

FIG. 050 C-ML, E-ML CYLINDRICAL BUOYS – C & SPHERICAL – E, THREADED WITH MONEL

Features :

Made with **Monel 400 / DIN 2.4360**. Welded in an argon protective atmosphere.

Tests:

Maximum service pressure. Test pressure and flattening. Sealed

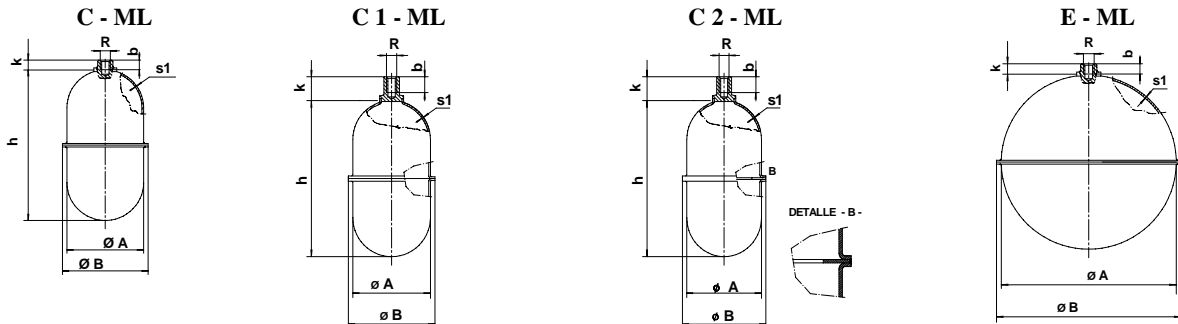
Fixing system: Threaded

Finishng: Industrial polishing

On demand and minium quantities:

-Other fixing systems.

Finishing: Chemically Nickel (Ni) coated, Epoxi, etc



C – float C with short connection; C 1- float C with long connection; C 2 – float C reinforced with long connection

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					G	E	20 °
Ø A x h Ø A	Ø B	s1	R	k	b					
Ø 60 x 120	64,3	0,8 - 0,1	M 6	4	7	0,146	1,658 / 0,169	26,5	25,2	21,7
3) Ø 61 x 160	64,5	0,8 - 0,1	M 6	15	11	0,201	2,040 / 0,208	24,0	22,5	19,5
Ø 70 x 140	76,7	0,8 - 0,1	M 6	4	7	0,215	2,502 / 0,255	22,0	20,8	18,0
Ø 90 x 120	95	0,8 - 0,1	M 6	4	7	0,255	3,159 / 0,322	21,5	20,2	17,3
3) Ø 90 x 150	95	0,8 - 0,1	M 6	15	11	0,307	4,483 / 0,457	21,5	20,2	17,3
Ø 90	96	0,8 - 0,1	M6	4	7	0,175	1,932 / 0,197	30,2	28,3	24,5
Ø 110	117	0,8 - 0,1	M 6	4	7	0,262	4,237 / 0,432	24,5	23,0	20,1

1) The maximum force in water at 20° C is the force of the buoy 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.

3) Standard production is type C-2 with reinforced connection.

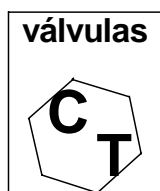
4) Theoretical values are determined by AD-Merkblatt B ÷ B3, and the mechanical chacteristics of Monel 400.

Nota: Standard production is with the long threaded fixing, type C1-ML.

Force E_L of the float 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.



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