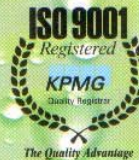




Accredited by
the Dutch Council
for Certification



Dembla
DEMBLA VALVES
PRIVATE LIMITED



BUTTERFLY CONTROL VALVES

Aiming at Perfection

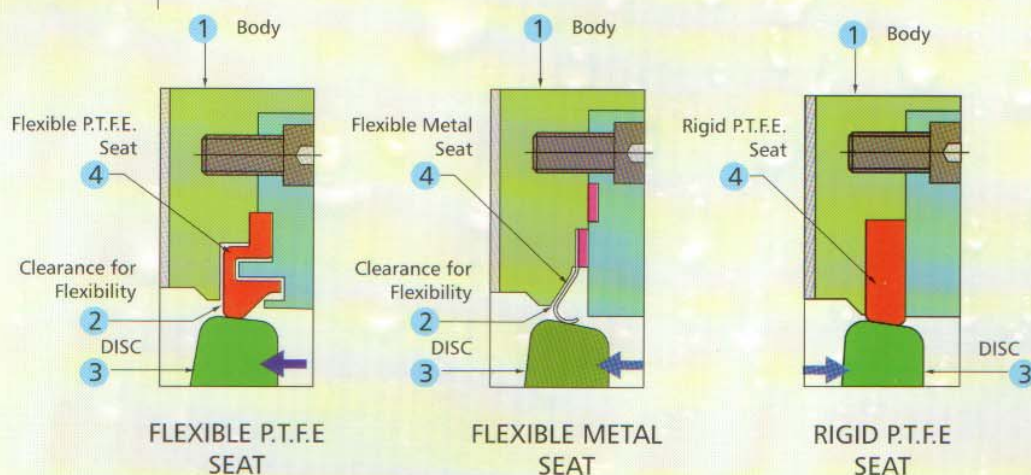
BUTTERFLY CONTROL VALVES

Dembla offers Wafer Type Butterfly Valves in various designs for control and shutoff applications. These valves are available or manufactured in variety of materials and end connection standards, to suit customer specifications. A wide range is available in order to comply with many types of valve operations and applications in regulating process control and on-off sequences. These valves are suitable to control the flow of liquids, gases, pulps, uncleaned fluids and residues in the form of fine powder.

SERIES 7400

Series 7400 Butterfly Valves utilises wafer body single offset disc design. The valve provides long lasting tight shut off, and long service life. It offers excellent throttling characteristics. The valves are available with a wide variety of body, disc and seat materials options.

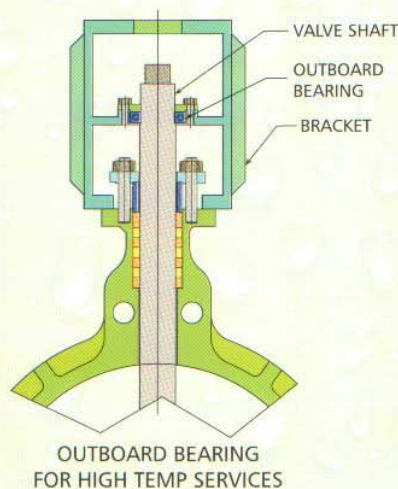
- Light weight compact body construction.
- Optimal disc geometry and cavity free flow passage offers minimum flow resistance and high Cv values.
- Heavy-duty pins connecting valve shaft to disc avoid lost motion under high torque conditions.
- Long life, easy field replaceable seat placed in body, away from flow stream provide bubble tight shut off conditions. Valves are equally suitable for control and tight shut off applications.
- Low friction bearings provide maximum radial support for higher shaft loads. The PTFE lined bearings having low co-efficient of friction that minimises operating torque and reduces actuator size. They are slip in-place type, easy for assembly & disassembly.
- For high temperature application the valves are provided with external board bearings, extended bonnets and heavy duty finned brackets to isolate the actuator completely from the effect of fluid temperature. For these valves discs and shafts are stellited optionally.
- Fire safe designs as per API 609 manufacturing standards are available on request.



