

Inlet Elements basic

TE-00-__-

RE 18300-01

Edition: 02.2016

Replaces: 07.2012



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

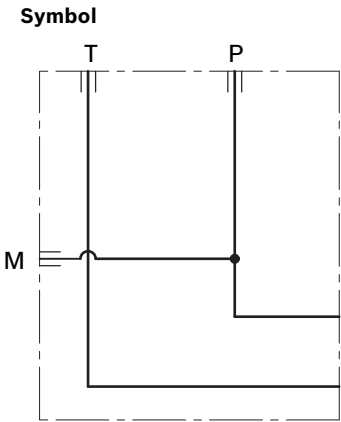
General			
Inlet Element Type		AL Version	CI Version
TE-00-02-00	kg (lbs)	0.33 (0.72)	0.82 (1.81)
TE-00-03-00	kg (lbs)	0.53 (1.16)	1.35 (2.88)
TE-00-56-00	kg (lbs)	0.53 (1.16)	1.35 (2.88)
Ambient Temperature	°C (°F)	-20....+50 (-4....+122) (NBR seals)	
Hydraulic			
Maximum pressure for aluminium version (AL)	bar (psi)	250 (3625)	
Maximum pressure for Cast Iron version (CI)	bar (psi)	310 (4500)	
Maximum inlet flow	l/min (gpm)	50 (13.2)	
Hydraulic fluid	Mineral oil based hydraulic fluids HL (DIN 51524 part 1).		
General properties: it must have physical lubricating and chemical properties suitable for use in hydraulic systems such as, for example:	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	mm²/s	5....420	

Note

For applications with different specifications consult us

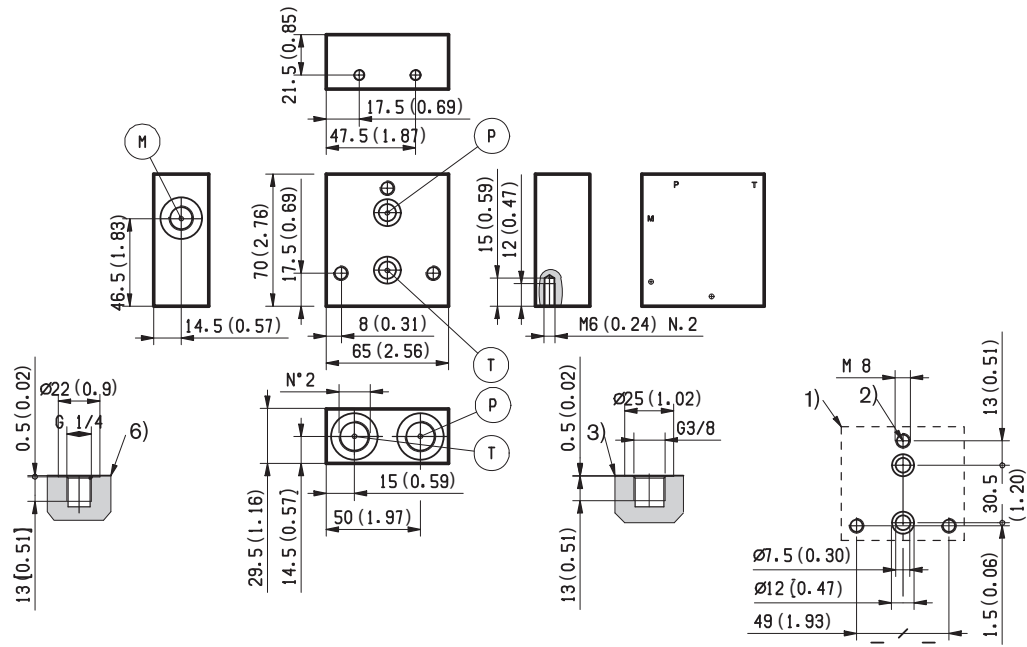
Ordering details

01	02	03	04					
TE	-	00	-		-	00	-	
Family								
01	Inlet Elements							TE
Configuration								
02	Basic							00
Ports								
03	G 3/8 DIN 3852							02
	G 1/2 DIN 3852							03
	3/4-16 UNF-2B (SAE8)							56
Material								
04	Cast Iron							CI
	Aluminium							AL



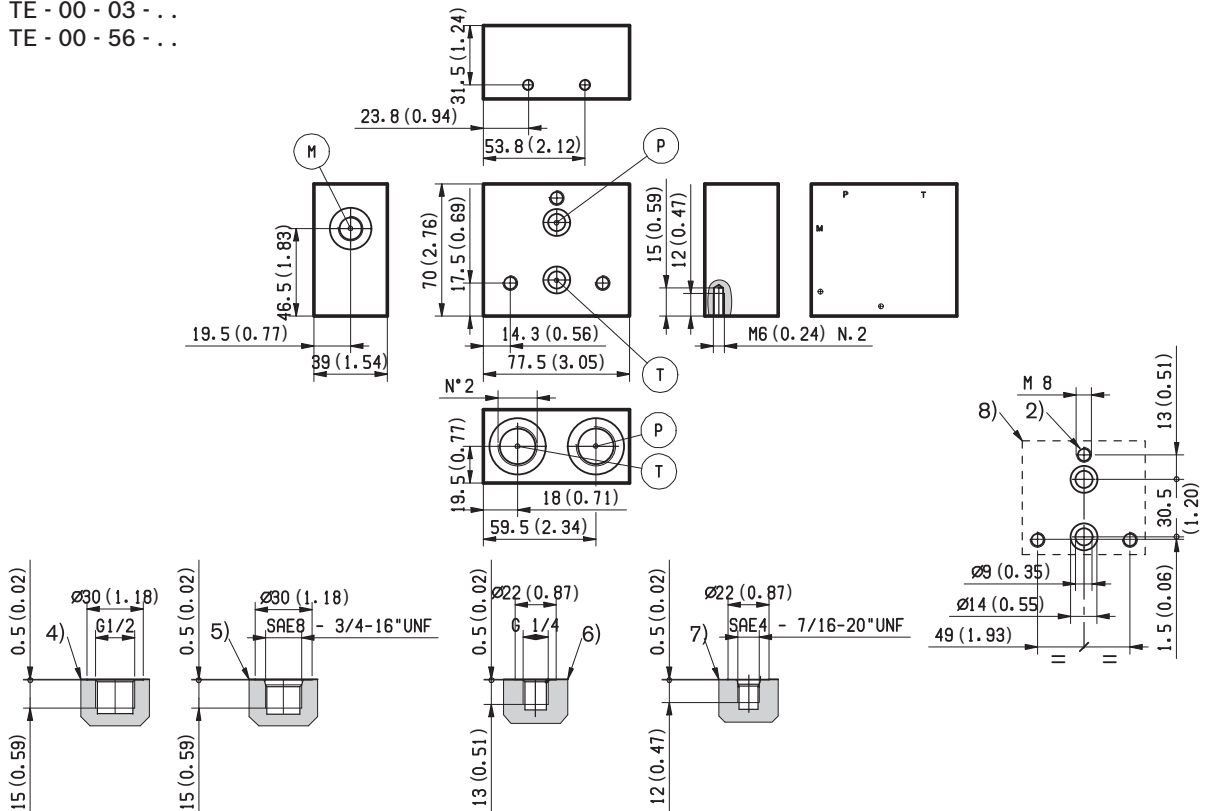
External dimensions and fittings

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...).

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Subject to change.