



### ROTOVALVE LIGHT: technical characteristics

- Valve body and Rotor in stainless steel 1.4404 (AISI 316L) or in advanced plastic FDA approved.
- Gasket in silicone, EPDM, FKM (Viton®) or PTFE: All elastomers are FDA approved (CFR § 177.2600).
- PTFE bushings.
- All Components in stainless steel EN 1.4301 (AISI 304).
- Finish: inside high polish [ $Ra < 0,1 \mu m$ ], outside satin [ $Ra < 0,8 \mu m$ ].
- Drive: rotary pneumatic actuator.

## 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 ( $0^{\circ}$ - $180^{\circ}$ ) allows a constant and regular feed. Differently to traditional rotary valves the oscillating movement of the rotor avoids the unwished demixing of the product.

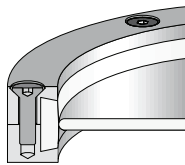
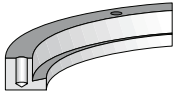
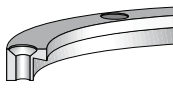
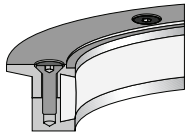
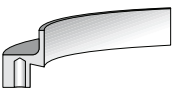
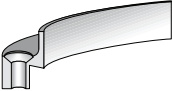
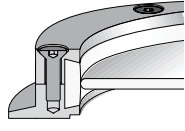


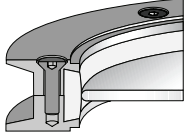
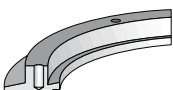
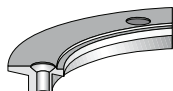
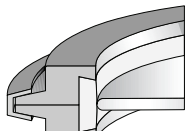
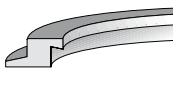
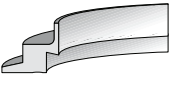
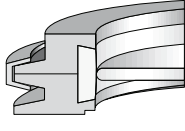
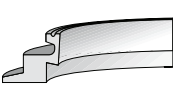
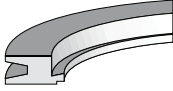
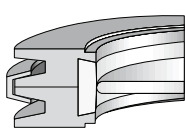
Thanks to its compartmented design, the **RotoValve Light** is a volumetric dosage system of the product in the process phase. **RotoValve Light** offers many essential features that are important to pharmaceutical manufacturers and any industry requiring high-level sanitary equipment.

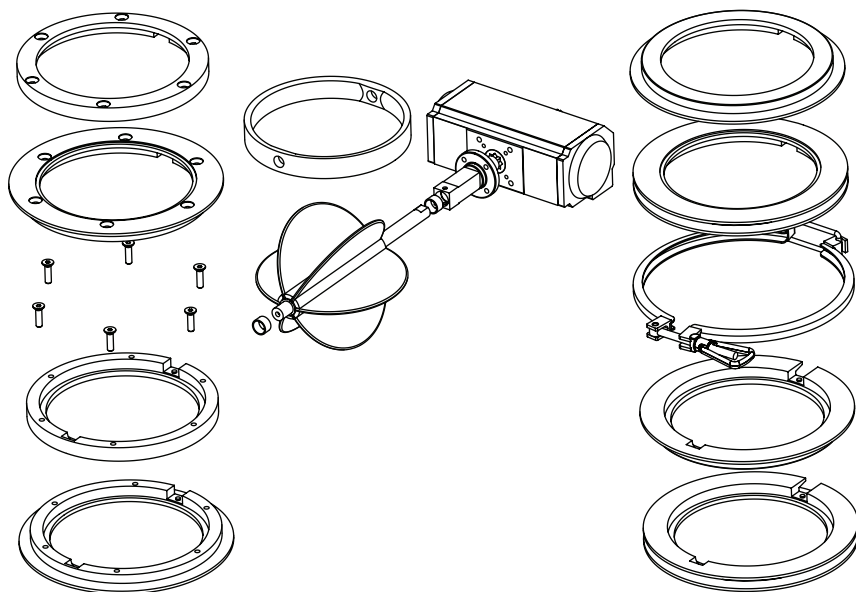
Stainless Steel EN 1.4404 (AISI 316L) and high polish ( $RA < 0,1 \mu m$ ) interior finishes provide smooth wipe down friendly surfaces. The sanitary, light weighing quick disconnect clamps make it easy to disassemble **Rotovalve Light** for cleaning and routine maintenance. However **RotoValve Light** is produced according to cGMP and is suitable for CIP/SIP applications. The **RotoValve Light** is also available with a stainless steel control panel to set up rotor stops and speed variations. 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.



## ROTOVALVE LIGHT APPLICATIONS

**RotoValve Light** is very useful in providing metered gravity flow of granules and powders and can suit a wide range of applications. **RotoValve Light** is commonly used in pharmaceutical, dairy and cosmetic industries but also in pilot test plants because offers superior material flow eliminating bridging and compaction. Using a **RotoValve Light** with load cells, a batch weight can be correctly dispensed by each movement or the feed rate constantly controlled. **RotoValve** is the ideal solution for compression machines, fillers, mills and weighing stations. **RotoValve Light** is performed according to CGMP and like all other valves of our modular system is suitable for CIP/SIP applications.

TYPES	COMPONENTS
	 HSB N
RTV SX	 HST N
	 HSB C
RTV BX	 HST C
	 HSB T
RTV CX	 HST T
	 HCB N
RTV DX	 HCT N
	 HSR N
RTV SR	 HSR C
	 HSR T
RTV CR	 HCR N
	
RTV DR	



## ROTOVALVE LIGHT DIMENSION

ND	D1	D2	F	L	øA
80	130	145	36	120	□10ø15
100	150	180	36	130	□10ø15
150	200	230	40	165	□10ø18
200	250	280	40	190	□14ø18
250	300	330	45	225	□14ø22
300	350	380	45	250	□14ø22
350	420	450	65	290	□22ø30
400	470	500	65	315	□22ø30

