

VF-264

VALUE VALVE VF-264 INDUSTRIAL DOUBLE ECCENTRIC BUTTERFLY VALVE



Pre-Formed Heat Shrunk Disc Edge



Hard Rubber Lining





Value Valve Model VF-264 Double Flanged Industrial Butterfly Valve

Sizes:

14.0" through 104.0"

Features:

- Industrial grade components for long life
- Double Eccentric Disc for long seat life
- Seat below 54" is vulcanized to solid steel ring for maximum durability
- Easily replaceable by removing the retaining ring using jack screws
- Hundreds of installations in demanding applications
- World renowned Taiwan metallurgy, full traceability, certified test

Benefits:

- Long life in the most demanding applications
- Easily repaired without removing from line
- Long seat life utilizing Double Eccentric design
- Many seat materials available
- Factory witness test

General:

Value Valve VF-264 Industrial Butterfly Valve is bubble tight against rated pressures. They utilize features and benefits appreciated by heavy industrial users and have been used in the most demanding applications. The VF-264 was one of the original products manufactured by Value Valve.

Face to Face:

Lay length per AWWA C-504-00, Class 150B, Table 1, for users who want standardization of face to face

Pressure Rating:

Standard to 150 psig bubble tight, higher on application

Connections:

Flat faced flanged per AWWA C-504-00 Table 2, ANSI B16.1, Class 125#

Body:

Cast Iron A-126B or Ductile Iron A395

Disc:

Double Eccentric Ductile Iron, 304SS or 316SS with pre-formed and heat shrunk 304SS or 316SS tubing disc edge. Hard rubber lined on request.

Seat:

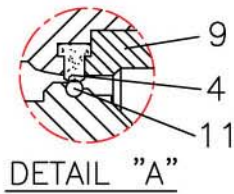
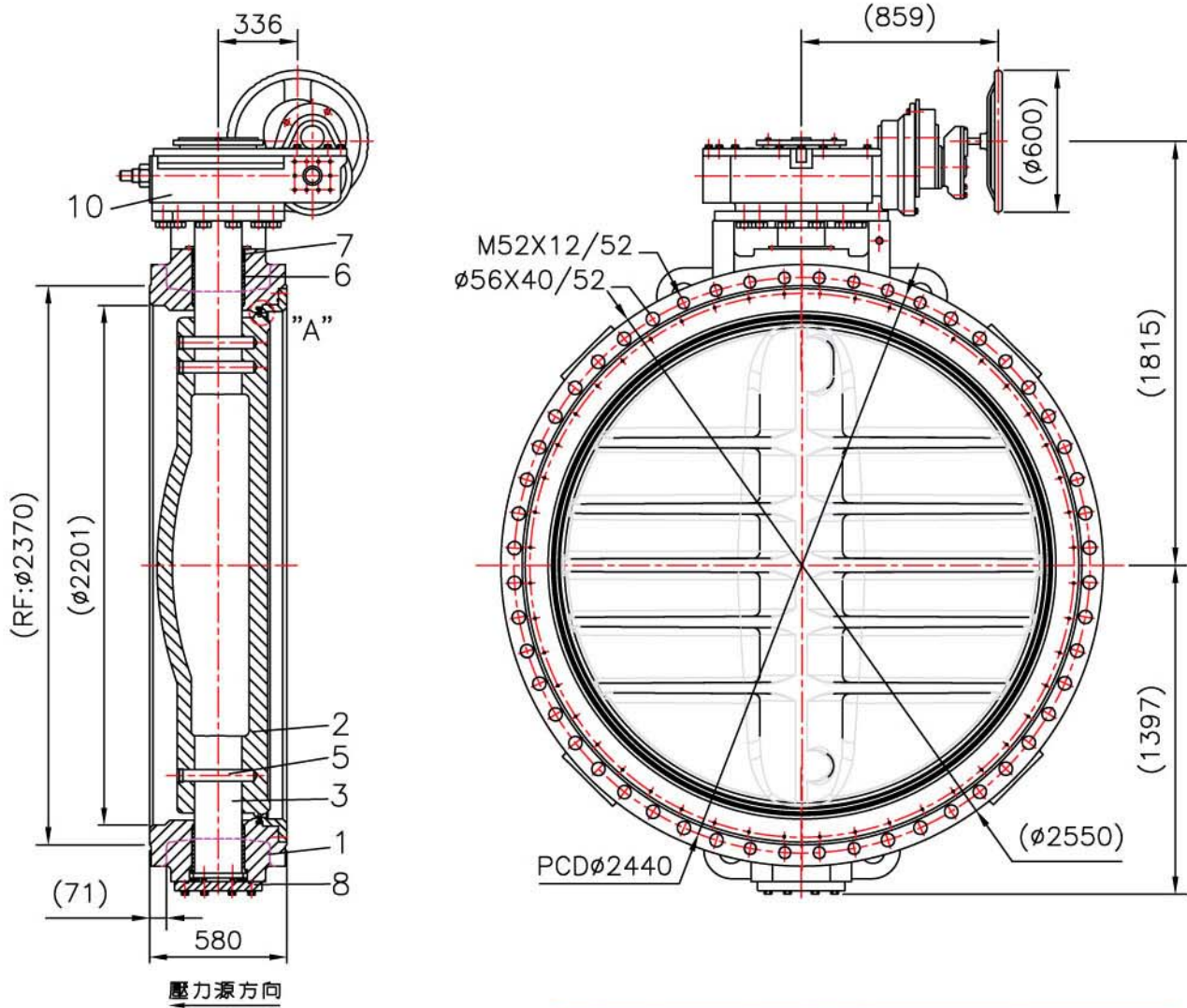
Replaceable rubber seat

