

*Indian Standard***BUTTERFLY VALVES FOR GENERAL PURPOSES****1 SCOPE**

1.1 This standard covers double flanged and wafer type of metal seated, resilient seated cast iron, ductile iron and carbon steel and lined butterfly valves for general purposes. Valves covered under this standard are manually, pneumatically, hydraulically or electrically operated.

1.2 It covers valves of nominal pressure designations up to and including 4 MPa and Class 300 with ends flanged in accordance with appropriate tables of IS 6418 : 1971 'Cast iron and malleable cast iron flanges for general engineering purposes' or wafer type valves with bodies designed to be accommodated between pipe work flanges in accordance with appropriate tables of IS 6418: 1971 or IS 6392 : 1971 'Steel pipe flanges' in nominal sizes DN 40 to DN 2000. It also covers valves up to class 300 and flanges as per the pressure/temperature ratings given in IS 13159 (Part 1) : 1991 'Steel pipe flanges and flanged fittings: Part 1 Dimensions' and IS 6418 : 1971 'Cast iron and malleable cast iron flanges for general engineering purposes'.

2 REFERENCE

The Indian Standards listed in Annex A are necessary adjuncts to this standard.

ANNEX A

(Clause 2)

LIST OF REFERRED INDIAN STANDARDS

<i>IS No.</i>	<i>Title</i>
210 : 1978	Grey iron castings (<i>third revision</i>)
305 : 1981	Aluminium bronze ingots and castings (<i>second revision</i>)
318 : 1981	Leaded tin bronze ingots and castings (<i>second revision.</i>)
1570 (part 2) : 1979	Schedules for wrought steels Part 2 Carbon steel (Unalloyed steels)
1865 : 1974	Iron castings with spheroidal or nodular graphite (<i>second revision</i>)
1875 : 1978	Carbon steel billets, blooms, slabs and bars for forgings (<i>fourth revision</i>)
2004:1978	Carbon steel forgings for general engineering purposes (<i>second revision</i>)
2500 (Part 1) : 1973	Sampling inspection tables Part 1 Inspection by attributes and by count of defects (<i>first revision</i>)
2500 (Part 2) : 1965	Sampling inspection tables Part 2 Inspection by variables for percent defective
2856 : 1987	Carbon steel castings for pressure containing parts suitable for high temperature service (fusion welding quality) (<i>third revision,</i>)
3444 : 1987	Corrosion resistant high alloy steel and nickel based castings for general applications (<i>second revision,</i>)
4854 (part 3) : 1974	Glossary of terms for valves and their parts: Part 3 Butterfly valves
6392 : 1971	Steel pipe flanges
6603 : 1972	Stainless steel bars and flats
9866 : 1981	Marking system for valves

13159
(Part 1) : 1991

Steel pipe flanges and flanged
fittings: Part 1 Dimensions