

RE 18301-61/07.12
Replaces: 10.09

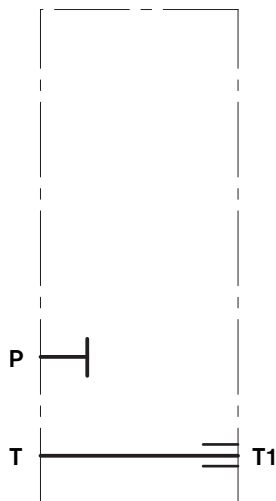
1/2

Outlet elements with additional tank port T1

TC-01-__-



HYDRAULIC - SYMBOL



Description

The outlet elements TC-01-__ are employed to connect the P and T channels of the ED elements of the Directional Valve Assembly, and to provide an extra tank port T1, either size G 3/8 or G 1/2.

The TC-01-__ elements are available with body made of Black Anodized Aluminium (Al).

Technical Data (for applications outside these parameters, please consult us)

General

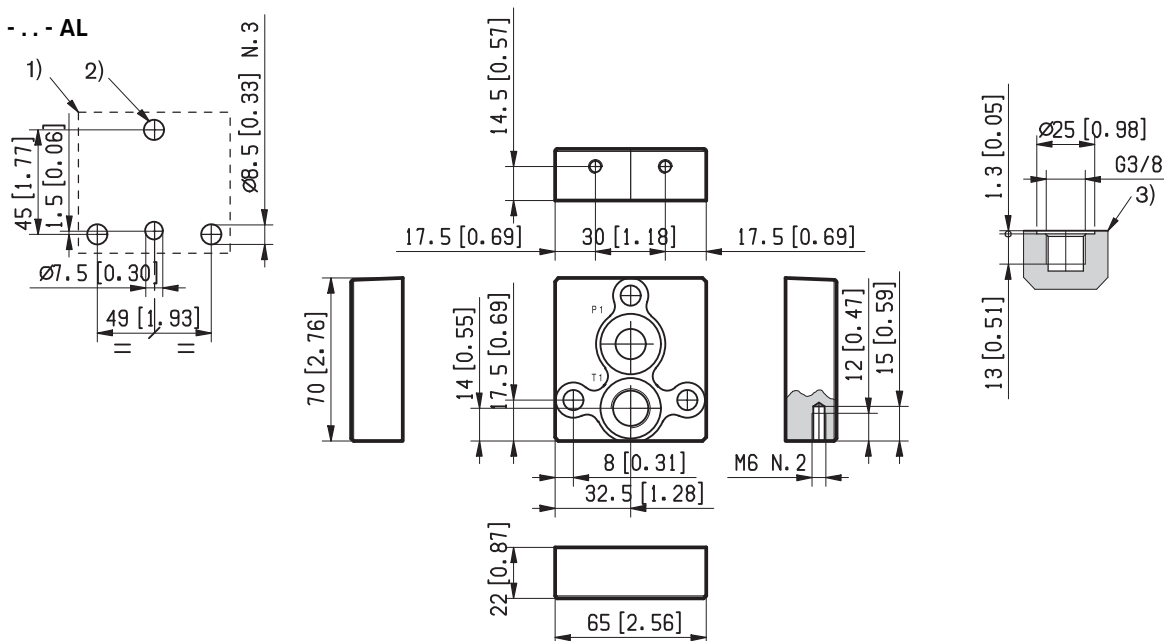
Weight TC-01-02.. element	kg [lbs]	0.16 [0.35]
Weight TC-01-03.. element	kg [lbs]	0.26 [0.56]
Ambient Temperature	°C [°F]	-20....+50 [-4....+120]

Hydraulic

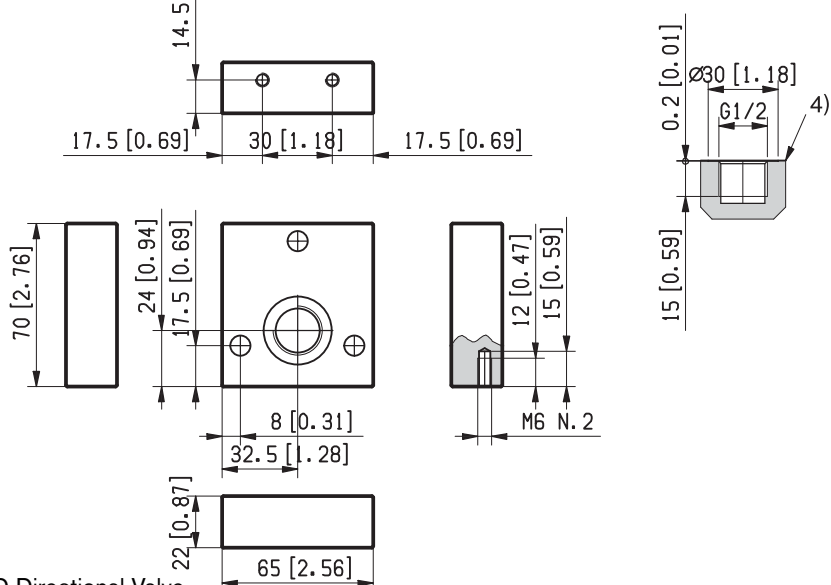
Maximum flow in T	l/min [gpm]	50 [13.2]
Maximum pressure	bar [psi]	250 [3625]
Hydraulic fluid	Mineral oil based hydraulic fluids HL (DIN 51524 part 1). Mineral oil based hydraulic fluids HLP (DIN 51524 part 2). For use of environmentally acceptable fluids (vegetable or polyglycol base) please consult us.	
Fluid Temperature	°C [°F]	-20....+80 [-4....+176] (NBR)
Permissible degree of fluid contamination	ISO 4572: $\beta_{\lambda} \geq 75$ X=12...15 ISO 4406: classe 20/18/15 NAS 1638: classe 9	
Viscosity range	mm ² /s	5....420

External Dimensions and Fittings

TC - 01 - 02 - ... - AL



TC - 01 - 03 - ... - AL



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.

3 Hydraulic Port T1 size G 3/8, for TC-01-02-...

4 Hydraulic Port T1 size G 1/2, for TC-01-03-...

Ordering Details

Family
Outlet Elements

Configuration
with additional tank port T1

TC - 01 - _ - 00 - AL

Material
Aluminium

Ports
G 3/8 DIN 3852
G 1/2 DIN 3852