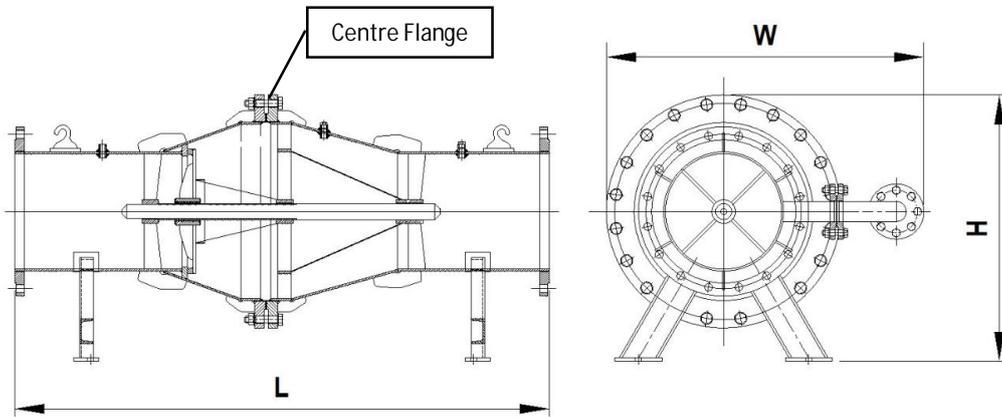


DRAWING AND DATA SHEET SERIES: F131, F141



ZERO VELOCITY VALVES: DN 100 – DN 450



S. No.	DN	Hydrostatic Body Test Pressure* [§]	Mounting Type	Overall Dimensions in mm [#]			Bypass Size and Qty
				L	W	H	
1	100	10-30	Flange**	610	460	285	25 NB x 1
2	150	10-30	Flange**	1020	530	500	25 NB x 1
3	200	10-30	Flange**	1020	600	500	25 NB x 1
4	250	10-30	Flange**	1100	650	640	25 NB x 1
5	300	10-30	Flange**	1110	865	780	50 NB x 1
6	350	10-30	Barrel**	1585	940	800	50 NB x 1
7	400	10-30	Barrel**	1715	990	930	50 NB x 1
8	450	10-30	Barrel**	1840	1130	1060	50 NB x 1

*Zero Velocity Valves are designated by Hydrostatic Body Test Pressures only

[§] Unit Kg/Cm². Higher pressure ratings are offered on request

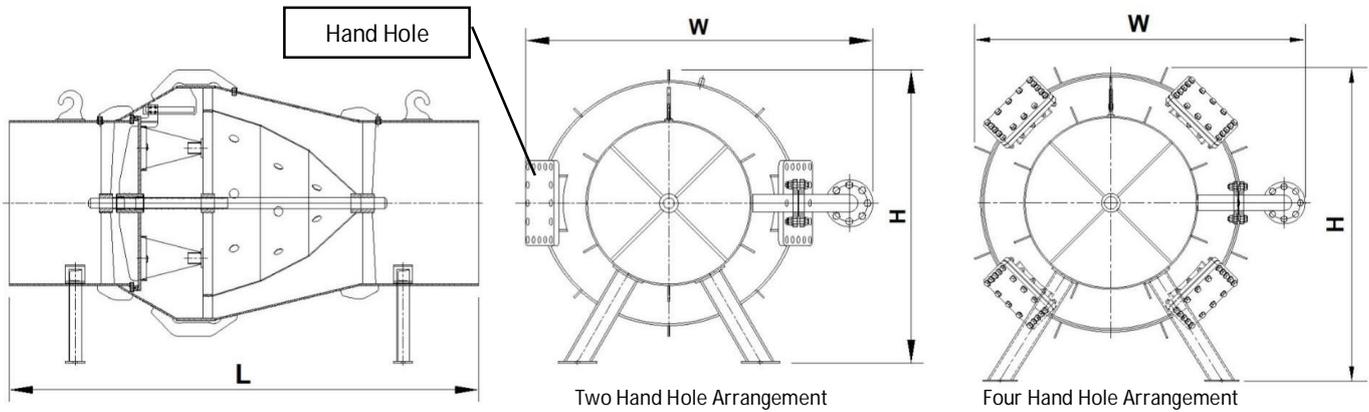
** End flanges as per IS:6392. Other flange type on demand. For barrel end valves, barrel diameter will be suiting to the requirement or pipe diameter

