

▶ Rotovalve



▶ Rotovalve Light

The **Rotovalve Light** is the solution offered by SteriValves to improve product flow and build-ups in the download phase.



The alternating movement of the blades allows for a constant and regular feed, thus avoiding the incorrect mixing of the product.

Thanks to its compartmented design, the Rotovalve Light is a volumetric dosage system of the product in the process phase.

For the above characteristics the **Rotovalve Light** is the ideal solution for compression machines, fillers, mills and weighing stations.

The special clamp that is supplied with the valve (quick open versions) makes it more ergonomic and sterile.

The **Rotovalve Light** is also available with a stainless steel control panel to set up rotor stops and speed revolution.

The **Rotovalve Light** is also part of the modular system offered by SteriValves. This system allows the interchangeability of all the components pertaining to the range of sanitary valves.

Technical characteristics

- ▶ Valve body in AISI 316L
- ▶ Rotor in AISI 316L
- ▶ Gasket in silicone, EPDM, viton (FDA CFR 177.2600) or PTFE when supplied
- ▶ PTFE bushings
- ▶ Clamp in AISI 304 [for the quick open versions]
- ▶ Top plate in AISI 304
- ▶ Rotary pneumatic actuator

Mediums:

- ▶ powder
- ▶ pellets
- ▶ granules

Finish:

- ▶ satin [Ra < 0.6 µm]
- ▶ ceramic sandblasting
- ▶ polished [Ra < 0.1 µm]
- ▶ electro-polished

▶ Rotovalve Heavy

The **Rotovalve Heavy** is the solution offered by SteriValves to dose powder and granules in the process phase.

Due to the spherical shape of the body and the ability to incorporate various vane and compartment configurations appropriate to the application, the **Rotovalve Heavy** provides accurate and sanitary dosing for pharmaceutical applications. These important factors make the **Rotovalve Heavy** the ideal solution for compression machines, fillers, mills, weighing stations and much more.

In comparison to standard rotary valves **Rotovalve Heavy** can work also with overpressure or vacuum. The design and the features of the valve are optimized for applications in food and pharmaceutical fields.

The special clamp that is supplied with the valve (quick open versions) makes it more ergonomic and sterile. The **Rotovalve Heavy** can be actuated by air actuators, pneumatic or electric motors.

