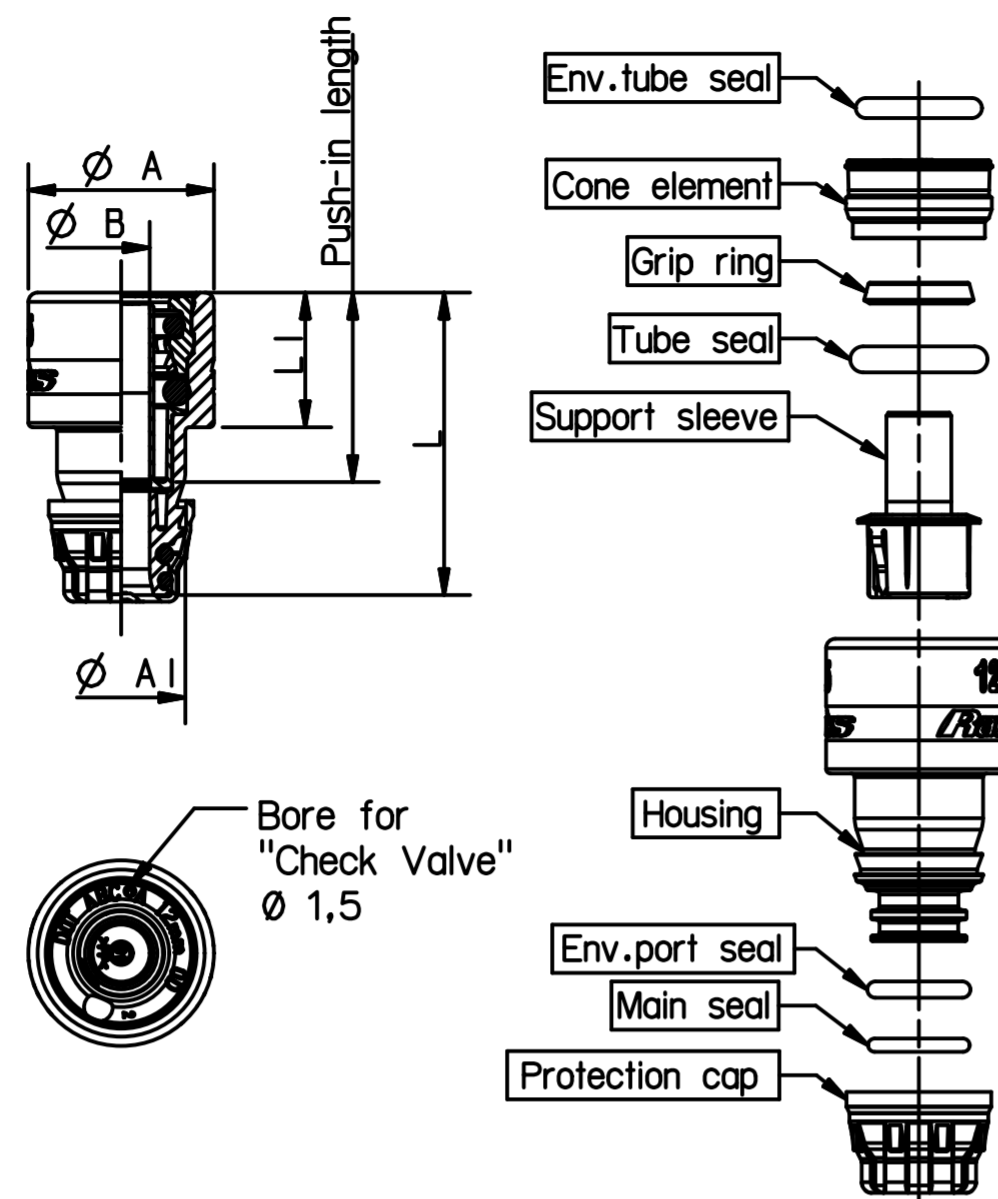


|                                 |   |
|---------------------------------|---|
| <A> SAFETY CHARACTERISTICS      | 0 |
| <B> SIGNIFICANT CHARACTERISTICS | 0 |
| <C> CUSTOMER INTERFACE          | 0 |



