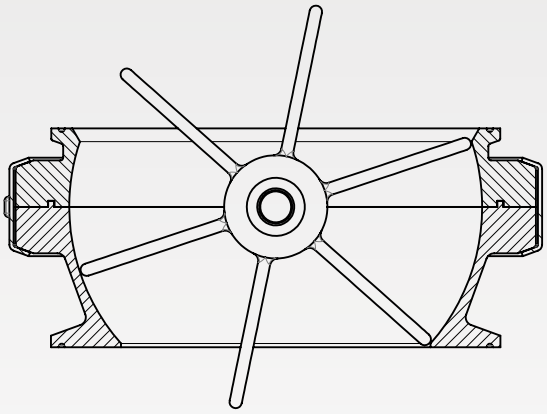
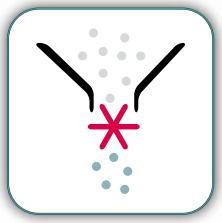
OYSTER™ FEEDER VALVE



Key Features

- Metal-metal construction makes it **suitable for continuous operation by gear-motor,** ideal for **large discharge volumes**
- **Precision-machined semi-spherical shaped body** ensures accurate **control of powder flow**
- **Rotor can be customized** to meet exactly the needs of any given project.
- Unique **“Clamshell”** clamp **optimises handling** and stripping for maintenance. A bolted body solution is also available
- **Significantly lighter and smaller** than other comparable valves on the market
- Can be supplied with “Compact Mounting Collar system” connection and a full range of different connections
- **In / Out tightness** can be supplied on request



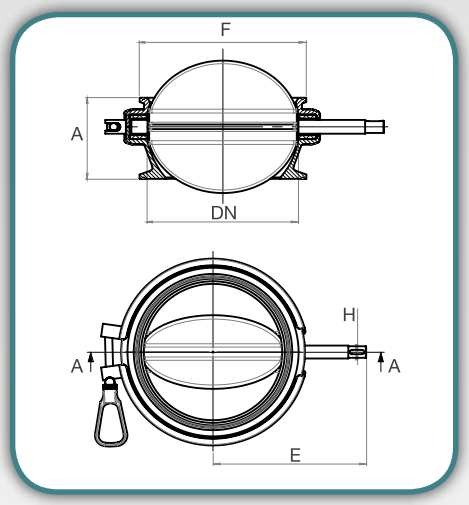
Application: Flow control

All Oyster ™ branded sanitary valves are designed according to cGMP standards. They are manufactured to exacting tolerances and finished to the highest pharmaceutical standard.
Oyster™ Feeder valve is suitable for handling:

- **Powders**
- **Granules**

OYSTER™ FEEDER VALVE

	100	150	200	250	300
Dimensions (mm)					
DN	100	150	200	250	300
F *	4”	6”	8”	10”	12”
E	160	185	210	235	260
A	76	88	106	130	150
H	key-way				
Weight					
Kg	6.99	10.49	16.33	23.07	32.02
Pressure (Barg)					
up-stream / down-stream	N/A				
Internal / External **	0.5	0.5	0.5	0.5	0.5
Temperature	Min.			Max.	
C° (F°)	- 30 (-22)			+120 (+176)	



* A full range of TC specification can be supplied
** only asymmetric version, please specify if ΔP required

DISCHARGE VOLUME GUIDE	3"	4"	6"	8"	10"	12"
Nominal Valve Size:	80	100	150	200	250	300
Num. lobes	6	6	6	6	6	6
Volume transferred per cycle: (6 pockets) Litres	0.16	0.32	1.23	3.30	6.85	12.30
Nominal cycles/min. (suggested MAX speed)	30	30	30	30	25	15
Notional Eff. Ratio	80%	80%	80%	80%	80%	80%
Estimated weight (Kg) per Cycle: *	0.06	0.13	0.50	1.30	2.75	4.90
Estimated weight (Kg) per Min at nominal speed: *	1.80	3.90	15.00	39.00	68.75	73.50
Estimated weight (Kg) per Hour: *	108	234	900	2 340	4 125	4 410

(*) assuming bulk density = 0,50

TABLE OF MATERIALS		
1	**Upper Half Body**	AISI 316L ; C22
2	**Lower Half body**	AISI 316L ; C22
3	**Rotor**	AISI 316L ; C22
4	**Bushes (*)**	PTFE ; ZVE100
5	**Clamshell™**	AISI 304

(*) Material in compliance with FDA 177.2600

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