



JoshiJampala Engineering GmbH
Technological Excellence Through Innovation



TWO-THREE LEVER VALVES



APPLICATION:

Two/three lever valves are used for the isolation of fluid flow. These valves are ideal for unidirectional shut-off. Lever valves can be mounted with counterweights for emergency shut-offs in gas pipelines.

TECHNICAL DESCRIPTION:

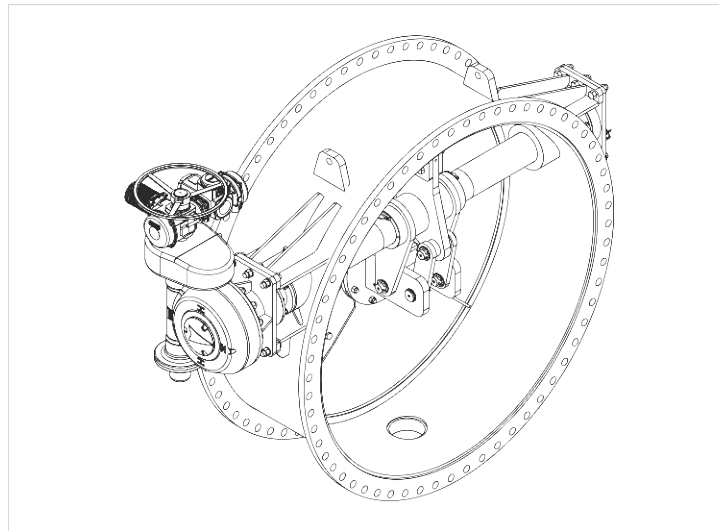
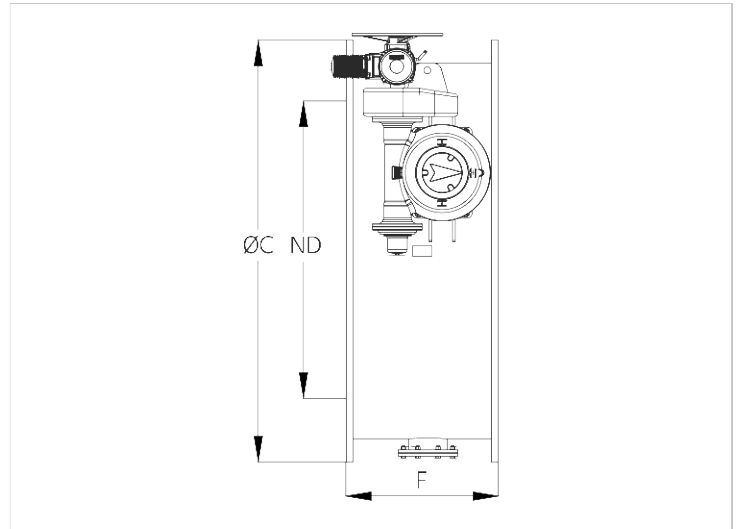
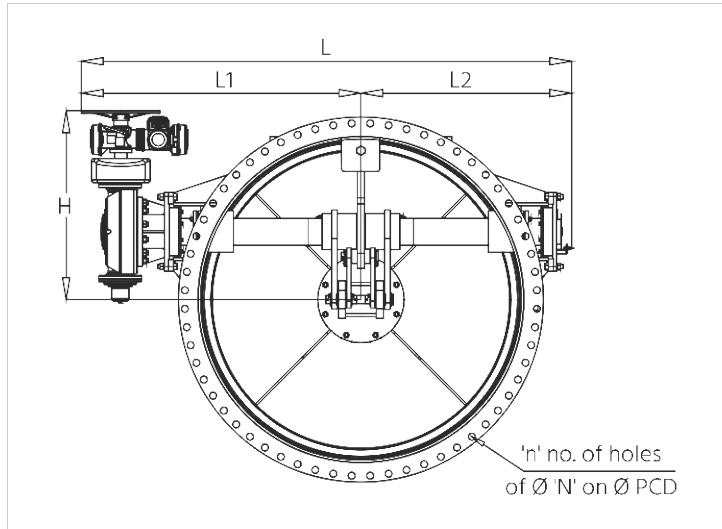
The valve mainly consists of a body, disc, levers, linkages, stuffing boxes, and a drive mechanism. The drive mechanism is coupled with the shaft of the valve and movement of the shaft results in the valve opening /closing operation. Specially designed levers and linkages guide the movement of the disc in such a way that the disc moves parallel to the seat for some distance and then starts to rotate until the valve is completely open. This movement ensures no rubbing of the seal and seat which enhances the life of the seal.

