

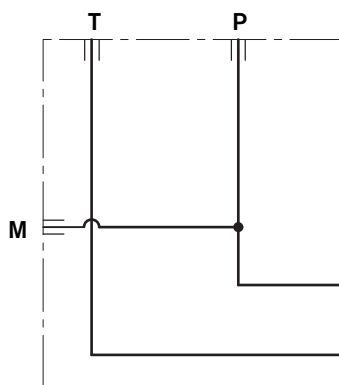
Inlet Elements basic

TE-00-__-



DVI0025

HYDRAULIC - SYMBOL



Description

The inlet elements have threaded ports and connect the external P and T lines to the P and T channels of the ED Directional Valve Elements.

They include a Test Point port (M) for pressure gauge connection.

Port sizes can be G 3/8, G 1/2 or SAE 8 (3/4 16 UNF).

Material: the body can be made of Black Anodized Aluminium (Al), or of Yellow Zinc plated (Cr+3) Cast Iron (CI).

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

General

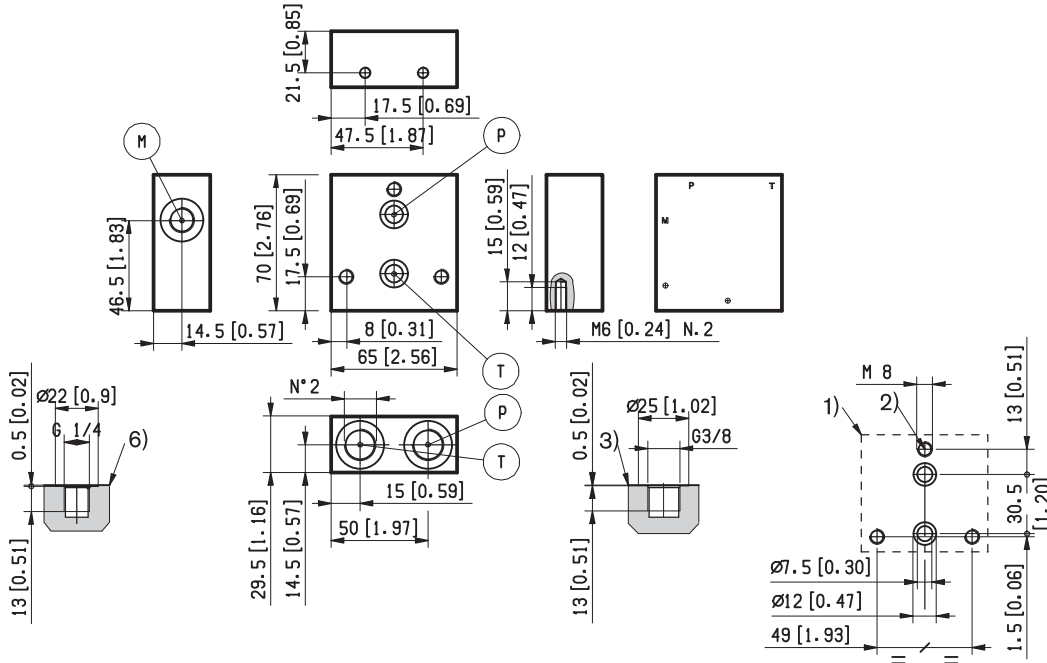
Inlet Element Type	Weight	AL Version (Aluminium)	CI Version (Cast Iron)
TE-00-02-00	kg [lbs]	0.33 [0.72]	0.82 [1.81]
TE-00-03-00	kg [lbs]	0.53 [1.16]	1.35 [2.88]
TE-00-56-00	kg [lbs]	0.53 [1.16]	1.35 [2.88]
Ambient Temperature	°C [°F]	-20....+50 [-4....+120]	

Hydraulic

Maximum pressure for aluminium version	bar [psi]	250 [3625]
Maximum pressure for Cast Iron version	bar [psi]	310 [4500]
Maximum inlet flow	l/min [gpm]	50 [13.2]
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: $\beta_x \geq 75$ X=12...15 ISO 4406: class 20/18/15 NAS 1638: class 9
Viscosity range	mm ² /s	5....420

