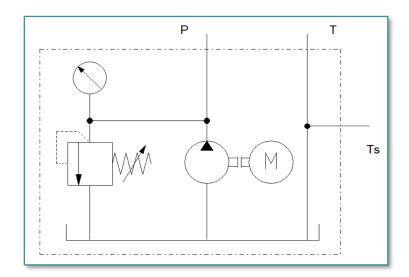
HYDRAULICS & PNEUMATICS

Pneumatic and hydraulic schematic circuits design

Schematic symbols typical for hydraulic systems

I. Choose the correct name of the element depicted with this symbol:



hydraulic pump unit
hydraulic motor
hydraulic rotor
hydraulic supply

II. Choose the name of the element, that serves as a supply of hydraulic oil:

tank

hydrogenerator

manometer

III. What is the function of the hydrogenerator?

It generates the flow of hydraulic oil.

It measures the system pressure.

It regulates the revolutions of the electric motor.



HYDRAULICS & PNEUMATICS

Pneumatic and hydraulic schematic circuits design

Schematic symbols typical for hydraulic systems

IV	Complete the statement:	The idle	nosition of	nressure relie	f valve i	(PrelV) is	"
ıv.	Complete the statement.	, THE TUIC	וט ווטוונטן	pressure rene	i vuive i	FICIVIIS	

closed / opened

v.	Which valve is used to create circuit branches with different pressures?				
	pressure reducing valve				
	pressure relief valve				
VI.	. Photo credits: STEP IN partnership				
VII.	Notes:				

STEP IN to the online world/virtual learning, Facilitation of access to Vocational practice through online teaching at secondary technical schools

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