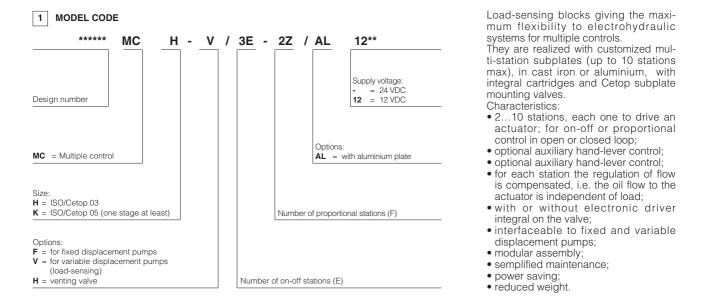


# Multiple electrohydraulic controls type MC

on-off & proportionals



## 2 GENERAL CHARACTERISTICS

Size		ISO/Cetop 03	ISO/Cetop 05		
Maximum flow	[l/min]	60	100		
Maximum pressure	[bar]	350	315		
Number of stations		1 ÷ 10 (max)			
Material		Cast iron Aluminium (for maximum pressure 210 bar)			
Ports (1)		P, A, B = G 1/2" T = G 3/4" M, LS = G 1/4"	P, A, B = G 3/4" T = G 1" M, LS = G 1/4"		
Supply voltage	[VDC]	12, 24			

(1) On request, different threads and flange attachments for ports P, T

### 3 CHARACTERISTICS OF INLET STAGE

F For fixed displacement pump: the block includes a 3-way pressure compensator to regulate the pump pressure to the maximum load

V For variable displacement pump (load-sensing)

H Directional valve for venting, on line LS (load-sensing)

Note: for all the options a protection pressure relief valve is foreseen on port P

#### 4 CHARACTERISTICS OF THE INTERMEDIATE STAGE

Two-way pressure compensator on port P to regulate the flow of each station independently of the load

Check valve on port P for not compensated stations

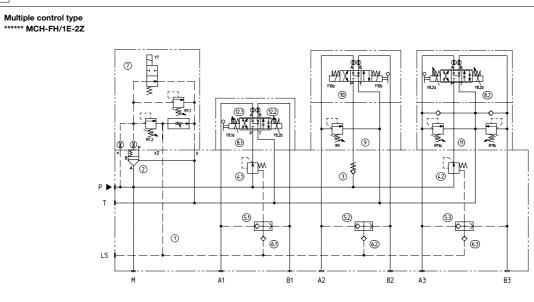
Piloted check valves to hold the load without over-center valves

Modular pressure relief valve to limit the pressure on ports A, B

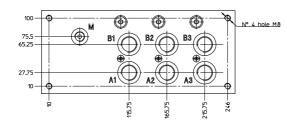
Modular antishock and anticavitation valve

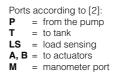
Modular directional valve for floating position type HF-0613, see tab. A700839-1 (TAK-5/E)

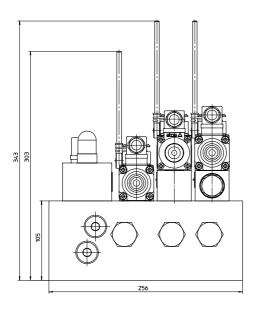
ON-OFF		PROPORTIONAL		
Electric operated	see tab. E010, E020	Directional control	see tab. F160	
Lever operated	see tab. E150, A900678 (TAK-5/E)	Electronics (integrated,	E-MI-AC-01F/7; see tab. G010	
Manual override	see tab. K150 (TAK-5/E)	open loop)		

