

Part number:

# DGMS - 5

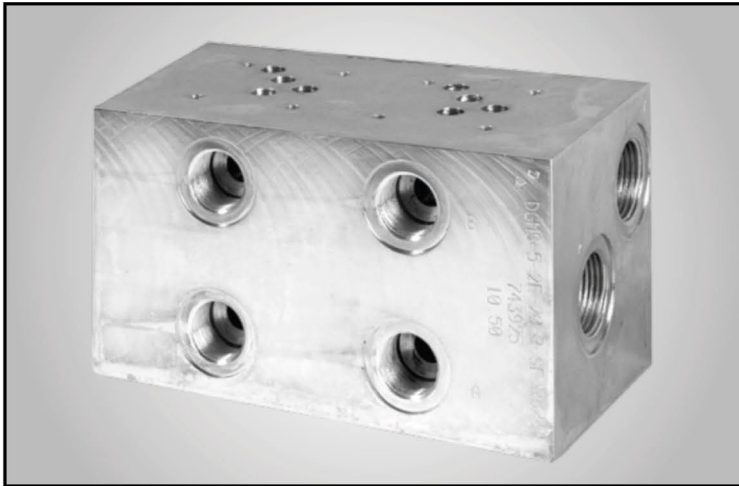
## MULTI-STATION (IN-LINE) MANIFOLDS

| KE 7046 | 09/13 |

**D<sub>n</sub> 10 | p<sub>n</sub> 35 MPa**

Multistation manifolds DGMS-5 are basic elements for in-line mounting of hydraulic circuits in vertical stacking assemblies.

Dn 10, NG 10 | 1-6 sections |  
Steel DIN 5355 3263 | Installation dimensions  
according to: CETOP RP 121-H (CETOP 5),  
ISO 4401-05, DIN 24340



### FUNCTIONAL DESCRIPTION

Multi-station manifolds DGMS-5 provides an economical way of building vertical stacked hydraulic circuit using sandwich plate valves in combination with directional valve of size D<sub>n</sub> 10. All hydraulic circuits have a common pressure and tank ports (P, T) that are situated on each end of the manifold. Each control circuit has a separate actuator ports (A, B) situated on the frontal area of the manifold.

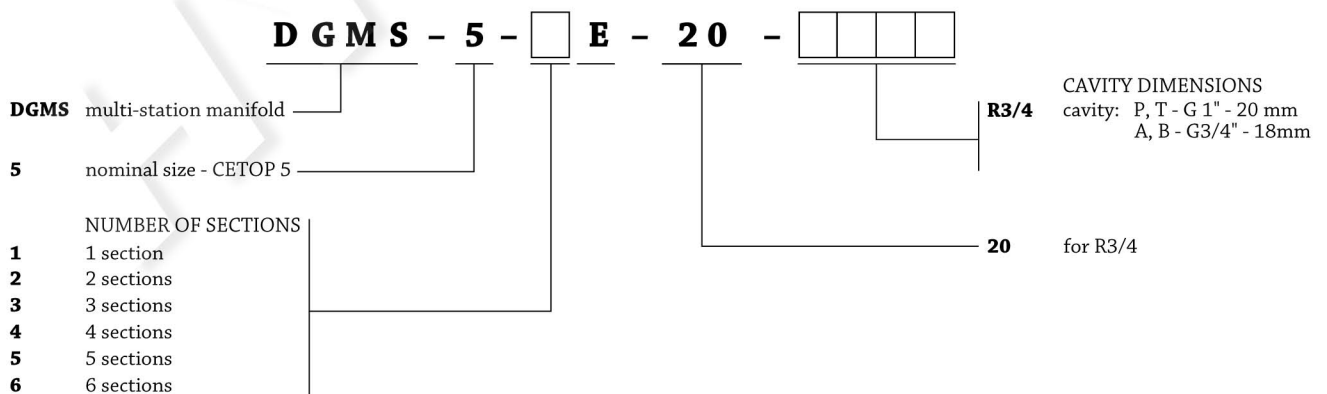
### INSTALLATION, SERVICE AND MAINTENANCE

Multi-station manifolds DGMS-5 can be installed in any working position. Port cavities are designed for pipe or hydraulic hose connection. For cavity dimensions of P, T, A, B ports see the chapter Cavity dimensions of this datasheet. Machined pad must be provided if any section is not used.

### DELIVERY

Fittings, machined pads with sealing and mounting screws are not included in the package. These must be ordered separately.

