





BS 5155 & AWWA 504 & DIN 3354 STANDARD
BUTTERFLY VALVES
 Fabricated Steel, Short Type, Lug Wafer or Flanged

Figure

E96F.18



DN mm	NPS inch	ØD mm	PN6				PN10				PN16				PN25				Class 150				L mm	H mm	H1 mm	Wt kg
			Øg mm	ØK mm	n no	ØI mm	Øg mm	ØK mm	n no	ØI mm	Øg mm	ØK mm	n no	ØI mm	Øg mm	ØK mm	n no	ØI mm	Øg mm	ØK mm	n no	ØI mm				
500	20"	670	568	600	20	22	582	620	20	26	610	650	20	33	615	660	20	36	584	635	20	33	203	600	700	440
600	24"	780	667	705	20	26	682	725	20	29	685	770	20	36	720	770	20	39	692	750	20	36	203	670	810	480
800	32"	1015	878	920	24	29	901	950	24	32	905	950	24	39	930	990	24	48	914	978	28	41	305	820	1050	640
900	36"	1115	978	1020	24	29	1001	1050	28	32	1005	1050	28	39	1030	1090	28	48	1022	1086	32	41	305	870	1150	920
1000	40"	1230	1078	1120	28	29	1112	1160	28	35	1110	1170	28	42	1140	1210	28	56	1124	1200	36	41	305	980	1260	1040
1200	48"	1455	1295	1340	32	32	1328	1380	32	39	1330	1390	32	48	1350	1420	32	56	1359	1422	44	41	381	1250	1480	1760
1400	56"	1675	1510	1560	36	35	1530	1590	36	42	1535	1590	36	48	1560	1640	36	62	1575	1651	48	48	381	1350	1700	2240
1600	64"	1915	1710	1760	40	35	1750	1820	40	48	1760	1820	40	56	1780	1860	40	62	1776	1916	48	55	406	1600	1950	3040
1800	72"	2115	1918	1970	44	39	1950	2020	44	48	1960	2020	44	56	1985	2070	44	70	1930	2020	44	55	457	1650	2150	3600
2000	80"	2325	2125	2180	48	42	2150	2230	48	48	2170	2230	48	62	2210	2300	48	70	-	-	-	-	457	1800	2345	5200

PART LIST for Material No.18			
Item	PART NAME	Symb.	material
1	BODY	CS	ASTM A515
2	Body Seat	C	BUNA-N
3	DISC	CS	ASTM A515
3a	DISC Seat Face	CR13	AWS E430
4	SHAFT	CR13	ASTM A182.F6
4a	BEARING	CSB	Bz+Pb+Ptfе Mix.
4b	WASHER	PTFE	PolyTetraFluoroEthylene
6	PACKING	NBR	RUBBER
6a	WIPER	NBR	RUBBER
7	GLAND	ST	STEEL
12a	MOUNTING FLANGE	ST	STEEL
18	NAME PLATE	S	STAINLESS PLATE
19	COATING PAINT	EP	EPOXY

WORKING PRESSURE	
PN6	6 bar
PN10	10 bar
PN16	16 bar
PN25	25 bar
Class 150	20 bar

TEST PRESSURE		
	Shell	Closure
PN6	10 bar	6 bar
PN10	16 bar	10 bar
PN16	24 bar	16 bar
PN25	38 bar	25 bar
Class 150	30 bar	22 bar

DESIGN STD: BS 5155 & AWWA C504 & DIN 3354		TEST STD.: API 598 & BS 5155		FLANGE TYPE: ISO 7005-1		MAT'L ID.: CS		TRIM ID: Cr13-Cr13-BUNA N	
Prep.:K.KORKMAZ	Che.:Ş.Koçak	Appr.:N.ERGIN	Rev.No / Date:R0 / 21.03.2007	Description:	Datasheet Nr.:E96F.18	Page&Scale:2/2 A4	Origin:DES		