14" -54" vulcanized to metal ring and inserted into body

60" and above solid rubber ring without penetrations

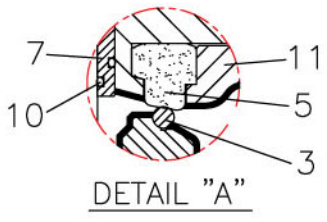
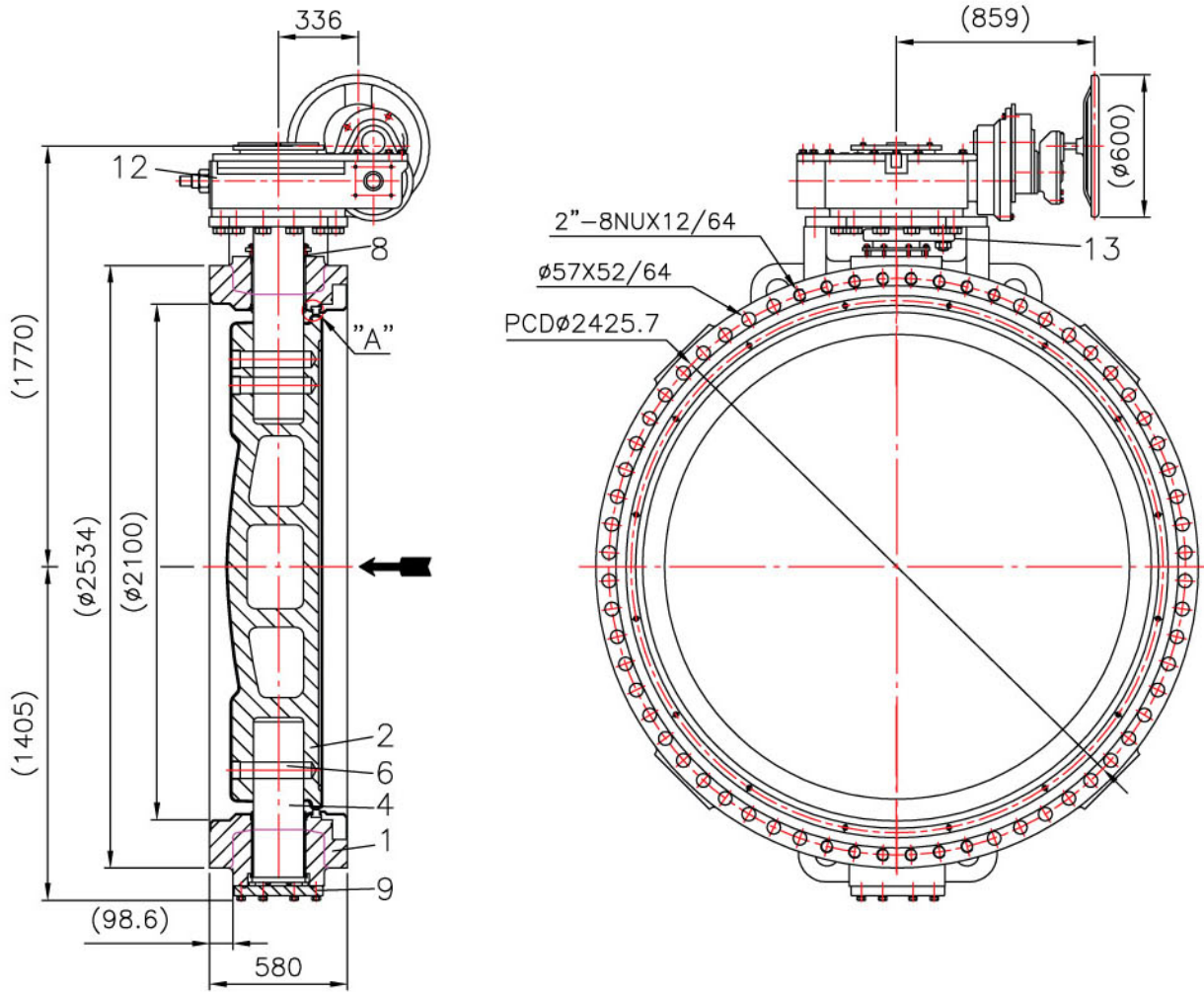
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STANDARD DESIGN