| NOTE      | ZF PART.NC. | SIZE       | TUBE DIMENSION | A    | A1    | B       | L    | L1      | PUSH-IN LENGTH | WEIGHT [g] THEORETICAL |
|-----------|-------------|------------|----------------|------|-------|---------|------|---------|----------------|------------------------|
| Tolerance |             |            |                | ±0,3 | ±0,1  |         | ±0,3 |         | -              |                        |
|           | 8928000942  | Small      | 6x1            | 18,2 | 14,8  | (2,75)  | 23,2 | (3,8)   | (19,5)         | (4)                    |
|           | 8928000962  |            | 8x1            | 20,2 |       | (4,75)  | 29,5 | (10,14) | (20,5)         | (6)                    |
|           | 8928000952  | Regular    | 6x1            | 19,2 | 17,3  | (2,75)  | 26,4 | (3,8)   | (19,5)         | (6)                    |
|           | 8938000912  |            | 8x1            | 20,2 |       | (4,75)  | 30,2 | (7,6)   | (20,5)         | (7)                    |
| ③         | 8938000922  | Regular    | 10x1           | 23   | 17,3  | (6,75)  | 33,6 | (11)    | (24)           | (9)                    |
|           | 8938001002  |            | 10x1,25        |      |       | (6,2)   |      |         |                |                        |
| ④         | 8938001012  |            | 10x1,5         |      |       | (5,7)   |      |         |                |                        |
|           | 8938000932  | Heavy Duty | 12x1,5         | 25   | 20,25 | (7,7)   | 40,8 | (18,15) | (25)           | (12)                   |
|           | 8938000972  |            | 12x1,5         | 25   |       | (7,7)   | 37   | (10,5)  | (25)           | (11)                   |
| ③,⑤       | 8938000982  | Heavy Duty | 15x1,5         | 29,3 | 20,25 | (10,34) | 47,8 | (21,25) | (27)           | (20)                   |
|           | 8938000992  |            | 16x2           | 30,3 |       | (10,34) |      |         |                |                        |



Material of seals: EPDM  
 Material of housing: PA 12 GF 50  
 Material of cone element: PA 12 GF 30  
 Material of grip ring: CuZn39Pb3  
 Material of support sleeve: PA 6.6 GF 30  
 Material of protection cap: PP

Working temperature: -40°C / +100°C  
 Working pressure: 0 - 12,5 bar  
 Operating medium: compressed air

- Notes:
- ① Min. inside diameter in support sleeve / housing
  - ② Without protection cap
  - ③ For 15x1,5mm and 10x1,0mm tube: +40°C / +60°C
  - ④ Preliminary dimensions
  - ⑤ No "Check Valve"

Raufoss ABC couplings can be used with polyamide (PA 6.10, PA 10.10, PA 10.12, PA 11, PA 12) or Hytrel tubing to one of the following standards:

- ISO 7628
- DIN 74324
- DIN 73378
- SAE J844

Peak-temperature up to +130 °C (pressureless, for a period of approximately 2 hours.)

Please take into consideration the max allowed tube operation pressure.

Cleanliness requirement:

Class: K00 according JED-593

Area: for the whole part (Special agreements possible; to be agreed with Product Engineering)

Suitable for use in air brake systems for commercial vehicles

General Specification : JED-762 ; JED-622 ; JED-271 ; JED-220; JED-848

|   |        |                  |                |                                 |          |
|---|--------|------------------|----------------|---------------------------------|----------|
| General Specification: ISO 8015, JED-334-1, Size ISO 14405 LP |        | Copyright ZF®    |                |                                 |          |
| Further Technical Data:                                       |        | Date             | Signature      |                                 |          |
| Doc. Code:  | Sheet: | To               |                | 2024-01-15                      |          |
| General Tolerances JED-261                                    |        | Checked          |                | Balago                          |          |
| Range of nominal dimensions in mm                             |        | Checked          |                | Buloj                           |          |
| Class 1)  | ≤ 50   | > 50 ≤ 180       | > 180 ≤ 400    | > 400                           | ∇        |
| Fine  | ±0.5   | ±1               | ±1.5           | ±2                              | ±3°      |
| Medium  | ±1     | ±2               | ±3             | ±4                              |          |
| Coarse  | ±2     | ±3.5             | ±5             | ±6.5                            |          |
| Tapped Holes acc. JED-152                                     |        | Dimensions in mm |                | Material No.                    |          |
| 1) Tolerance Class Applied Crossmarked                        |        | Mass             | Scale          | Date of first issue: 2013-09-12 |          |
| A 2   |        | kg               | -              | 893 800 105 2                   |          |
| CREO  |        | Size             | CAD System     | Doc.Code                        | Language |
| ECN-No. 515685  |        | Revision 2 x     | Techn. Resp. C | 053                             | EN       |
| Replacement for   |        | 5790             |                | 1/1                             |          |

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