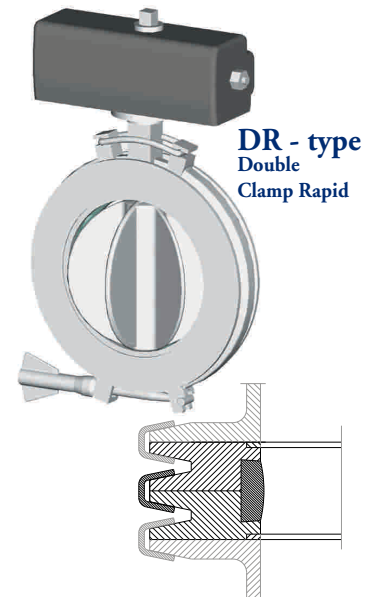
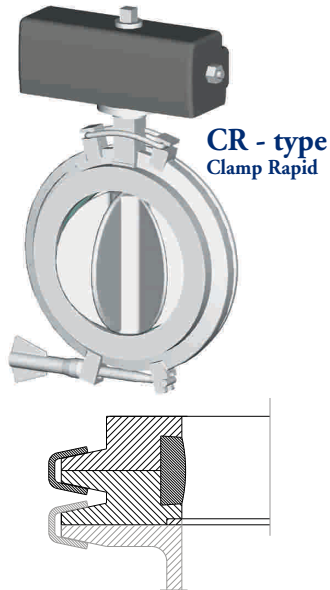
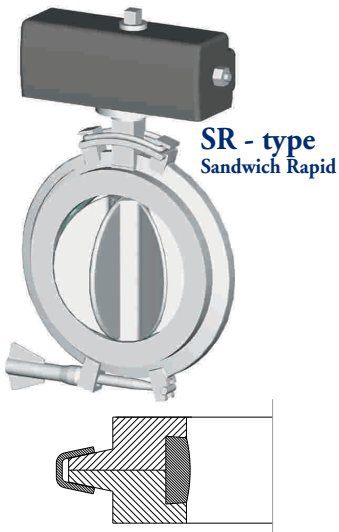
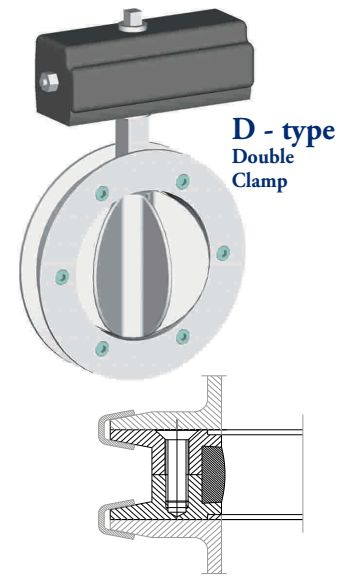
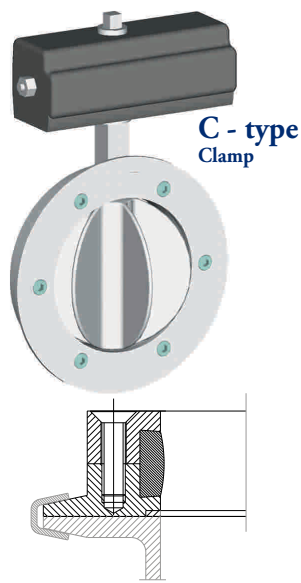
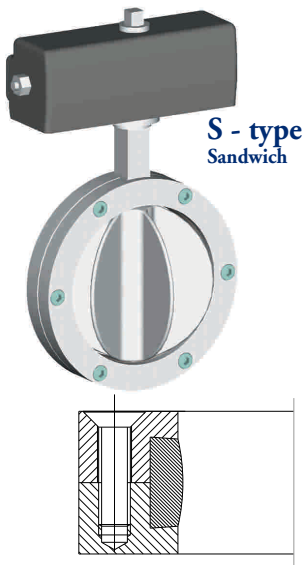


Accessories

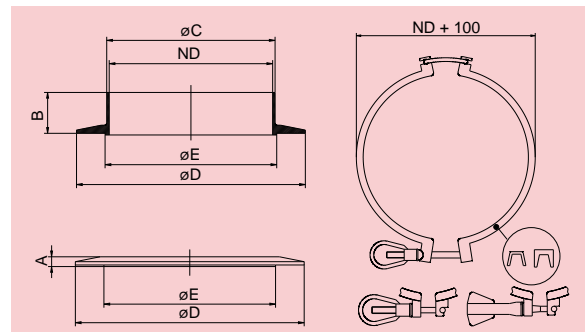
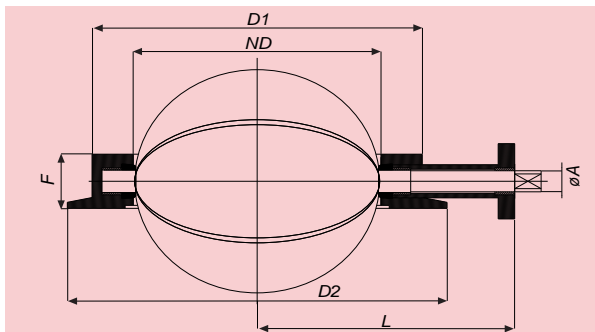
- ▶ Interface SteriFlange in AISI 316L [O-ring upon request]
- ▶ Blaking SteriPlate in AISI 316L [O-ring upon request]
- ▶ Various clamp versions in AISI 304
- ▶ Ferrules (TC, spigots), hoppers, flanges, pipes
- ▶ SilHose, SilEnd, SilCap, in transparent silicone



