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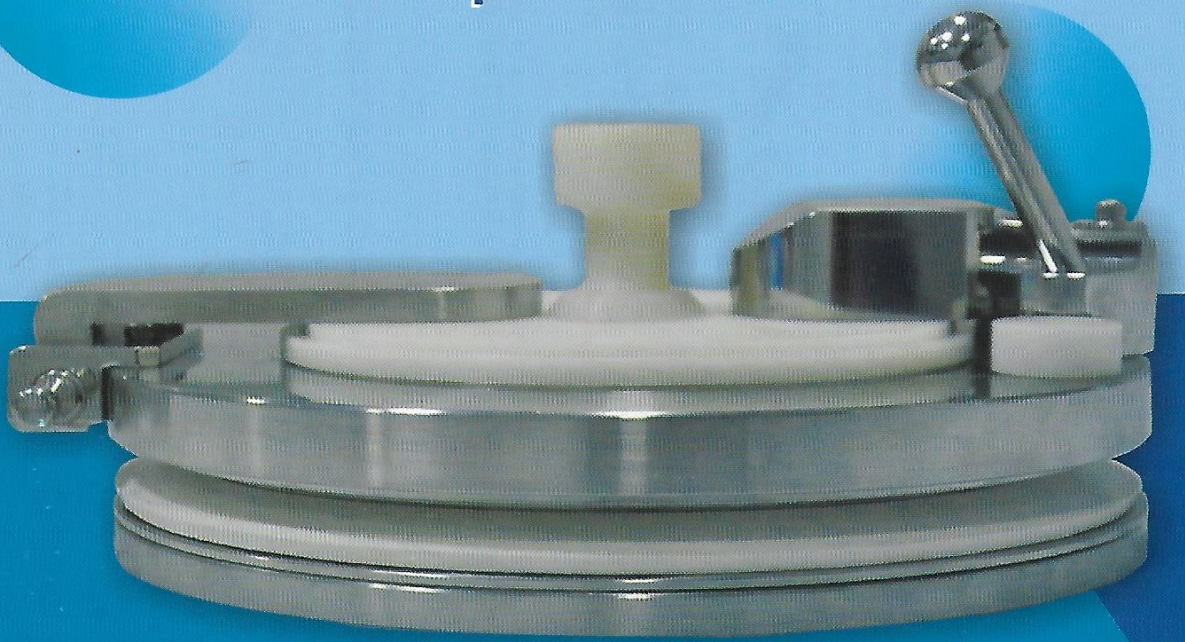
DAS ENGINEERING WORKS

AN ISO 9001 : 2015 CERTIFIED COMPANY

Rapid Transfer Port / Butterfly Valve
Split Butterfly Valve Manufacturers

Rapid Transfer Port (RTP)

The Fast & More Safety Solution
For All Transfer Operations



- Rapid Transfer Port
- Split Butterfly Valve
- Butterfly Valve
- Ball Valve / Diaphragm Valve

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Rapid Transfer Port (RTP) System

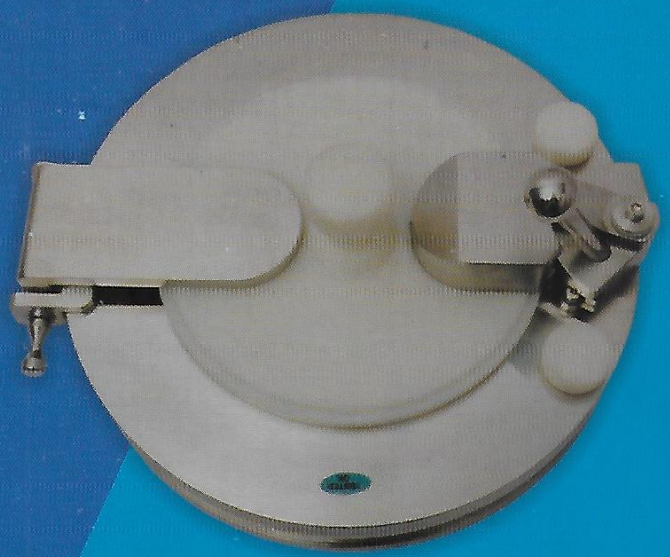


The transfer of material in & out of isolators requires specific technologies. This is also known as RTP or Alpha – Beta transfer ports. This transfer solution is now widely used for transfer of aseptic or toxic products in isolators.

