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**BUTTERFLY VALVES
WAFER TYPE
METAL/METAL CS
fig 231**

DESIGN FEATURES

- **wafer type butterfly valve** dn32 - dn1400 PN10/16
- temp : -20°C +350°C
- specifications :
 - no tightness, loss factor : 2 % of Kvs**
 - installation between flanges pn10/16 and ansi 150
 - mounting plate ISO 5211 - DIN 3337
 - face to face UNE EN 558-1 serie 20 (DIN 3202 K1)
 - from 12" handling with gear box

USE

- for high temperature smokes, powders
- 16 bar up to dn300 / 10 bar over

MATERIALS

item	Part name	Material
1	body	A216 WCB
2	disc (dn40-100)	SS 316 CF8M
2	disc (dn125-200)	ductile iron
3	stem	SS 420
4-5	gasket	filam. graphite
6-7	ring	Bronze
8	socket	5.6
9	plate	aluminium
10	pin	ST-34
11	screw	5.6
12	washer	steel
	lever	aluminium

SIZE (in mm)

DN	40	50	65	80	100	125	150	200
A	205	228	248	265	298	331	349	430
B	140	156	161	169	187	206	215	255
De	82	102	119	135	155	185	208	270
E	33	43	46	46	52	56	56	60
F	9,5	9,5	12	14	14	17	17	21
G	110	125	145	160	180	210	240	295
P	88	88	88	88	88	105	105	105
T	18	18	18	18	18	18	23	23
kg	3,1	4,27	5,27	5,78	7,4	10,2	11,8	19,6
C	8	8	9	11	11	14	14	17
ISO	F07	F07	F07	F07	F07	F07	F07	F07
H4	14	14	16	16	20	20	20	24
K	70	70	70	70	70	70	70	70
K1	50	50	50	50	50			
NxZ	4x9	4x9	4x9	4x9	4x9	4x9	4x9	4x9
NxZ1	4x7	4x7	4x7	4x7	4x7			
Kvs (m³/h)	70	109	200	334	551	901	1427	2383
Nm	5	5	10	15	25	45	60	80
ref.	231.08	231.09	231.10	231.11	231.12	231.13	231.14	231.16