### ORDERING CODE



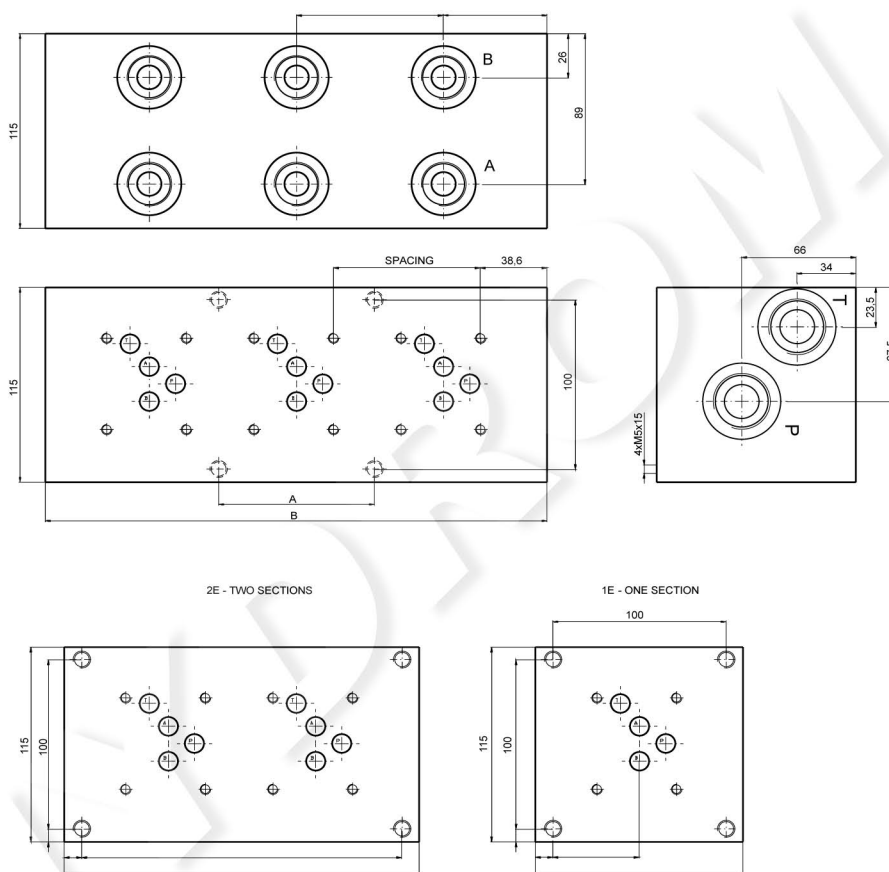
## TECHNICAL DATA

	Symbol	Unit	Value
Nominal pressure	$p_n$	MPa	35
Fluid temperature range	$t_{po}$	°C	-20 up to +80
Ambient temperature range	$t_k$	°C	-20 up to +70
Hydraulic medium		Hydraulic oils of power class (HL,HLP) according to DIN 51524	
Weight	m	kg	see Manifold dimensions
Surface treatment		Nickel plated	
Material		Steel DIN 5355 3263	

## MANIFOLD DIMENSIONS

### DGMS-5-xE-20-R3/4

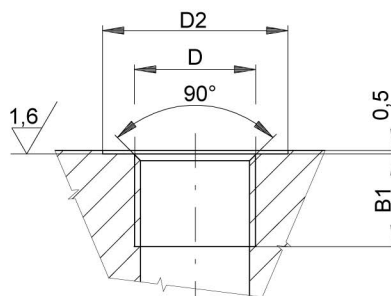
x - number of sections (1 ÷ 6)



Type	x	A	B	Spacing	Weight [kg]
DGMS-5-1E-20-R3/4	1	100	120	-	12
DGMS-5-2E-20-R3/4	2	185	205	85	20,5
DGMS-5-3E-20-R3/4	3	90	290	85	29
DGMS-5-4E-20-R3/4	4	175	375	85	37,4
DGMS-5-5E-20-R3/4	5	260	460	85	45,9
DGMS-5-6E-20-R3/4	6	345	545	85	54,3

## CAVITY DIMENSIONS

Cavity	Thread (D)	D2	B1
P, T	G 1"	45	20
A, B	G 3/4"	37	18



Standard fitting dimensions are used for connecting ports P, T, A, B of the manifold. It is recommended to provide O-ring sealing to all pipe or hydraulic hose fittings.

## INSTALLATION DIMENSIONS

According to CETOP RP 121H-R05 (CETOP 5)

