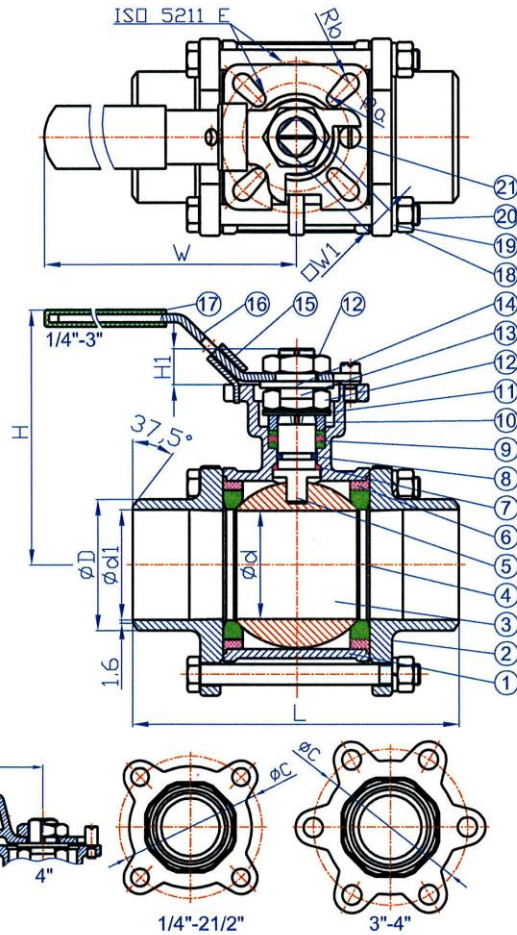


Stainless steel, 3-piece, with weld-on ends – length acc. To DIN 3202-S13.

Housing	Stainless steel 1.4408
Ball	Stainless steel 1.4401
Ball seal	RPTFE (15% glass fibre reinforced)
Stem seal	RPTFE (15% glass fibre reinforced)
Hand lever	Stainless steel 1.4301 with plastic coating
Operating temperature	- 20 °C to 150 °C
Operating pressure:	max. 63 bar (depending on temperature)



391.05



### Ball valves, 3-piece, full bore

Art. No.	Type No.	Ø D	Ø d1	Ø d (DN)	L	H	W	C	ISO 5211	E	H1	W1	Ra	Rb
103455	391.01	17.0	10.0	11.6	70	74	123	52.0	F03-F04	36-42	9	9	R3	R3
103456	391.02	17.0	12.5	12.7	70	74	123	52.0	F03-F04	36-42	9	9	R3	R3
103457	391.03	21.3	16.0	15.0	75	74	123	52.0	F03-F04	36-42	9	9	R3	R3
103458	391.04	26.7	20.0	20.0	90	78	123	54.5	F03-F04	36-42	9	9	R3	R3
103459	391.05	33.6	25.0	25.0	100	89	153	63.5	F04-F05	42-50	11	11	R3	R3.5
103460	391.06	42.4	33.8	32.0	110	94	153	74.2	F04-F05	42-50	11	11	R3	R3.5
103461	391.07	48.0	39.5	40.0	125	110	183	84.0	F05-F07	50-70	14	14	R3.5	R4.5
103462	391.08	60.5	50.8	50.0	150	118	183	101.0	F05-F07	50-70	14	14	R3.5	R4.5

With ISO flange plate (acc. to ISO 5211)

**MATERIALS LIST:**

NO.	PART NAME	MATERIAL	
		WCB	CF8M
1	BODY	WCB	CF8M
2	CAP	WCB	CF8M
3	BALL	CF8M	
4	SEAT	RPTFE	
5	STEM	SUS316	
6	GASKET	PTFE	
7	THRUST WASHER	15%R+PTFE	
8	O-RING	VITON	
9	PACKING	PTFE	
10	GLAND	SUS304	
11	SPRING WASHER	SUS304	
12	STEM NUT	SUS304	
13	STOP WASHER	SUS304	
14	HANDLE WASHER	SUS304	
15	LOCKING DEVICE	SUS304	
16	HANDLE	SUS304	
17	PLASTIC COVER	PLASTIC (PVC)	
18	HEX NUT	SUS304	
19	BOLT WASHER	SUS304	
20	JOINT BOLT	SUS304	
21	STOP PIN	SUS304	

**Recommended values:**

Temperature	Pressure for size 1/4" to 1"	Pressure for size 1 1/4" to 1 1/2"	Pressure for size 2"
20 °C	70 bar	70 bar	60 bar
60 °C	65 bar	55 bar	40 bar
100 °C	45 bar	35 bar	30 bar
150 °C	7 bar	6 bar	5 bar
180 °C	4 bar	4 bar	4 bar
200 °C	0 bar	0 bar	0 bar

Art. No.	Type No.	Cv factor	Weight
103455	391.01	6	0.664
103456	391.02	7	0.612
103457	391.03	10	0.659
103458	391.04	25	0.802
103459	391.05	35	1.288
103460	391.06	46	1.730
103461	391.07	80	2.470
103462	391.08	110	3.689

