

# FIG. 050 PC SLIDING FLAT BUOY

## Features:

Made from stainless steel AISI 316 / DIN 1.4401. Welded in a protective argon atmosphere.

## Tests:

Maximum working pressure. Test pressure and flattening. Sealed.

**Fixing system:** Threaded

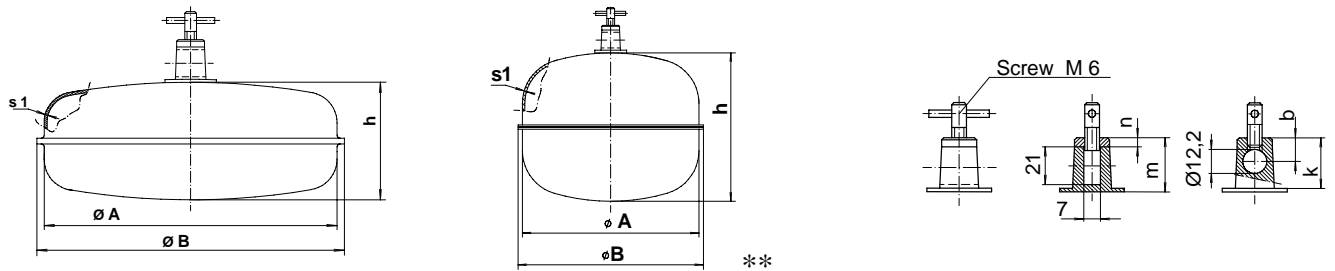
**Finishing:** Polished shiny

## On demand & minimum quantities:

-Materials: AISI 316L / DIN 1.4404; AISI 304 / DIN 1.4301; AISI 316 Ti / DIN 1.4571; MONEL 400 / DIN 2.4360

-Other fixing Systems.

-Finishing: Nickel (Ni) coated, Epoxi, etc.



DIMENSIONS [ mm ]							Mass (Weight) [ kg ]	1) MAX FORCE IN WATER AT 20°C [ N / kgf ]	2) MAX WORKING PRESSURE [ bar ] TEMP. [ ° C ]		
BUOY			CONNECTION – Fixing						20 °	*100 °	*200 °
Ø A x h	Ø B	s1	m	n	k	b	G	E			
150 x 70	160	0,8 – 0,1	27	4	23	11	0,258	7,563 / 0,771	3,9	3,4	2,8
160 x 70	170	0,8 – 0,1	27	4	23	11	0,422	7,917 / 0,807	3,2	2,8	2,3
200 x 80	211	0,8 – 0,1	27	4	23	11	0,650	13,969 / 1,424	3,1	2,7	2,2
** 200 x 165	212	0,8 – 0,1	27	4	23	11	0,705	34,315 / 3,498	3,5	3,0	2,5
250 x 100	259	1,2 – 0,22	27	4	23	11	1,130	20,826 / 2,123	*6,0	*5,2	*4,3
300 x 130	307	1,5 – 0,32	27	4	23	11	2,225	42,212 / 4,303	*6,0	*5,2	*4,3
400 x 165	409	1,5 – 0,33	27	4	23	11	3,700	116,63 / 11,889	*4,3	*3,8	*3,1
500 x 200	508	1,5 – 0,36	27	4	23	11	5,758	223,25 / 22,758	*3,8	*3,3	*2,8

1) The maximum force in water at 20° C is the force of the float completely immersed in water.

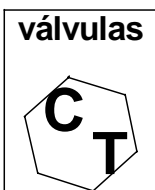
2) Maximum working pressure at 20° C is determined for corrosion at 0,1 mm. In none corrosive environments it is possible to increase the working pressure, after consulting with our technical department.

(\* ) Technical values according to AD-Merkblatt B ÷ B3 y Stahlschlüsl.

## Force $E_L$ of the buoy with in any liquid other than water at 20°C:

The maximum force  $E_L$  of the buoy when totally immersed in a liquid which is not water at 20° C and at 1 bar, or in water which is not 20°C, is determined by recalculating the values of  $E$  (for water) from the table. The recalculation uses the density  $d_L$  of the new liquid and the density  $d_A$  of the water at 20°C and at 1 bar. To carry out a recalculation you should contact our technical department.

**Non-binding information sheet and may be modified without notice.**



Rda. Shimizu nº 2, Nave 4  
Pol. Ind. Can Torrella  
08 233 Vacarisses - Barcelona  
Tel. 93 828 04 44 - Fax. 93 828 04 50  
E- mail: info@valvulasct.com  
Comercial@valvulasct.com  
[www.valvulasct.com](http://www.valvulasct.com)