ITEM NO.	PART NAME	Q'TY	MATERIAL
1	BODY	1	ASTM A126-B
2	DISC	1	ASTM A395
3	STEM	2	ASTM A182 F304
4	SEAT	1	EPDM
5	PIN	3	ASTM A182 F304
6	BUSHING	2	ASTM B62
7	GLAND	1	ASTM B62
8	BOTTOM COVER	1	ASTM A126-B
9	SET RING	1	ASTM A395
10	GEAR BOX (A7+S7.8+S4)	1	ASTM A536-65-45-12
11	DISC EDGE	1	ASTM A182 F304

HARD RUBBER LINED



ITEM NO.	PART NAME	Q'TY	MATERIAL
1	BODY	1	ASTM A126B+HRL
2	DISC	1	ASTM A395+HRL
3	DISC EDGE	1	ASTM A182 F316
4	STEM	2	ASTM A182 F304
5	SEAT	1	NBR
6	PIN	3	ASTM A182 F316
7	BUSHING	2	ASTM B62
8	GLAND	1	ASTM B62
9	BOTTOM COVER	1	AS BODY
10	O-RING	4	NBR
11	SET RING	1	ASTM A395+HRL
12	GEAR BOX (A7+S7.8+S4)	1	ASTM A536-65-45-12
13	LOCK DEVICE	1	ASTM A536-65-45-12

Suggested Specifications

Reliant VF-264, 14.0" thru 104.0" INDUSTRIAL

General:

All butterfly valves shall be double eccentric, bubble tight rubber seated design, Valves shall be bubble tight at rated pressure in either direction and shall be suitable for throttling service and operation after long periods of inactivity. Valve shall be Value Valve VF-264 or approved equal.

Body:

All valve bodies shall be constructed of Cast Iron ASTM A126, Class B or Ductile Iron ASTM A536, grade 65-45-12 as specified. Flange drilling shall be per ANSI B16.1,

Disc:

Disc shall be constructed of Ductile Iron ASTM A536, grade 65-45-12, A351 CF8 (304SS) or A351 CF8M (316SS) with a 304SS or 316SS disc edge that is pre-formed and heat shrunk to the disc edge. Sprayed on or plasma applied edges are not acceptable.

Seat:

Seats shall be adjustable and replaceable in the field without special tools and shall be retained in the valve body by a full face retaining ring with jack screws for easy removal. Seat shall be vulcanized rubber over rigid stainless steel through 54", over 54" shall be solid rubber, T-shaped and shall not have retainers or bolts that penetrate the seat. Valves with rubber seats on the disc edge or seats that are injected into the body are not acceptable. Material shall be specified as EPDM, Buna N, Neoprene, or Viton

Shaft:

Valves shall have one piece through shaft of ASTM A184, 410SS, 304SS or 316SS and shall be fastened to disc utilizing taper pins, providing a leak proof connection between the shaft and the disc.

Bearings:

All shaft bearings shall be self lubricating corrosion resistant sleeve type, designed for horizontal or vertical operation.

Packing:

Packing design shall be packed O-Ring type

Paint:

Valve bodies shall be coated with 2 -part epoxy polyurethane. Disc shall be . 2 -part epoxy polyurethane, Nylon 11 or Hard Rubber lined for maximum life.

Testing:

Valve shall be hydrostatic and leak tested, certified test report and material certificates shall be available by request