Types



Dimensions



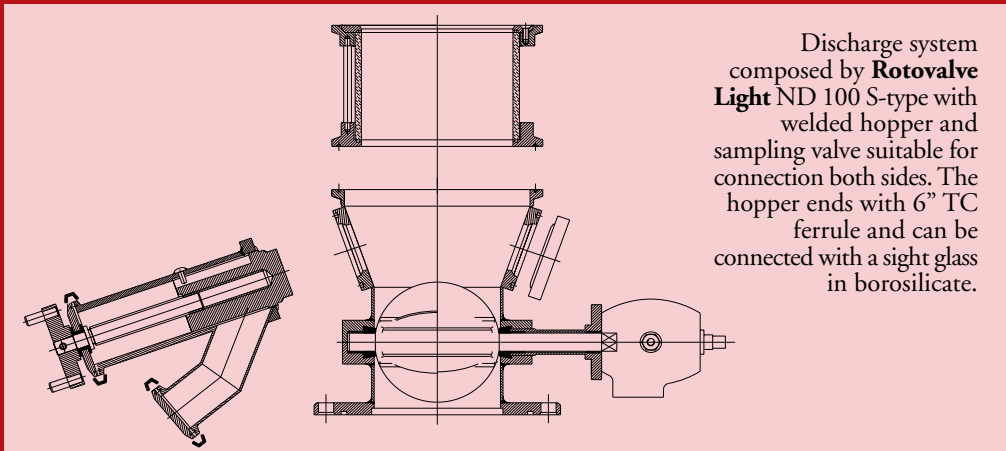
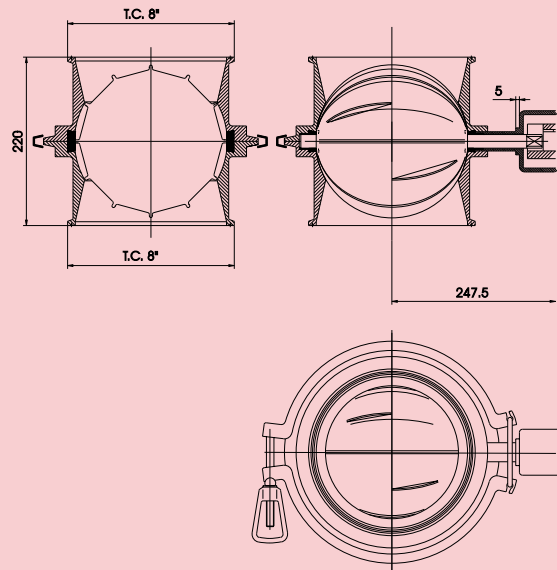
ND	D1	D2	F	L	øA
80	130	145	36	120	//10 ø15
100	150	180	36	130	//10 ø15
150	200	230	40	165	//10 ø18
200	250	280	40	190	//14 ø18
250	300	330	45	225	//14 ø22
300	350	380	45	250	//14 ø22

ND	A	B	C	D	E
80	7	50	86	145	90
100	7	50	106	180	110
150	7	50	156	230	160
200	7	50	206	280	210
250	8	50	256	330	260
300	8	50	306	380	310

► Applications



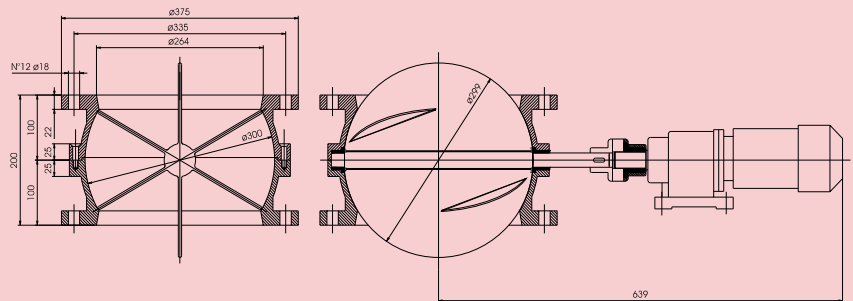
Rotovalve Heavy ND 200 SR-type with 8" special ferrules both sides, silicone gasket and stainless steel box for gear motor arranged for encoder. Special 12-pedals rotor.



Discharge system composed by **Rotovalve Light ND 100 S-type** with welded hopper and sampling valve suitable for connection both sides. The hopper ends with 6" TC ferrule and can be connected with a sight glass in borosilicate.



Flanged Rotovalve Heavy ND 300 SR-type, without gasket but with elastic joint and gear motor.



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