

End Elements basic

TC-00-__

RE 18301-70

Edition: 06.2020

Replaces: 06.2019



Description

The outlet elements TC-00-__ are available in two versions:

- Body made of Black Anodized Aluminium (Al).
- Body made of Yellow Zinc plated (Cr+3) Cast Iron (CI).

They are employed as end plates to plug the P and T channels of the ED elements of the Directional Valve Assembly, when there are no downstream operators.

Technical data

| General | | |
|---|---|--|
| Weight | kg (lbs) | 0.16 (0.35) |
| TC-00-...-AL-F-A element | | |
| Weight | kg (lbs) | 0.44 (0.96) |
| TC-00-...-CI element | | |
| Ambient Temperature | °C (°F) | -20....+50 (-4....+122) (NBR seals) |
| Hydraulic | | |
| Maximum pressure for aluminium version (AL) | bar (psi) | 250 (3625) |
| Maximum pressure for Cast Iron version (CI) | bar (psi) | 310 (4500) |
| Hydraulic fluid | Mineral oil based hydraulic fluids HL (DIN 51524 part 1). Mineral oil based hydraulic fluids HLP (DIN 51524 part 2). For use of environmentally acceptable fluids (vegetable or polyglycol base) please consult us. | |
| General properties: it must have physical lubricating and chemical properties suitable for use in hydraulic systems such as, for example: | | |
| Fluid Temperature | °C (°F) | -20....+100 (-4....+212) (NBR) |
| Permissible degree of fluid contamination | ISO 4572: $\beta_{x \geq 75} X = 12 \dots 15$ ISO 4406: class 20/18/15 NAS 1638: class 9 | |
| Viscosity range | mm ² /s | 5....420 |

Note

For applications with different specifications consult us

Ordering details

| | | |
|----|-----------|--------|
| 01 | 02 | 03 |
| TC | - 00 - 00 | - 00 - |

Family

| | | |
|----|-----------------|----|
| 01 | Outlet Elements | TC |
|----|-----------------|----|

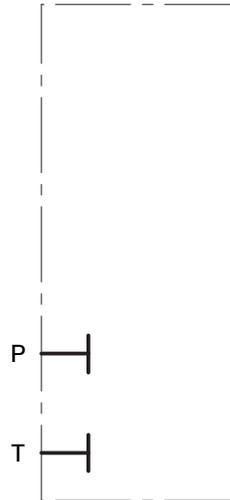
Configuration

| | | |
|----|-------|----|
| 02 | Basic | 00 |
|----|-------|----|

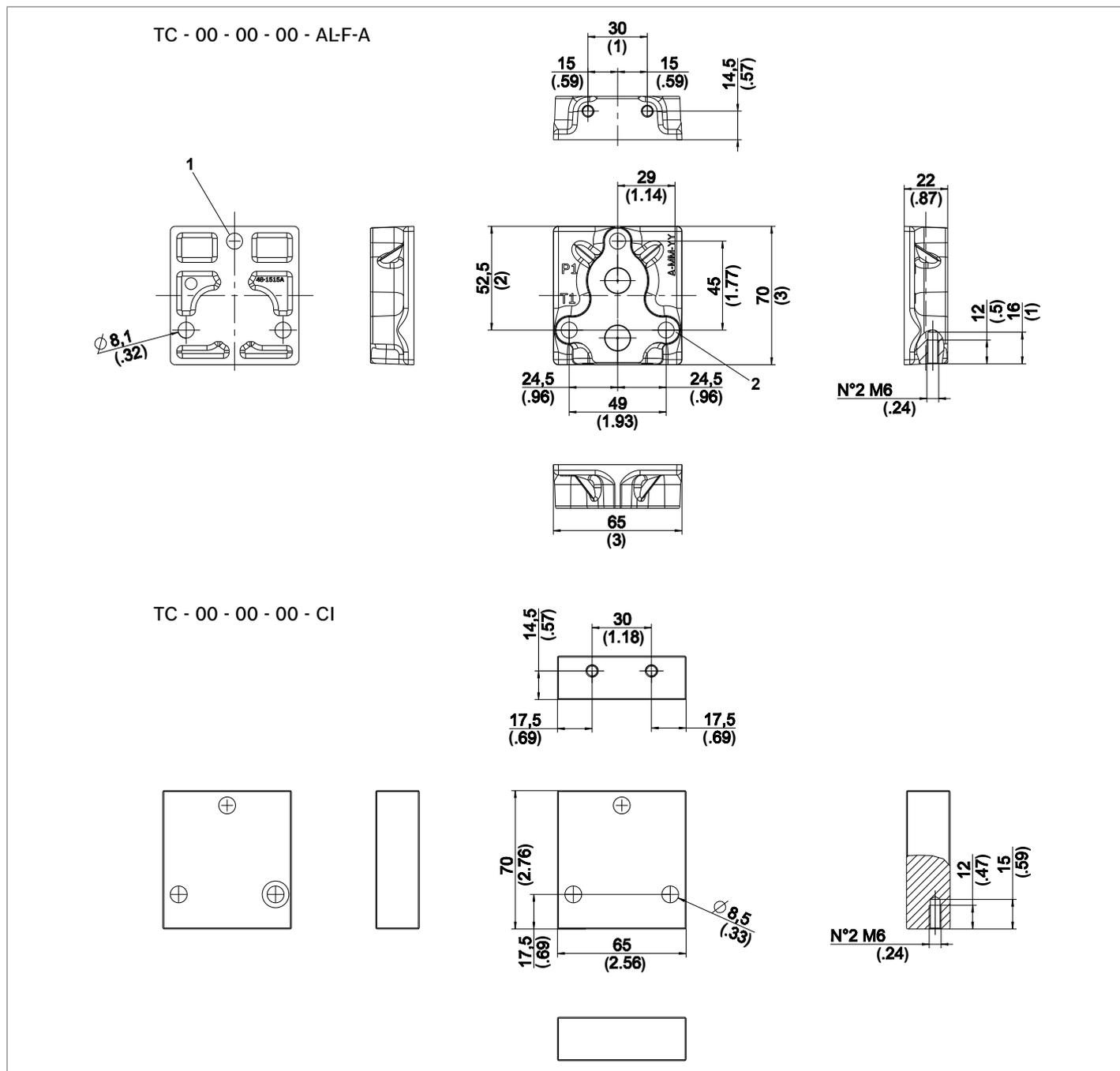
Material

| | | |
|----|-----------------|--------|
| 03 | Forged Aluminum | AL-F-A |
| | Cast iron | CI |

Symbol



External dimensions and fittings



1 Flange specifications for coupling to the ED Directional Valve Elements.

2 For tie rod and tightening torque information see data sheet RE 18301-90.

| Part Code | Material Number | Description | Material |
|-----------|-----------------|-------------------|-----------------|
| 48-1515N | R930067924 | TC-00-00-00-ALF-A | Forged Aluminum |
| 48-151510 | R933002803 | TC-00-00-00-CI | Cast Iron |

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Subject to change.