

# Ball Valve

Kylmax

AT 3577, 3578

<b>Dimension range</b> DN 10-250	<b>PN</b> 16-40	<b>Temperature range</b> 90 °C	<b>Material</b> Stainless steel
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## Range of Application

As shut-off valve mainly for cooling systems containing glycol, alcohol and organic saline.

## Quality Assurance

Testing is carried out according to SS-ISO 5208. Leakage class 3 applies to the valve type.

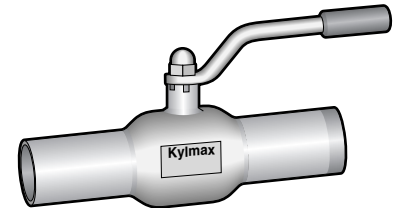
Certificate SS-EN 10204, type 2.2, has to be specified upon ordering.

## CE-marking

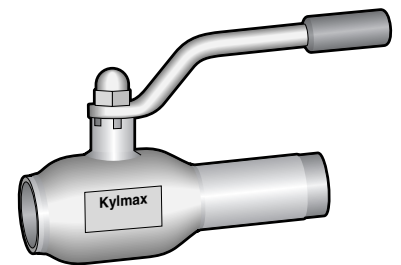
Fulfil PED 97/23/EC acc. to category I and II, group 1 and 2.

## Material Specification

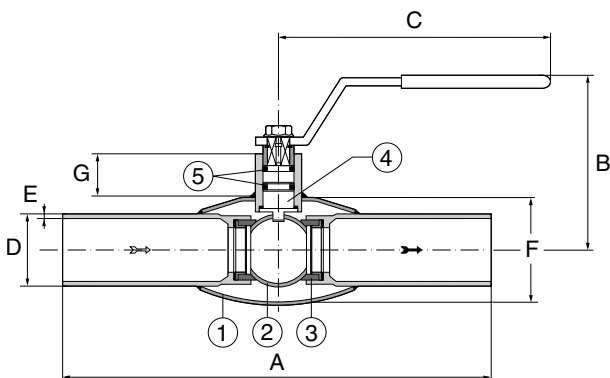
1	Body	stainless steel	SIS 2343
2	Ball	stainless steel	SIS 2343
3	Seat rings	PTFE reinforced	
4	Steml	stainless steel	SIS 2382
5	Stem gasket	NBR/EPDM	



AT 3577



AT 3578



## Dimension and Weight

DN		10	15	20	25	32	40	50	80	100	125	150	200	250
A	AT 3577	230	230	230	230	260	260	300	300	325	425	450	500	630
A	AT 3578	153	158	168	172	195	205	240	-	-	-	-	-	-
B		98	98	103	112	116	111	118	160	175	220	239	271	500*
C		145	145	145	145	145	190	190	280	280	400	600	900	1200
D*		13,5	20	25	30	36	45	54	86	106	131	156	206	256
E*		2	2	2	2	2	2,5	2	3	3	3	3	3	3
F		33,7	33,7	42,4	48,3	60,3	76,1	88,9	133	159	178	220	273	356
G		10	10	17	17	16	20	20	30	34	48	48	67	81
Weight	AT 3577	0,5	0,5	0,6	0,9	1,2	1,7	2,3	6,5	8,5	15	26	45	90
Weight	AT 3578	0,5	0,5	0,6	0,8	1,0	1,7	2,2	-	-	-	-	-	-

Measurements in mm, weight in kg

\* Dimensions weld ends

## Function and Design

Fully welded ball valve with reduced bore. The ball is erected between spring loaded seat rings for a tight valve in closed position at varying conditions. Blow-out safe stem and maintenance free.

## Technical Information

Fig. no.	DN	Working pressure max. bar	Working temperature max. °C
AT 3577	10-50	40	90
	80-100	25	90
	125-250	16	90
AT 3578	10-50	40	90

Torque, non pressurised condition and Kvs													
DN	10	15	20	25	32	40	50	80	100	125	150	200	250
$\Delta p$ bar	40	15	15	18	24	30	47	60	-	-	-	-	-
	16	12	12	15	19	25	39	50	98	150	170	380	490
Kvs		7	5,5	14	26	41	67	105	290	420	690	1100	1500
													2770

## Installation

Fig. no.	Connection
AT 3577	but weld ends
AT 3578	but weld ends/internal thread

The valve can be mounted in optional position.

## Maintenance and Spare parts

The valves are maintenance-free and spare parts are not required. Normally the valves are delivered with mounted lever.

## Marking

Manufacturer, DN, PN and material.

## How to order

Example: AT 3577-50	
AT 3577	-50
Fig. no.	DN
AT 3577 = But weld ends	DN 10-100
AT 3578 = But weld end/internal thread	DN 10-50