SERIES 7100

Series 7100 Valves designed with Centre disc, metal to metal contact are suitable for the applications where tight shut off is not essential. Valves are suitable equally for control duty and on-off applications.

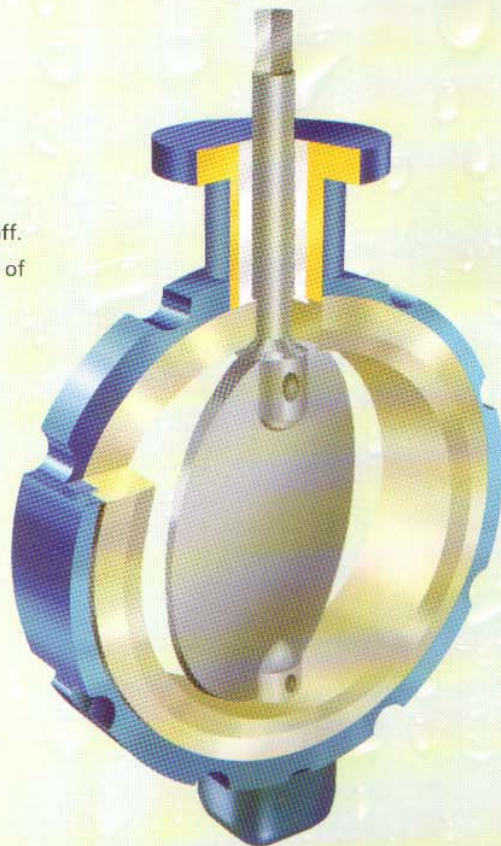
- Light weight compact body construction.
- Cavity free, straight through body passage offers minimum flow resistance and high Cv values.
- Heavy-duty pins connecting valve shaft to disc avoid lost motion under high torque conditions.
- Low friction bearings provide maximum radial support for higher shaft loads. The PTFE lined bearings having low co-efficient of friction that minimises operating torque and reduces actuator size. They are slip in-place type, easy for assembly & disassembly.
- For high temperature applications the valves are provided with external board bearings, extended bonnets and heavy duty finned brackets to isolate the actuator completely from the effect of fluid temperature. For these valves discs and shaft are stellited optionally.



SERIES 7200

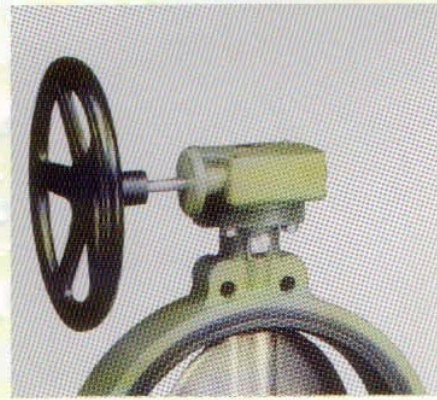
Series 7200 Valves are Elastomer Sleeve Water Type Butterfly Valves.

- Light weight compact body construction.
- Cavity free, straight through body passage offers minimum flow resistance and high Cv values.
- Easily replaceable rubber sleeve provides bi-directional tight shut off.
- Wide range of rubber sleeve material choice for suitability to variety of applications.
- Rounded, polished disc edge provides full concentric sealing, lower actuating torque, longer seal life and positive shut off in closed position.
- Disc and sleeve design provides a preloaded contact between flatted sleeve hub surface and rounded polished disc hub area for positive sealing at all disc positions.
- Dovetail sleeve retention eliminates the need for bonding sleeve with body, enables easy replacement and isolates the body and stem from flow.
- Shaft are designed for high strength and corrosion resistance.
- On request rubber encapsulated disc can be provided for superior chemical and abrasion resistance.
- Heavy-duty top bushing absorbs side thrust loads.