SPECIAL FEATURES:

- Self-lubricating inner bushes which eliminate the need for external lubrication.
- The valve has a safety feature of closing automatically in case of emergencies like a power failure.
- The seating surfaces are ground and lapped to achieve a high degree of sealing in case of metal-to-metal sealing. Manual override option available.

TECHNICAL SPECIFICATIONS

SIZE RANGE	MAXIMUM OPERATING PRESSURE	MAXIMUM OPERATING TEMPERATURE	TYPE OF SEALING	CONNECTION TO PIPE	INSTALLATION IN PIPELINE	DRIVE	TESTING
400 to 3500 mm	Up to 0.5 Mpa	Up to 500°C	Rubber	Flanged ends	Vertical in horizontal pipeline	Electric	Body test
			Metal to Metal			Hydraulic	Seat leakage test
					Horizontal in vertical pipeline	Pneumatic	Operational test
						Manual	



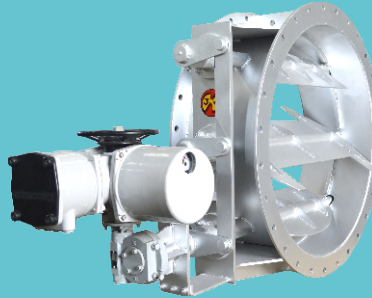
ND	Flange OD-C	Face To Face Dim-F	Hole Dia-N/PCD	No Of Holes-n	L1	L2	H	APPROX WT IN KG
700	860	430	30 / 810	24	830	650	630	850
800	975	470	30 / 920	24	920	670	650	1100
900	1075	510	33 / 1020	24	950	740	660	1150
1200	1405	630	33 / 1340	32	1170	930	700	2000
1300	1520	770	36 / 1450	36	1220	980	700	2400
1400	1630	760	36 / 1560	36	1310	1050	700	3400
1500	1730	950	36 / 1660	40	1480	1160	760	4500
1600	1830	950	36 / 1760	40	1390	1090	960	5200
1800	2045	870	39 / 1970	44	1580	1270	980	6100
1900	2155	910	42 / 2075	48	1620	1340	980	6600
2000	2265	950	42 / 2180	48	1720	1430	980	6700
2200	2475	1030	42 / 2390	52	1850	1790	820	9300
2400	2685	1110	42 / 2600	56	1950	1650	820	9900
2500	2795	1150	48 / 2705	60	2030	1760	820	10200
2700	3010	1230	48 / 2915	64	2250	1700	3210	11500
3000	3315	1350	48 / 3220	68	2320	1950	850	15600
3200	3525	1510	48 / 3430	72	2510	2090	850	15800
3400	3735	1510	48 / 3640	76	2560	2180	900	20000

* Flange Rating - PN6 (Other On Demand) | Other Sizes On Demand

OTHER PRODUCTS



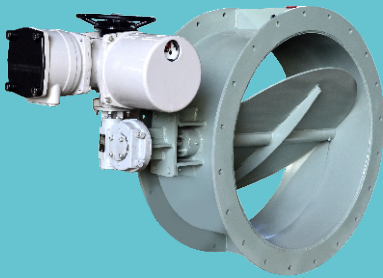
Multi louver Butterfly Dampers
(Rectangular)



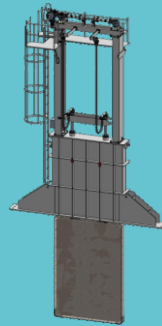
Multi louver Butterfly Dampers
(Circular)



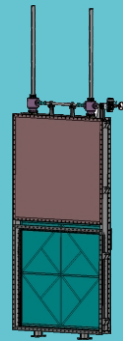
Rectangular type Butterfly Dampers



Circular Butterfly Dampers



Tunnel Dampers



Guillotine Dampers

INDUSTRIES SERVED



Petrochemical plant



Oil refinery plant



Product carrier



Iron and steel making



Oil and gas terminal



Thermal plant



Rigs and platforms



Cement industries



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