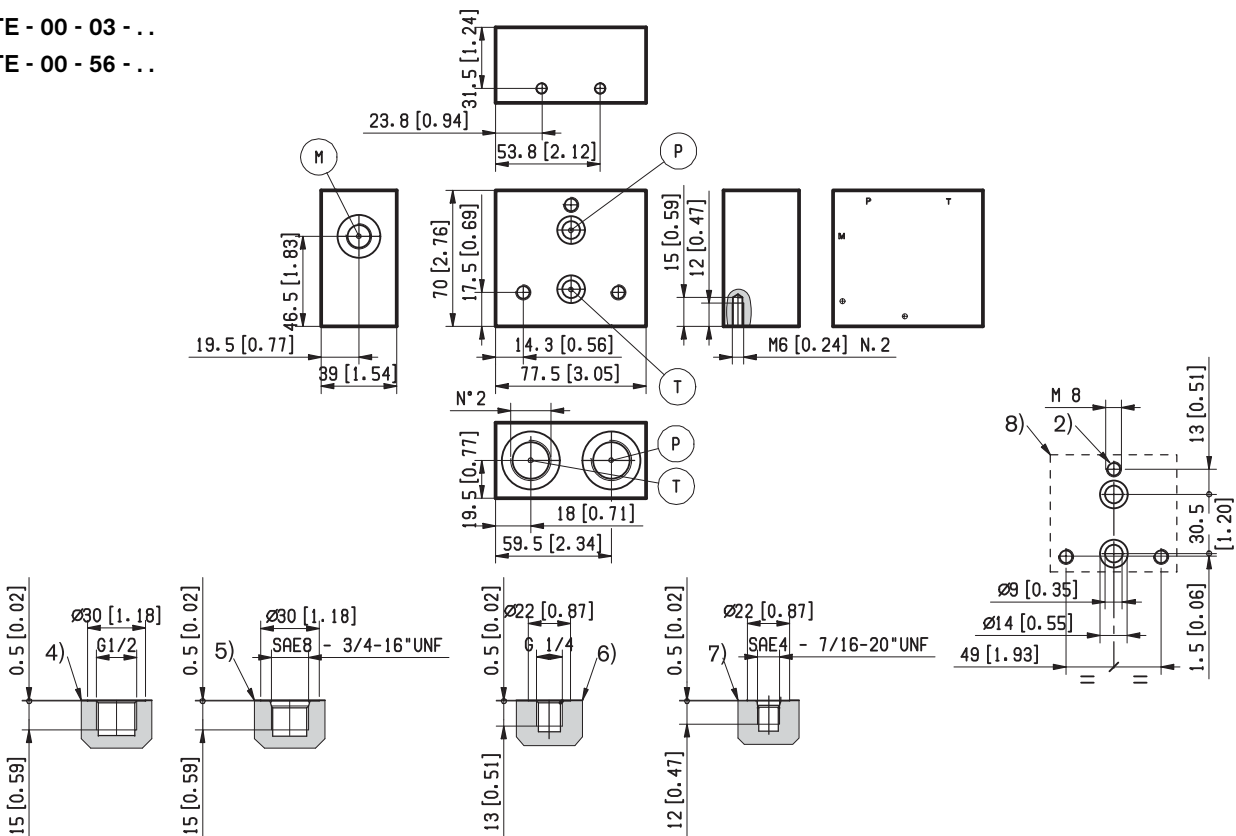
External Dimensions and Fittings

TE - 00 - 02 - ...



TE - 00 - 03 - ...

TE - 00 - 56 - ...



1 Flange details for interfacing with the ED Directional Valve Elements (Version TE-00-02...)

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

3 Hydraulic Ports P-T, for Inlet Elements TE-00-02..

4 Hydraulic Ports P-T, for Inlet Modules TE-00-03..

5 Hydraulic Ports P-T, for Inlet Elements TE-00-56..

6 Test Point port (M), for Inlet Elements TE-00-02.. and TE-00-03..

7 Test Point port (M), for Inlet Elements TE-00-56..

8 Flange details for interfacing with the ED Directional Valve Elements (Version TE-00-03... and TE-00-56...)

Ordering Details

TE	-	00	-	--	-	00	-	--
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Family
Inlet Elements

Configuration
Basic

CI =
AL =

Material
Cast Iron
Aluminium

02 =
03 =
56 =

Ports
G 3/8 DIN 3852
G 1/2 DIN 3852
3/4-16 UNF-2B (SAE8)

