

## 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

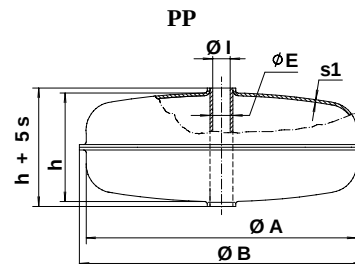
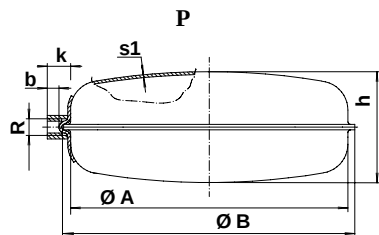
**Finishing:** Polished shinny

#### 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<br>(Weight)<br>[ kg ] | 1) MAX FORCE<br>IN WATER AT<br>20°C<br>[ N / kgf ] | 2) MAX WORKING<br>PRESSURE [ bar ]<br>TEMP. [ ° C ] |        |        |
|-------------------|-----|------------|---------------------|------|------|------|------|----------------------------|----------------------------------------------------|-----------------------------------------------------|--------|--------|
| BUOY              |     |            | CONNECTION – Fixing |      |      |      |      |                            |                                                    |                                                     |        |        |
| Ø A x h           | Ø B | s1         | R                   | b    | k    | Ø I  | ØE   | G                          | E                                                  | 20 °                                                | *100 ° | *200 ° |
| 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.

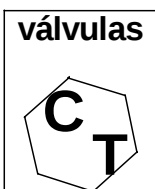
(\*) Technical values according to AD-Merkblatt B ÷ B3 y Stahlschlüssl. for stainless steel AISI 316 / DIN 1.4401.

\*\*) 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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