

# Art. "AL3D" - 3-WAY DIVERTING BALL VALVE IN STINLESS STEEL 316



### DESCRIPTION

3-way ball valve with rotary pneumatic actuator.  
 Valve body: stainless steel AISI 316  
 Ball: stainless steel AISI 316  
 Ball gasket: Virgin PTFE  
 3/2 function ( 3-way and 2-position)

### 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 4 to 8 bar.  
 Single acting versions: from 6 to 8 bar  
 Connections with inner GAS iso 228 thread female-female.  
 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"  
 SA: 3/8" - 1/2" - 3/4" - 1" - 1"1/4 - 1"1/2 - 2"

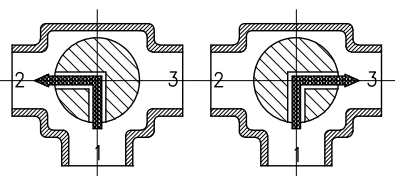
### ANODIZING TREATMENT ON OUTSIDE DETAILS

### MADE IN ALUMINIUM

### NOTE:

Only 3-way diverting ball allows exclusively to divert the flow to the right or to the left. The fluid must enter obligatorily by the central sleeve; otherwise fluid leakages and damages to the valve may happen.

### L - DRILLED BALL



Left deviation 1-2      Right deviation 1-3

### FLUID INLET

### RATED PRESSURE "PN"

G	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
PN	40	40	40	40	25	25	25	25	16	16

### DOUBLE ACTING

DN	G	ACTUATOR	A	B	C	d	E	F	Wrench	Kv	Weight
mm.		type	mm.	mm.	mm.	mm.	mm.	mm.	mm.	m3/h	gr.
10	3/8"	DE6302	237	214	72	10	77	59	36	2	1700
15	1/2"	DE6302	243	217	82	15	77	67	38	4	2000
20	3/4"	DE8003	281	251	92	20	100	76	47	6	3500
25	1"	DE8003	291	256	102	25	100	86	52	10	3700
32	1"1/4	DE8003	316	273	118	32	100	102	64	20	5200
40	1"1/2	DE8003	332	281	134	40	100	117	80	38	7050
50	2"	DE1004	342	286	144	50	119	127	85	50	9600
65	2"1/2	DE1004	354	293	160	65	119	141	94	80	12350
80	3"	DE1155	451	375	190	80	133	171	100	120	21200
100	4"	DE1155	493	405	240	100	133	211	120	170	31950

### SINGLE ACTING

DN	G	ACTUATOR	A	B	C	d	E	F	Wrench	Kv	Weight
mm.		type	mm.	mm.	mm.	mm.	mm.	mm.	mm.	m3/h	gr.
10	3/8"	SE6302	237	214	72	10	77	59	36	2	1850
15	1/2"	SE6302	243	217	82	15	77	67	38	4	2050
20	3/4"	SE8003	281	251	92	20	100	76	47	6	3650
25	1"	SE8003	291	256	102	25	100	86	52	10	3900
32	1"1/4	SE1004	347	305	118	32	119	102	64	20	7200
40	1"1/2	SE1004	363	312	134	40	119	117	80	38	9100
50	2"	SE1004	377	322	144	50	119	127	85	50	10100

### OVERALL DIMENSIONS