The transfer system enable the user to introduce material into or to extract material from a closed barrier or to connect two devices with identical environments (e.g. isolators) without affecting their ambient characteristic. Our system is based on the interaction of two separate units – Alpha & Beta – each fitted with a door alock & a sealing function. The alpha units is mounted on a support (e.g. an isolator surface). While the beta unit is movable & seals off a container, a transfer isolator or any other suitable device.

Alpha Port





Our system of transfer adapt them selves on walls of isolator wall of cleanroom : walls of BSI either still was of PSM our system is available in following range RTP 105, 190, 270, 350, 460. Our system offers you to select the type of container : chemically sterilisable or autoclavable.

RTP has unique features ensuring safe operation.

- ★ Seal gasket for the highest containment
- ★ Size available from 4" to 18" diameter
- ★ 3-level interlock
  - Door locked when no container present
  - Door locked when container lidmissing
  - Container locked when door opened.



Beta Port

Specification : system is recognised as being the safest method for introducing & removing sterile & toxic equipment without breaking containment. RTP containers confirm to the requirements for sterilization using as autoclave & are equipped with necessary accessories for ease of use.

Application : RTP mainly used for introducing equipment (pumpbody, stoppers, capsules..) into an isolator after sterilization using an autoclave.

Key features :

- 316L stainless steel beta flange & door.
- 316L stainless steel body.

Flexible Beta

1) Body : The body is constructed from solid high quality stainless steel & beta door.
2) Beta body : The beta flange is constructed from solid high quality stainless steel.
3) Silicone seal : seal made of silicon is mounted into beta flange & HDPE Lid. It is ensure the tightness between beta door & beta flange. It ensure the tightness between alpha & beta doors. When the container is opened.



Flexible Beta Port

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Manual Butterfly Valve

Manual Butterfly Valve

These on–off valves are hygienic on/off valves for use with low and medium viscosity liquids in personal care biotech and pharmaceutical. Manual butterfly valves are economical on–off routing valves, available for either automatic or manually operated system. Due to their large opening areas these stainless steel valves offer low flow resistant allow for reversible flow direction and provide gentle treatment of low and medium viscosity product.

Technical Data for valve :-

Maximum product pressure :- 8 Bar

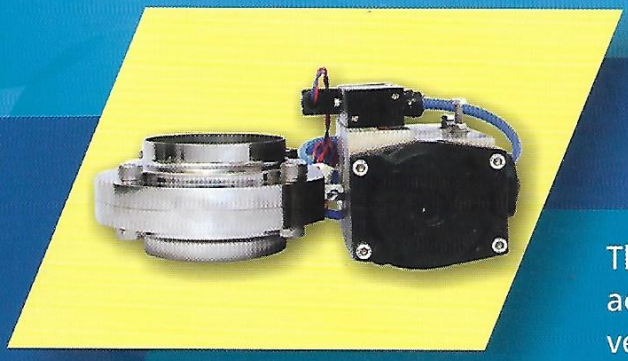
Temperature range :- (-10° C to 95° C)

MOC of seal :- EPDM

MOC of valve :- 316/316L



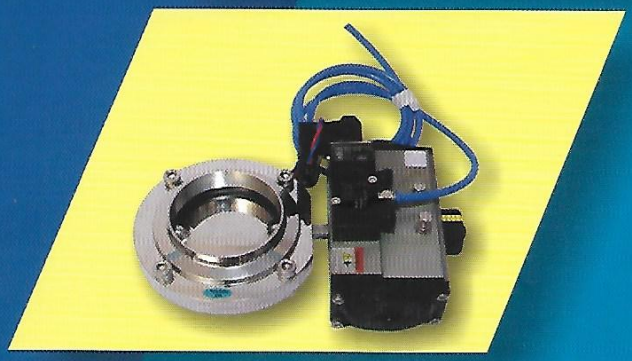




ON-OFF Valve

The standard handle has a spring – locking action. Flange type butterfly valves special version that makes it easy to remove that valve body without needing to dismantle piping set-ups. This in turn makes it easy to undertake repair service & replacement with a bare minimum of discruption.

Butterfly Valve available in 3", 4" 6" 8" size



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Manufactures & Exporters