

Art. "AL" - "AL1" - BALL VALVE IN STAINLESS STEEL AISI 304 - 316



DESCRIPTION

Ball valve with rotary pneumatic actuator.
Valve body and ball in stainless steel **AISI 304** for Art: **AL**.
Valve body and ball in stainless steel **AISI 316** for Art: **AL1**.
The valve body is obtained from a block and polished.

Ball gasket: Virgin PTFE.

ALLOWABLE TEMPERATURES

Operating temperature: from -15°C to +100°C.
Max operating temperature for special uses (valve all open):
+100°C - fuel oils, mineral oils, margarine;
+ 90°C - seawater, drinking water (municipal water system);
+ 60°C - trichloroethylene, butane, methane, propane, carbon dioxide;
+ 40°C - inflammable alcohol, gasoline, illuminating gas, natural gas, limewater, soda water.

ACTUATOR PILOT PRESSURE

Double acting versions: from 3 to 8 bar.
Single acting versions: from 6 to 8 bar.
Connections with inner GAS ISO 228 thread female-female.
On request with NPT or DIN connections.
Control air 1/8" GAS connections.

VERSIONS AND SIZES

DA: 3/8" - 1/2" - 3/4" - 1" - 1"1/4 - 1"1/2 - 2" - 2"1/2 - 3" - 4"
SANC: 3/8" - 1/2" - 3/4" - 1" - 1"1/4 - 1"1/2 - 2"
SANO: 3/8" - 1/2" - 3/4" - 1" - 1"1/4 - 1"1/2 - 2"

**ANODIZING TREATMENT ON OUTSIDE DETAILS
MADE IN ALUMINIUM**

RATED PRESSURE "PN"

G	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
PN	64	64	64	40	40	40	25	25	25	25

DOUBLE ACTING

DN	G	ACTUATOR	A	B	C	d	E	Wrench	Kv	Weight
mm.		type	mm.	mm.	mm.	mm.	mm.	mm.	m3/h	gr.
10	3/8"	DE5002	210	195	52	10	65	26	11	1160
15	1/2"	DE5002	216	198	62	15	65	32	20	1260
20	3/4"	DE6302	236	215	72	20	77	38	60	1660
25	1"	DE6302	246	220	82	25	77	48	100	2020
32	1"1/4	DE8003	283	253	92	32	100	52	130	3300
40	1"1/2	DE8003	297	260	104	40	100	64	170	3980
50	2"	DE8003	317	273	116	50	100	80	280	5260
65	2"1/2	DE1004	344	288	128	65	119	100	510	8800
80	3"	DE1155	417	351	150	80	133	115	770	13200
100	4"	DE1155	447	365	178	100	133	125	1200	20200

SINGLE ACTING (NC-NO)

DN	G	ACTUATOR	A	B	C	d	E	Wrench	Kv	Weight
mm.		type	mm.	mm.	mm.	mm.	mm.	mm.	m3/h	gr.
10	3/8"	SE5002	210	195	52	10	65	26	11	1220
15	1/2"	SE5002	216	198	62	15	65	32	20	1340
20	3/4"	SE6302	236	215	72	20	77	38	60	1860
25	1"	SE6302	246	220	82	25	77	48	100	2200
32	1"1/4	SE8003	283	253	92	32	100	52	130	3440
40	1"1/2	SE8003	297	260	104	40	100	64	170	4180
50	2"	SE1004	349	305	116	50	119	80	280	7000

OVERALL DIMENSIONS

