneumatically Actuated 565 Butterfly Valve is offered with a spare double acting pneumatic actuator. The DA actuator requires separate signals to open and close.

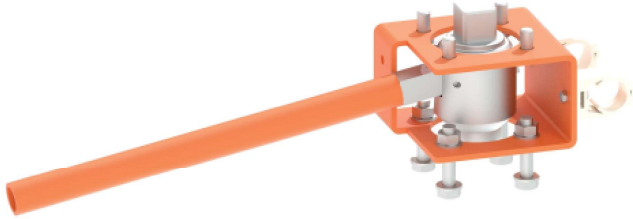


Size (inch)	Part Number			Type	Max. Torque		Mounting Pad	
	FC	FO	DA		FC and FO	DA	FC and FO	DA
2-2 1/2	198811617	198811627	198811618	PA30	30	42	F05/07	F03/05
3	198811601	198811628	198811628	PA35	53	56	F05/07	F05/07
4	198811609	198811629	198811604	PA40	60	100	F05/07	F05/07
5	198811603	198811630		PA45	90		F07/10	
6	198811610	198811631	198811606	PA55	180	169	F07/10	F07/10
8	198811652	198811653	198811614	PA60	240	225	F07/10/12	F07/10
10	198811607	198811633	198811608	PA65	360	338	F10/12	F07/10
12	198811612	198811634	198811615	PA70	480	450	F10/12	F10/12

# Additional Operators

## Manual Override

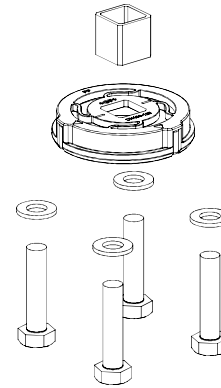
A manual override is offered for the Electrically Actuated 565 Butterfly Valve as an optional accessory. The declutchable design allows manual override to operate the valve while the electric actuator is still attached.



Size (Inch)	Part Number
2-3	199565914
4-5	199565915
6-8	199565916

## Intermediate Element

An intermediate element is offered for the Electrically Actuated Type 565 Butterfly Valve. This product is used to mount an electric actuator to a valve that does not currently have an electric actuator. This kit is not needed when purchasing the fully assembled Electrically Actuated Type 565 Butterfly Valve.



Size (Inch)	FC and FO	DA
2-2 1/2	199565921	199565920
3	199565922	199565921
4	199565923	
5	199565924	199565923
6	199565925	199565925
8	199565926	199565925
10	199565927	199565926
12	199565928	199565927