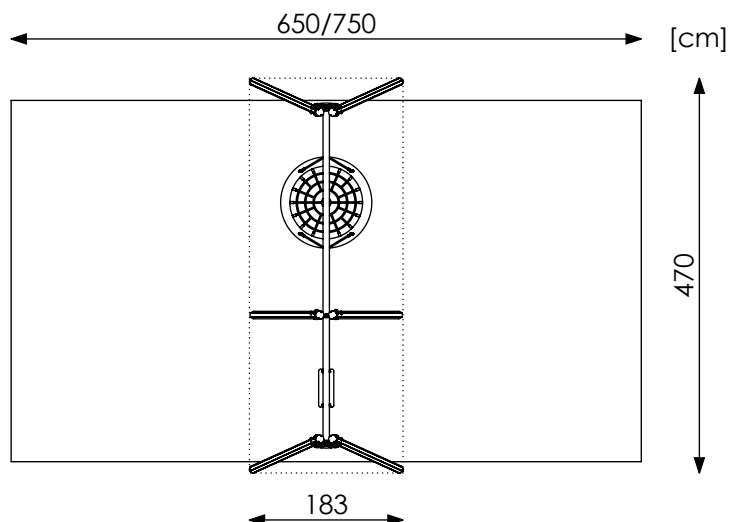
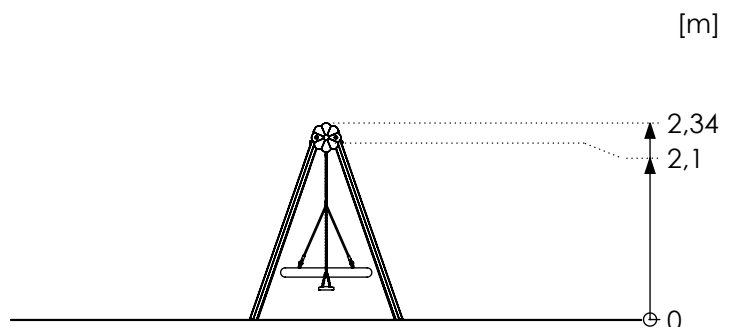
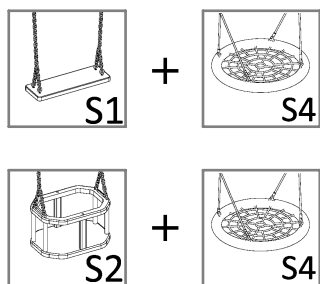




Aluminum round  
profile  $\varnothing 89$

# Product Datasheet

## Swing PZA R514



Age:

- 3+
- 0-3 years (baby box seat)

Amount of users: 7

Safety zone:

- for loose surface: 430 x 750 cm (32,25 m<sup>2</sup>)
- for rubber safety flooring: 430 x 650 cm (27,95 m<sup>2</sup>)

Free fall height: 125 cm

Weight of the playset: 120 kg

Dimension of the biggest part: 315x8,9x8,9 cm

Product compliant with PN-EN 1176-1, PN-EN 1176-2+AC: YES

Spare parts availability: YES

## Mounting:

The set is mounted in the ground.  
Foundations made of C20/25 concrete.

## Material specification:

- Construction poles made from aluminum round profiles  $\varnothing 89$  mm with anodized finish.
- Steel pipe beam  $\varnothing 76,1 \times 3,2$  mm, hot dip galvanized.
- Slings with bearings, maintenance-free, hot dip galvanized or stainless steel with swivels.
- Top of the poles secured by cap made from HDPE.
- Screws, bolts etc. covered by colorful plugs from plastic.
- Stainless steel chains.
- Rubber seats with aluminum insert.
- "Birdnest" seat with reinforced ropes in a polypropylene braid  $\varnothing 16$  mm.

Renders are for reference only, actual appearance may differ from the one shown on the render.

### Acceptable shock absorbing surfaces and their minimum thickness

| Material <sup>a</sup>       | Description [mm]               | Minimum depth <sup>b</sup> [cm] | Maximum free heights of fall [cm] |
|-----------------------------|--------------------------------|---------------------------------|-----------------------------------|
| Turf/topsoil                |                                | -                               | $\leq 100$ <sup>d</sup>           |
| Bark                        | 20 to 80 particle size         | 20                              | $\leq 200$                        |
|                             |                                | 30                              | $\leq 300$                        |
| Woodchip                    | 5 to 30 particle size          | 20                              | $\leq 200$                        |
|                             |                                | 30                              | $\leq 300$                        |
| Sand or gravel <sup>c</sup> | 0,25 to 8 grain size           | 20                              | $\leq 200$                        |
|                             |                                | 30                              | $\leq 300$                        |
| Other materials             | As tested according to EN 1177 |                                 | Critical fall height as tested    |

<sup>a</sup> For further information on specific material properly prepared for use in children's playgrounds

<sup>b</sup> For loose particulate material, add 100 mm to the minimum depth to compensate for displacement (see 4.2.8.5.1).

<sup>c</sup> Sand and gravel shall be well rounded and washed to eliminate most of the silt or clay particles. Washed sand and gravel is considered to be from alluvial (natural eroded) deposits and free from most silt or clay particles. For gravel this may commonly be described as 'pea shingle'. Uniformity coefficient  $D_{60}/D_{10} < 3,0$ . Grain size can be identified by use of a sieve test, as in EN 933-1 (see Annex G)

<sup>d</sup> See NOTE 2 in 4.2.8.5.2