

FIG. 050 C, CP CYLINDRICAL THREADED BUOY - C & CYLINDRICAL NON-THREADED BUOY – CP

Features:

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

Tests:

Maximum working pressure. Test pressure and flattening. Sealed

Fixing system: Threaded / non-threaded

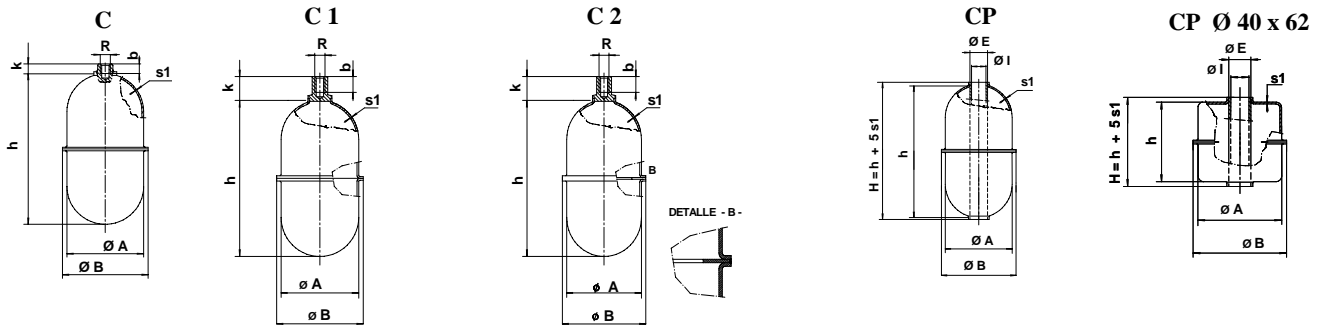
Finishing: Polished shiny

On demand and 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: Chemically Nickel (Ni) coated, Epoxi, etc



C – Buoy with short connection;
connection.

C 1- Buoy with long connection;

C 2 – Buoy reinforced with long

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 B	s1	R	b	k	Ø I	Ø E					
40 x 62	43	0,5 – 0,1	----	----	----	13,5	14,5	0,047	0.204 / 0,020	21,5	18,9	15,5
60 x 120	64,3	0,8 – 0,1	M 6	7	4	----	----	0,131	1,509 / 0,154	23,5	20,7	17,0
			----	----	----	13	15	0,175	0,937 / 0,096	24,5	21,6	17,7
61 x 160	64,5	0,8 – 0,1	M 6	11	15	----	----	0,170	2,289 / 0,233	23,2	20,5	16,8
			----	----	----	13	15	0,221	1,576 / 0,160	24,1	21,2	17,4
3) 61 x 160	64,5	0,8 – 0,1	M 6	11	15	----	----	0,201	2,040 / 0,208	24,0	22,5	19,5
			----	----	----	----	----	----	----	----	----	----
70 x 140	76,7	0,8 – 0,1	M 6	7	4	----	----	0,193	2,728 / 0,278	20,5	18,1	14,8
			----	----	----	13	15	0,235	2,129 / 0,217	21,2	18,7	15,3
90 x 120	95	0,8 – 0,1	M 6	7	4	----	----	0,230	3,404 / 0,347	20,0	17,6	14,5
			----	----	----	13	15	0,269	1,717 / 0,175	20,5	18,0	14,8
3) 90 x 150	95	0,8 – 0,1	M 6	11	15	----	----	0,307	4,483 / 0,457	21,5	20,2	17,3
			----	----	----	----	----	----	----	----	----	----

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 non-corrosive environments it is possible to increase the working pressure after consulting with our technical department.

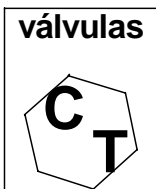
3) The standard material of the floats is Monel 400- (DIN 2.4360). The normal production is with a long threaded fixing.

4) Theoretical values are determined by AD-Merkblatt B ÷ B3, Stahlschlüssel for stainless steel AISI 316 / DIN1.4401 and for Monel 400 they are determined by the information sheets supplied by the producers of Monel.

Force E_L of the float in any liquid other than water at 20°C:

The maximum force E_L of the float 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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