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FLANGED FULL BORE BALL VALVE

BS 3242



Tecofi
VALVE DESIGNER - FRANCE

APPLICATION

General use : for all common fluids.

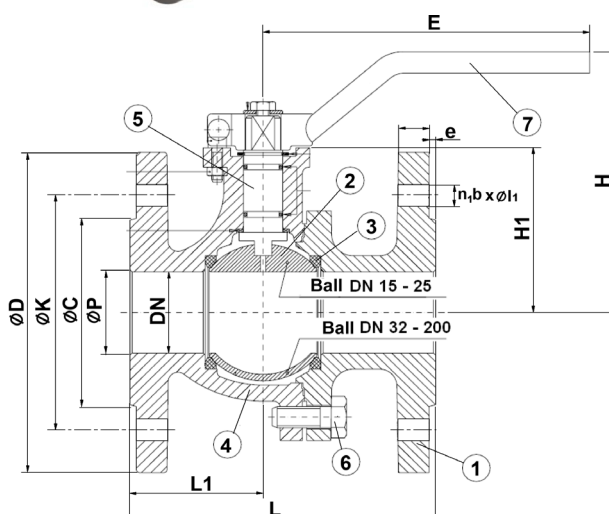
GENERALES CHARACTERISTICS

From DN15 to DN 200.
Full bore
Anti blow-out stem
With O ring FKM on stem and PTFE washer
ISO 5211 mounting pad
Solid stainless steel ball up to DN 25, hollow ball
from DN 32 to DN 200
Black painting colour RAL 9004
5-15 microns thickness



CONSTRUCTION

7	Handle	Steel
6	Body nut	Steel DIN 933 5.6
5	Stem	Stainless steel 304
4	Bonnet	Cast iron EN GJL-250
3	Seat	PTFE
2	Ball DN15-25	Stainless steel 303
2	Ball DN32-200	Stainless steel 304
1	Body nut	Cast iron EN GJL-250
Pos.	Description	Material



DIMENSIONS

DN		L	L1	E	P	H	H1	C	D	K	e	b	n1x l1	Weight (kg)
mm	inch													
15	1/2"	115	49	170	13	92	48,5	45	95	65	2	14	4x14	2,12
2	3/4"	120	55,5	170	17	95,5	53	58	105	75	2	16	4x14	2,72
25	1"	125	51,5	170	24	102,2	59,5	68	115	85	2	16	4x14	3,62
32	1 1/4"	130	53	170	31	114,7	72	78	140	100	2	16	4x18	5,32
40	1 1/2"	140	61	302,5	38	119	77	88	150	110	3	16	4x18	6,90
50	2"	150	62	302,5	50	127	85	102	165	125	3	18	4x18	9,00
65	2 1/2"	170	81,5	335	65	141	98	122	185	145	3	18	4x18	11,68
80	3"	180	79	335	80	151,5	109	138	200	160	3	20	8x18	14,68
100	4"	190	94	350	100	176,5	134	158	220	180	3	20	8x18	20,23
125	5"	200	93	350	125	208	165	188	250	210	3	22	8x M16	33,73
125	5"	325	120,5	350	125	208	165	188	250	210	3	22	8x M16	33,73
150	6"	210	100	500	150	254,5	190	212	285	240	3	22	8xM20	49,77
150	6"	350	155	500	150	254,5	190	212	285	240	3	22	8xM20	49,77
200	8"	400	190	500	200	293,5	229	268	340	295	3	24	12 x22	81,77

WORKING CONDITIONS

Maximum working temperature d : -10°C / + 200°C
Maximum working pression : 16 bar

Dont use for steam or comprimed air.

STANDARDS

Conception according to ISO 9001:2008
RF flange connection ISO PN10/16 up to DN150
and ISO PN16 for DN200 (Threaded holes flanges
for DN 125 and 150)
Solid stainless steel ball up to DN 25, hollow ball
from DN 32 to DN 200
Testing pressure according to EN 12266-1:
Body : 24 bar
Seat : 17.6 bar

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