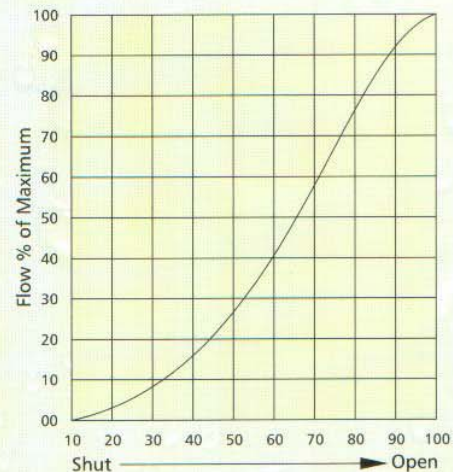
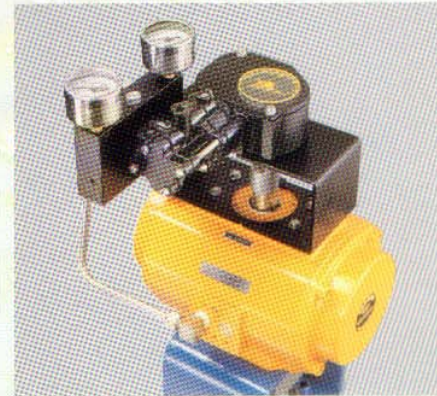
SPECIFICATIONS :

SIZE	: 50 mm thru 1050 mm
Flange Rating	: ANSI 150/300 and equivalent in BS DIN standards.
Pressure Rating	: Max. 16.0 Bar
Temp. Range	: -34°C to 600°C (Max. temp. 160°C for series 7200)
Cv Range	: 55 to 72000 US GPM
Characteristics	: Throttling and On/Off
Material Body	: Carbon Steel/Stainless Steels/Alloy Steels
Trim	: Stainless Steels Alloy Steels/Heat resistant Super Alloy Steels. Body & Trim also available in materials conforming to the requirement of NACE standard MR-01-75.



Cv - Value US - GPM - FOR SERIES 7100

VALVE SIZE (MM)	OPEN 60°	OPEN 90°
50	55	110
65	90	180
80	140	280
100	220	440
125	600	1350
200	1000	2900
300	2400	5400
250	1700	3825
350	3300	7425
400	4200	9450
450	5200	11700
500	6800	15300
600	9800	22050
700	14000	31500
750	15000	33750
800	16000	36000
900	23000	51750
1000	29000	65250
1050	32000	72000



ACTUATOR OPTIONS

single acting and double acting rotary high power actuator provide total economical valve package. Hand Wheel and fail safe arrangement are available as options. Diaphragm actuators are also available on request. For fire safe designed valves gear operators are available on request.

ACCESSORIES OPTIONS

Full range of accessories can be integrated to the valve actuating system to meet specific plant requirements. Single Acting / Double Acting Pneumatic / Electro Pneumatic Valve Positioner, Position Feedback Transmitter, Air Filter Regulator, I/P Converter, Solenoid Valve, Limit Switches, Air Lock Relay, Volume Booster and Quick Exhaust Valve as accessories can be offered.



DEMBLA VALVES PVT. LTD.
POST BOX NO. 108, THANE - 400 601
MAHARASHTRA, INDIA.

REGISTERED OFFICE & WORKS
GALA COMPOUND, PURNA VILLAGE,
THANE - BHIWANDI - AGRA ROAD,
DIST. THANE - 421 302.
MAHARASHTRA, INDIA.

MARKETING OFFICE
1ST FLOOR 1, ADARSH INDUSTRIAL ESTATE,
POKHRAN ROAD No. 1, UPVAN, THANE - 400 606.
MAHARASHTRA, INDIA.
PHONE : 91-22-25429538 / 25348359 / 25346072
FAX : 91-22-2533 6320
E-Mail : dembla@bom4.vsnl.net.in
WEBSITE : <http://www.dembla.com>

BRANCHES : DELHI, CALCUTTA, PUNE, VISHAKHAPATNAM & CHENNAI.