



DESCRIPTION

DESIGN AND MANUFACTURE
 Full porte

FACE TO FACE
 DIN3201 15-100 (series F4)
 125 above (Series F5)

FLANGE
 DIN 2501/ DIN 2533

PRESSURE TEST
 ISO5208 or Ai598

FLANGE FACINGS
 Available on request

NOMINAL PRESSURE
 PN 16

SHELL STRENGTH (WATER)
 2.4 Mpa

SEALING TEST (WATER)
 1.8 Mpa

AIR SEAT PING (AIR)
 0.6 Mpa

MATERIALS

NO.	PART	MATERIAL
1	BODY	CAST IRON
2	STUD BOLT	CARBON STEEL
3	NUT	CARBON STEEL
4	BONNET	CAST IRON
5	SPIRAL WOUND	STAINLESS STEEL + GRAPHITE
6	SEAT	PTFE
7	BALL	STAINLESS STEEL 2Cr13
8	STEM	STAINLESS STEEL 2Cr13
9	PACKING	PTFE
10	PACKING	PTFE
11	PACKING	PTFE
12	GLAND	CAST IRON
13	HEX BOLT	CARBON STEEL
14	LOCATOR CARD	CARBON STEEL
15	FLEXIBLE WASHER	65Mn
16	HANDLE	DUCTILE IRON

DIMENSION (MM)

DN	L	D	C	g	d	N	h	t	f	φ	M	H	LO
15	115	95	65	45	15	4	14	14	2	42	6	87	140
20	120	105	75	58	20	4	14	16	2	42	6	100	160
25	125	115	85	68	25	4	14	16	2	42	6	103	175
32	130	140	100	78	32	4	18	16	2	50	6	120	245
40	140	150	110	88	40	4	18	16	3	50	6	130	245
50	150	165	125	102	50	4	18	18	3	70	8	132	250
65	170	185	145	122	65	4	18	18	3	70	8	152	250
80	180	200	160	138	80	8	18	20	3	102	10	170	350
100	190	220	180	158	100	8	18	20	3	102	10	205	400
125	325	250	210	188	125	8	18	22	3	125	12	250	645
150	350	285	240	212	150	8	22	22	3	125	12	270	645
200	400	340	295	268	200	12	22	24	3	140	16	340	750
250	450	405	355	320	250	12	26	26	3	165	20	-	-