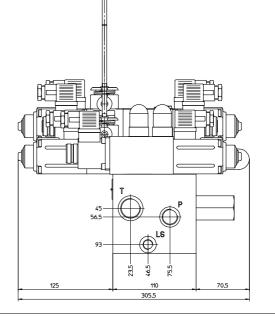


Pos	Code	Description	Pos	Code	Description
1	*****-01	Subplate	7	000106 LIMHC-1/***	Pilot pressure relief with venting
2	SC LI-16313	Compensation cartridge	8	DHZO-A-073-***/BMV	Proportional control
3	SP-CART D-20	Check valve on P for not compensated station	9	HMP-013/***	Modular pressure relief valve
4	SP-CART MC-011/15	Two-way compensator	10	DHI-0713/1-***/AMV	On-off control
5	SP-CART B-5	Shuttle valve for load-sensing selection among different ports	11	HMS-012/***	Modular antishock and anticavitation valve
6	SP-CART D-5	Check valve for load-sensing selection among different ports			

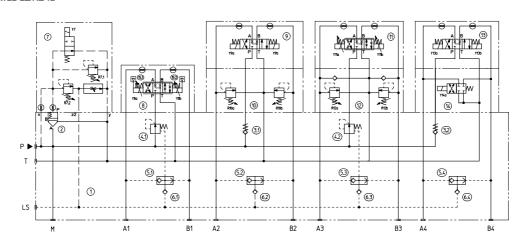




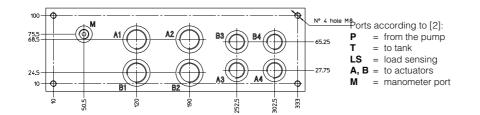


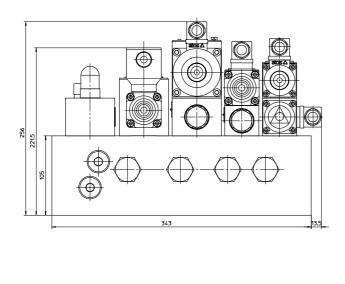


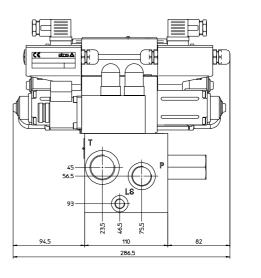
#### Multiple control type \*\*\*\*\*\* MCK-V/2E-2Z/AL/12



Pos	Code	Description	Pos	Code	Description
1	******-01	Subplate	9	DKI-1713/1-***	On-off control
2	SC LI-16313	Compensation cartridge	10	KM-012/***	Modular pressure relief valve
3	SP-CART D-20	Chech valve on P for not compensated station	11	DHZO-A-073-***/ML	Proportional control
4	SP-CART MC-011/15	Two-way compensator	12	HMS-012/***	Modular antishock and anticavitation valve
5	SP-CART B-5	Shuttle valve for load-sensing selection among different ports	13	DHI-0713/1-***/ML	On-off control
6	SP-CART D-5	Check valve for load-sensing selection among different ports	14	HF-0613-***	On-off modular valve for floating position
7	000106 LIMHC-1/***	Pilot pressure relief	15	E-MI-AC-01F/7	Open loop electronics
8	DKZO-A-173-***	Proportional control			









# MULTIPLE ELECTROHYDRAULIC CONTROLS - ON/OFF AND PROPORTIONAL -

Customer / Application	1		Date ———			
Customer:						
Type of machine:		Year q.ty:				
Current electrohydraulic control (suplier/model):						
Type of control:	☐ joystick	$\Box$ joystick with driver	radio control			
Available voltage:	🗌 12 V	24 V	other			
Enclosures:	hydraulic scheme	brochure brochure	other			
Notes:						

<u>Technical generalities of I</u>	Multiple control						
Nr. of ON/OFF stations:	Cetop 03 up to 60 l/min	Cetop 05 up to 100 l/min $\Box$					
Nr. of proportional stations:	Cetop 03 up to 60 l/min	Cetop 05 up to 100 l/min					
Fixed displacement pump	Variable displacement pump						
Supplier/model (pump):							
Max flow [I/min]:							
Max pressure [bar]:							
Ports: size	attachment	position					
Р							
т							
Α							
В							
Three-way pressure compensator Δp value [bar]							
Pressure relief valve							
Electric venting							
Other:							
	Initials						
Code of multiple control: 90 MC							