

FIG. 050 P, PP FLAT THREADED BUOY - P & NON-THREADED - PP

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 / non-threaded

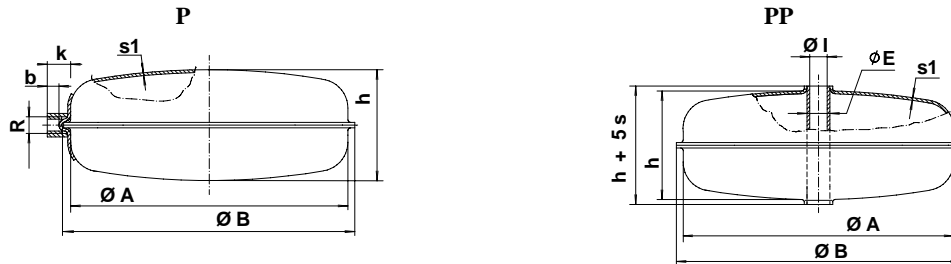
Finishing: Polished shiny

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 | | | | | | | G | E | 20° |
| Ø A x h | Ø B | s1 | R | b | k | Ø I | Ø E | | | | | |
| 150 x 70 | 160 | 0,8 – 0,1 | M8 | 9 | 14 | ---- | ---- | 0,253 | 7,612 / 0,776 | 3,9 | 3,4 | 2,8 |
| | | | ---- | ---- | ---- | 13 | 15 | 0,260 | 7,436 / 0,758 | | | |
| 160 x 70 | 170 | 0,8 – 0,1 | M8 | 9 | 14 | ---- | ---- | 0,419 | 7,946 / 0,810 | 3,2 | 2,8 | 2,3 |
| | | | ---- | ---- | ---- | 13 | 15 | 0,426 | 7,779 / 0,793 | | | |
| 200 x 80 | 211 | 0,8 – 0,1 | M12 | 14 | 20 | ---- | ---- | 0,646 | 14,008 / 1,428 | 3,1 | 2,7 | 2,2 |
| | | | ---- | ---- | ---- | 13 | 15 | 0,657 | 13,793 / 1,406 | | | |
| 200 x 165 | 212 | 0,8 – 0,12 | M12 | 14 | 20 | ---- | ---- | 0,698 | 34,403 / 3,507 | 3,5 | 3,0 | 2,5 |
| | | | ---- | ---- | ---- | 13 | 15 | 0,708 | 34,070 / 3,473 | | | |
| 250 x 100 | 259 | 1,2 – 0,22 | M12 | 14 | 20 | ---- | ---- | 1,103 | 21,091 / 2,150 | *6,0 | *5,2 | *4,3 |
| | | | ---- | ---- | ---- | 13 | 15 | 1,150 | 20,493 / 2,089 | | | |
| 300 x 130 | 307 | 1,5 – 0,32 | M12 | 14 | 20 | ---- | ---- | 2,221 | 42,251 / 4,307 | *6,0 | *5,2 | *4,3 |
| | | | ---- | ---- | ---- | 13 | 15 | 2,228 | 42,006 / 4,282 | | | |
| 400 x 165 | 409 | 1,5 – 0,33 | M12 ** | 14 | 20 | ---- | ---- | 3,692 | 116,58 / 11,88 | *4,3 | *3,8 | *3,1 |
| | | | 3/8" G ** | 16 | 28 | | | | | | | |
| | | | ---- | ---- | ---- | 13 | 15 | 3,705 | 116,37 / 11,86 | | | |
| 500 x 200 | 508 | 1,5 – 0,36 | M12 ** | 14 | 20 | ---- | ---- | 5,686 | 223,97 / 22,83 | *3,8 | *3,3 | *2,8 |
| | | | 3/8" G ** | 16 | 28 | | | | | | | |
| | | | ---- | ---- | ---- | 13 | 15 | 5,765 | 222,90 / 22,722 | | | |

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.

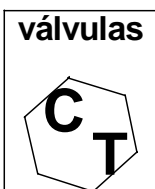
(*) Technical values according to AD-Merkblatt B ÷ B3 y Stahlschlüssl. for stainless steel AISI 316 / DIN 1.4401.

**) According to the demands of the mechanical resistance of the connections (threaded) of the lever. Consult our technical department.

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.



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