

## End Elements basic

TC-00-\_\_

**RE 18301-60**

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 <sup>2</sup> /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
----	-----------------	----

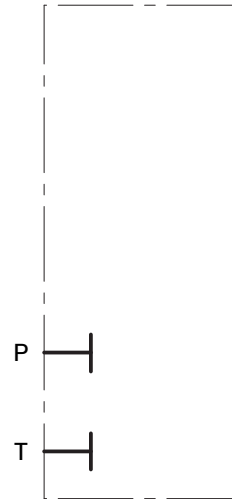
#### Configuration

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

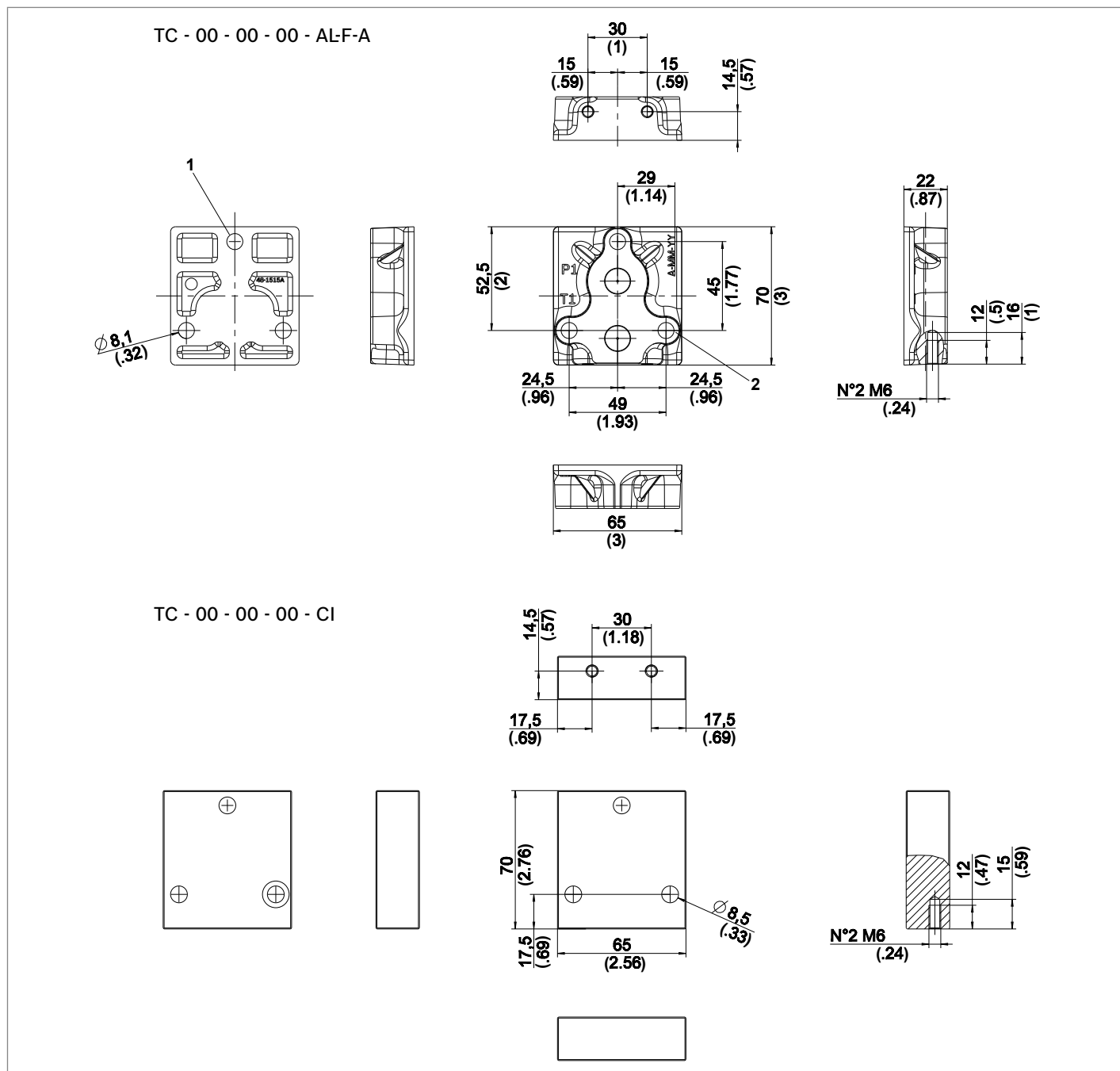
#### Material

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

**Bosch Rexroth Oil Control S.p.A.**

Oleodinamica LC Division  
Via Artigianale Sedrio, 12  
42030 Vezzano sul Crostolo  
Reggio Emilia - Italy  
Tel. +39 0522 601 801  
Fax +39 0522 606 226 / 601 802  
compact-hydraulics-cdv@boschrexroth.com  
www.boschrexroth.com/compacthydraulics

© This document, as well as the data, specifications and other information set forth in it, are the exclusive property of Bosch Rexroth Oil Control S.p.a.. It may not be reproduced or given to third parties without its consent. The data specified above only serve to describe the product. No statements concerning a certain condition or suitability for a certain application can be derived from our information. The information given does not release the user from the obligation of own judgment and verification. It must be remembered that our products are subject to a natural process of wear and aging.  
Subject to change.