[#]Representative dimensions. Final dimensions on General Arrangement Drawings furnished for specific order

FEATURES

- Central Flange (IS:6392) for easy maintenance
- High Tensile fasteners for central flange
- Stainless Steel Springs
- Full welded construction from inside for least maintenance
- 3 Nos. BSP coupling for Pressure Gauge mounting
- SS Lined central shaft and brass / gunmetal bush for smooth sliding movement
- Shot blasting before primer and paint application

ZERO VELOCITY VALVE: DN 500 – DN 1100



S. No.	DN	Hydrostatic Body Test Pressure*\$	Mounting Type	No. of Hand Holes	Overall Dimensions in mm [#]			Bypass Size and Qty
					L	W	H	
1	500	10-30	Barrel**	2	1810	1300	1100	80 NB x 1
2	600	10-30	Barrel**	2	1920	1370	1150	80 NB x 1
3	700	10-30	Barrel**	2	1950	1530	1430	100 NB x 1
4	800	10-30	Barrel**	2	2100	1725	1600	100 NB x 1
5	900	10-30	Barrel**	4	2150	1800	1630	100 NB x 1
6	1000	10-30	Barrel**	4	2450	2100	1885	150 NB x 1
7	1100	10-30	Barrel**	4	2550	2070	1885	150 NB x 1

*Zero Velocity Valves are designated by Hydrostatic Body Test Pressures only

\$ Unit Kg/Cm². Higher pressure ratings are offered on request

** Barrel diameter will be suiting to the requirement or pipe diameter

#Representative dimensions. Final dimensions on General Arrangement Drawings furnished for specific order

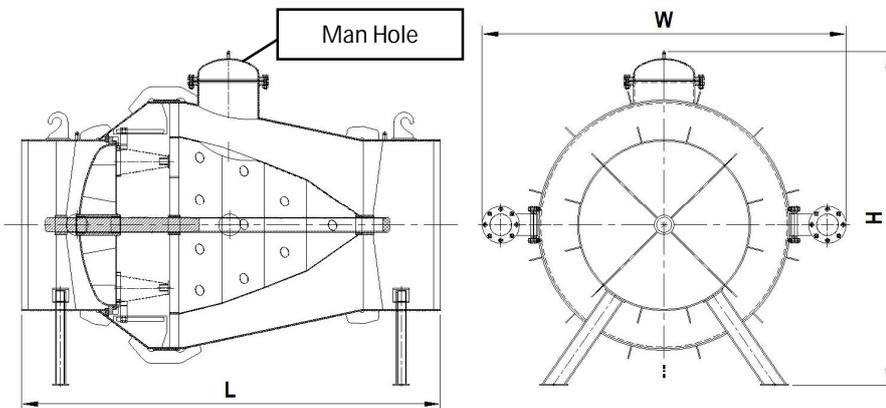
FEATURES

- 2 or 4 rectangular hand holes for better access in the valve
- All the flanges of Bypass are of IS:6392 / IS:1538
- High Tensile fasteners for flanges
- Multisegmented parabolic guide dome for smooth flow to minimize head loss
- Stainless Steel Springs
- Full welded construction from inside for least maintenance
- 3 Nos. BSP coupling for Pressure Gauge mounting
- SS Lined central shaft and brass / gunmetal bush for smooth sliding movement
- Shot blasting before primer and paint application

DRAWING AND DATA SHEET SERIES: F131, F141



ZERO VELOCITY VALVE: DN 1200 – DN 1500



S. No.	DN	Hydrostatic Body Test Pressure* [§]	Mounting Type	Overall Dimensions in mm [#]			Bypass Size and Qty	Effective Dia for Surge Analysis Modelling
				L	W	H		
1	1200	10-30	Barrel**	2870	2370	2500	150 x 1	150 mm
2	1300	10-30	Barrel**	3100	2780	2570	150 x 2	212 mm
3	1400	10-30	Barrel**	3600	2915	2930	150 x 2	212 mm
4	1500	10-30	Barrel**	3600	3050	2875	150 x 2	212 mm

