



## 2/2-way-Ball valve 3 pieces

- Stainless steel ball valve
- High flow rates
- High medium pressure
- Long life
- ISO 5211 Top flange

Type 2654 can be combined with...



**Type 2051**

Pneumatic actuator



**Type 2052**

Pneumatic actuator



**Type 3004**

Electric actuator



**Type 3005**

Electric actuator



**Type 3005**

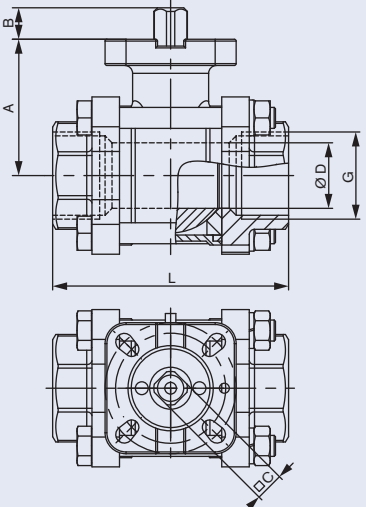
Electric actuator

2/2-way Ball valve in stainless steel for separating medium flow. The ball valves can be connected via the mechanical interface to ISO 5211 with a pneumatic (e.g. type 2051 or type 2052) or electrical rotary actuator (e.g. types 3003, 3004 or 3005).

- low torques
- long lifespan
- maintenance friendly

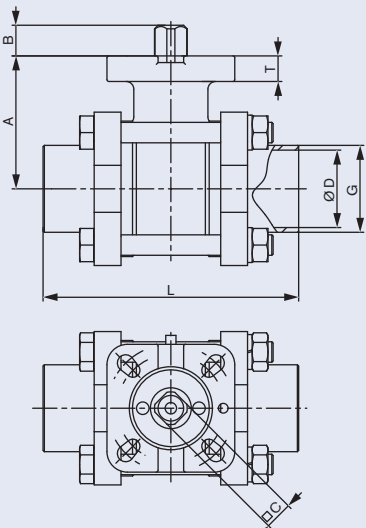
Technical data	
<b>Orifice</b>	DN10 to 100
<b>Body material</b>	Stainless steel 1.4408
<b>Ball material</b>	Stainless steel 1.4401
<b>Selector shaft material</b>	Stainless steel 1.4401
<b>Seal material</b>	PTFE (Ball seal) FKM (stem seal)
<b>Medium temperature</b>	-10° C to 200° C (see pressure temperature diagram)
<b>Medium pressure</b>	max. 63 bar (see pressure temperature diagram)
<b>Medium</b>	Stainless steel body: aggressive fluids, which will not attack the body and seal
<b>Port connections</b>	Rp 1/4" - Rp 2" Whitworth Thread acc. to DIN EN 10226-1 (alt DIN 2999) weld end
<b>ISO head flange</b>	EN ISO 5211

## Ordering chart



Orifice [mm]	Port connection	D	L	A	B	C	ISO 5211	Item no.
10	1/4"	10	65	40	7	9	F03/F04	185 994
12	3/8"	12	65	40	7	9	F03/F04	185 995
15	1/2"	16	75	40	7	9	F03/F04	185 996
20	3/4"	20	80	44	7	9	F03/F04	185 997
25	1"	25	90	52	12	11	F04/F05	185 998
32	1 1/4"	32	110	58	12	11	F04/F05	185 999
40	1 1/2"	40	120	68	16	14	F05/F07	186 000
50	2"	50	140	77	16	14	F05/F07	186 001
65	2 1/2"	65	185	98	19	17	F07/F10	186 002
80	3"	80	205	110	19	17	F07/F10	186 003
100	4"	100	240	138	24	22	F10	217 975

## Weld end



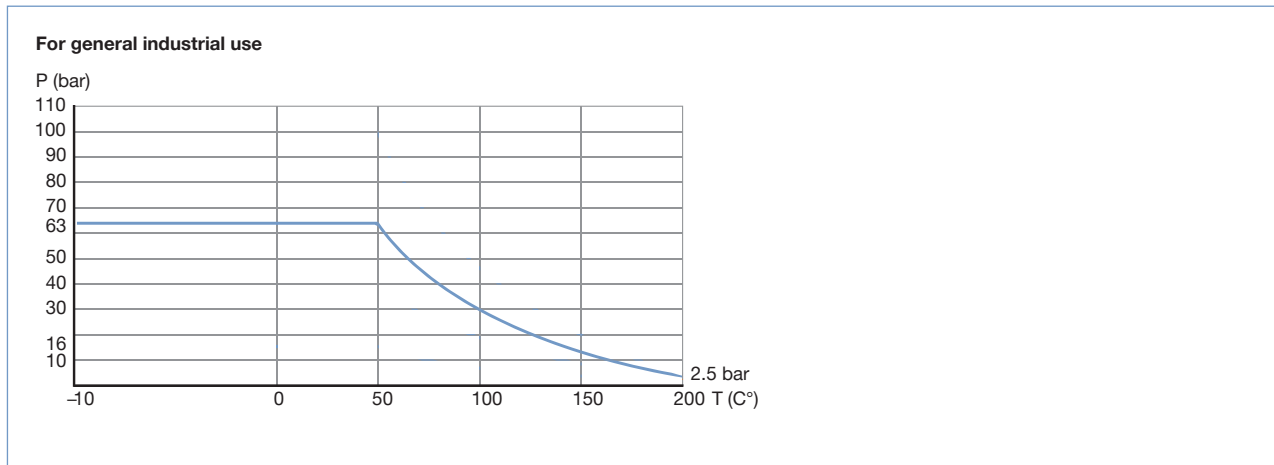
Orifice [mm]	G	D	L	A	B	C	ISO 5211	Item no.
12	19.3	12	75	40	9	9	F03/F04	186 004
15	23.3	16	75	40	9	9	F03/F04	186 005
20	28.2	20	90	44	9	9	F03/F04	186 006
25	33.8	25	100	52	12	11	F04/F05	186 007
32	41.1	32	110	58	12	11	F04/F05	186 008
40	49.0	40	125	68	16	14	F05/F07	186 009
50	62.0	50	150	77	16	14	F05/F07	186 010
65	78.0	65	190	98	19	17	F07/F10	205 429
80	94.3	80	220	110	19	17	F07/F10	203 221
100	125.2	100	270	138	24	22	F10	203 222

## Torques

DN	8	10	15	20	25	32	40	50	65	80	100
breakaway torque [Nm]	6	6	10	14	17	24	29	44	78	112	140
Running torque [Nm]	4	4	7	9	11	16	19	30	52	89	112

The values were at max. delta P measured with water at ambient temperature.

### Pressure Temperature Chart



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