

- **DESIGN**

- Swing check valves are manufactured in sizes up to 400mm bore., in bronze fitted and all-iron versions, for working pressures up to 2.5 mPa.

They are suitable for either horizontal or vertical mounting, the angle of the door at maximum lift being such to ensure that in either position the closing movement starts promptly as forward flow velocity falls.

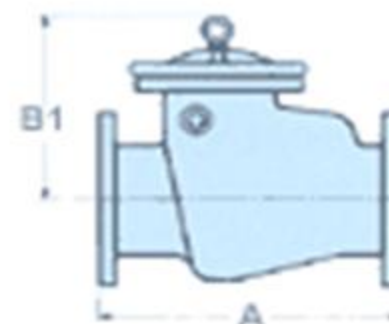
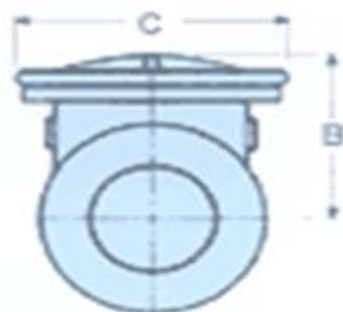


<b>BODY SHAPE</b>	Allows full flow area during normal working.
<b>SEAT</b>	Hydraulically pressed into body.
<b>DOOR / HONGE</b>	Designed to adjust itself accurately to the plane of the seating under load

**STANDARD MATERIALS**

<b>BODY, COVER, DOOR AND HINGE</b>	Cast Iron SABS 1034 Grade 250
<b>SEAT AND DOOR RING</b> bronze fitted all iron fitted	Gunmetal BS. 1400 Grade LG2-C Integrally cast with body
<b>HINGE PIN</b>	Stainless steel Grade 304.
<b>FACE (All iron fitted)</b>	Nitrile
<b>BUFFER</b>	Nitrile
<b>JOINTING</b>	Klingerite

RATINGS AND END CONNECTIONS						
CLASS	VALVE SIZE mm	SEAT / BEDDING mPa	BODY mPa	FLANGE TABLE	TRIM BRONZE FIG. No	TRIM ALL IRON FIG No.
10	50 - 400	1.0	2.0	16	6154	6254
16	50 - 400	4.6	3.2	16	6154	6254
25	50 - 400	2.5	5.0	25	6154	6254



	SIZE	50	80	100	125	150	200	250	300	350	400	
CLASS 10 - 16	A	230	305	355	405	445	535	635	760	865	865	
	B	135	175	198	222	245	302	362	400	485	560	
	B1	Eyebolt not fitted						352	412	450	560	635
	C	181	229	267	305	333	413	502	584	610	673	
	MASS kg	16	29	42	60	84	132	228	320	550	670	
CLASS 25	A	230	305	355	405	445	535	635	760	865	865	
	B	135	175	198	222	245	302	362	400	485	560	
	B1	Eyebolt not fitted						352	412	450	560	635
	C	181	229	267	305	333	413	502	584	610	673	
	MASS kg	20	34	48	68	95	146	250	350	590	730	