*Zero Velocity Valves are designated by Hydrostatic Body Test Pressures only

[§] Unit Kg/Cm². Higher pressure ratings are offered on request

** Barrel diameter will be suiting to the requirement or pipe diameter

[#]Representative dimensions. Final dimensions on General Arrangement Drawings furnished for specific order

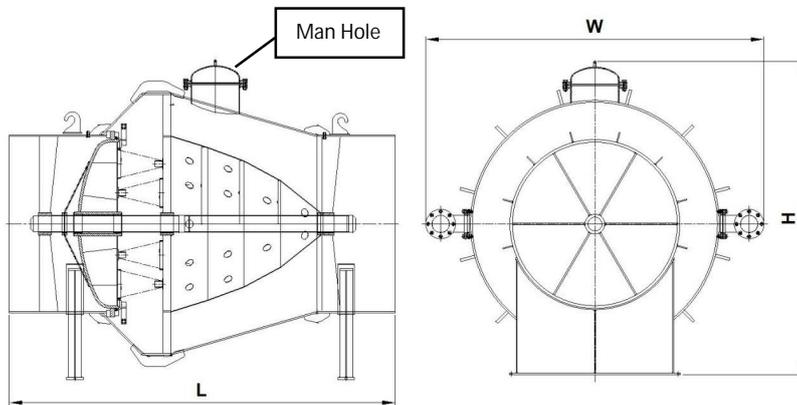
FEATURES

- Provided with manhole for access in the valve
- Two bypasses for balanced flow across the central disc. All the flanges of bypass are of IS:6392 / IS:1538
- High Tensile fasteners for flanges
- Multisegmented parabolic guide dome for smooth flow to minimize head loss
- Stainless Steel Springs
- Full welded construction from inside for least maintenance
- 3 Nos. BSP coupling for Pressure Gauge mounting
- SS Lined central shaft and brass / gunmetal bush for smooth sliding movement
- Shot blasting before primer and paint application

DRAWING AND DATA SHEET SERIES: F131, F141



ZERO VELOCITY VALVE: DN 1600 – DN 2400



S. No.	DN	Hydrostatic Body Test Pressure* [§]	Mounting Type	Overall Dimensions in mm [#]			Bypass Size and Qty	Effective Dia for Surge Analysis Modelling
				L	W	H		
1	1600	10-30	Barrel**	3600	3200	3020	150 x 2	212 mm
2	1700	10-30	Barrel**	3600	3320	3050	150 x 2	212 mm
3	1800	10-30	Barrel**	3600	3460	3370	150 x 2	212 mm
4	1900	10-30	Barrel**	3600	3820	3550	150 x 2	212 mm
5	2000	10-30	Barrel**	3600	3900	3575	200 x 2	282 mm
6	2100	10-30	Barrel**	3750	3980	3600	200 x 2	282 mm
7	2200	10-30	Barrel**	3980	4050	3800	200 x 2	282 mm
8	2300	10-30	Barrel**	3980	4160	3925	200 x 2	282 mm
9	2400	10-30	Barrel**	4100	4540	4230	250 x 2	353 mm

*Zero Velocity Valves are designated by Hydrostatic Body Test Pressures only

[§] Unit Kg/Cm². Higher pressure ratings are offered on request

** Barrel diameter will be suiting to the requirement or pipe diameter

[#]Representative dimensions. Final dimensions on General Arrangement Drawings furnished for specific order

FEATURES

- Provided with saddle for transportation
- Provided with manhole for access in the valve
- Two bypasses for balanced flow across the central disc. All the flanges of bypass are of IS:6392 / IS:1538
- High Tensile fasteners for flanges
- Multisegmented parabolic guide dome for smooth flow to minimize head loss
- Stainless Steel Springs
- Full welded construction from inside for least maintenance
- 3 Nos. BSP coupling for Pressure Gauge mounting
- SS Lined central shaft and brass / gunmetal bush for smooth sliding movement
- Shot blasting before primer and paint application

Zero Velocity Valves of higher diameters are custom designed.