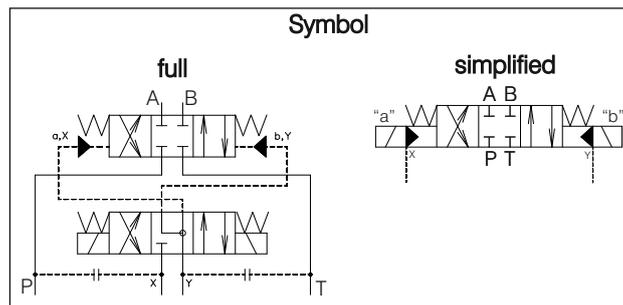


**GENERAL DESCRIPTION**

List: RH16-Dec 2016

- ✓ 4/3- way directional control valves pilot operated
- ✓ Standard CETOP3 pilot valve
- ✓ Maximum control of hydraulic power
- ✓ Reliability and long life
- ✓ Mounting surface CETOP7 (NG16)

**RH16...2...-FN**
**RH16...3...-.../...F...-NK1**

**ORDERING CODE**

RH	16	...	3	...	...	-	.../...	F	...	...	...	...
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Directional control valve

Nominal size

Functional symbol see page 2/5

 Type of control:     hydraulic - **2**  
                           electrohydraulic - **3**

 Pilot oil:     supply/drain  
           external supply/external drain - **XY**  
           external supply/internal drain - **XT**  
           internal supply/external drain - **PY**  
           internal supply/internal drain - **PT**

 Integrated check valve:  
                           without check valve - omit  
                           with check valve - **C**

Supply voltage/current frequency see page 2/5	012/00
	024/00
	048/00
	110/50
<b>(omit for type of control 2)</b>	220/50

Modification

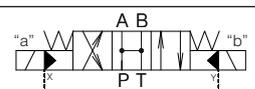
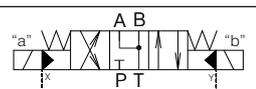
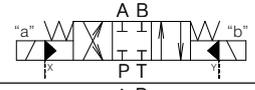
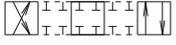
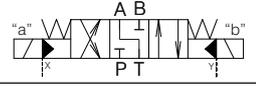
 Distribution plate:  
 Omit - without plate  
**P** - with plate  
**(only for type of control 2)**

 Orifice in P line  
 Omit - without orifice  
**K1** - orifice  $\varnothing 0,8\text{mm}$ .

 Working environment:  
**N** - normal  
**T** - tropical

 Connectors:  
**C1**-without connectors  
**C2**-standard conn. for "DC"  
**C3**-with light indicator "DC"  
**C4**-standard conn. for "AC"  
**C5**-with light indicator "AC"  
**(omit for type of control 2)**

**FUNCTIONAL SYMBOLS**

DESIG-NATION	SYMBOL	INTERMEDIATE	DESIG-NATION	SYMBOL	INTERMEDIATE
00			04		
01			26		
02			Other symbols on request.		

**TECHNICAL DATA**
**GENERAL**

DATA	UNIT	VALUE/RANGE
Max. ambient temperature	°C	-20...+50
Weight	kg	9,900

**HYDRAULIC**

Max. pressure	port P , A & B port T	MPa MPa	32 16
Max. flow		l/min	300
Hydraulic fluid-mineral oil:			
-viscosity		mm <sup>2</sup> /s	10...800
-filtration degree		mm	0.025
-temperature		°C	-20...80

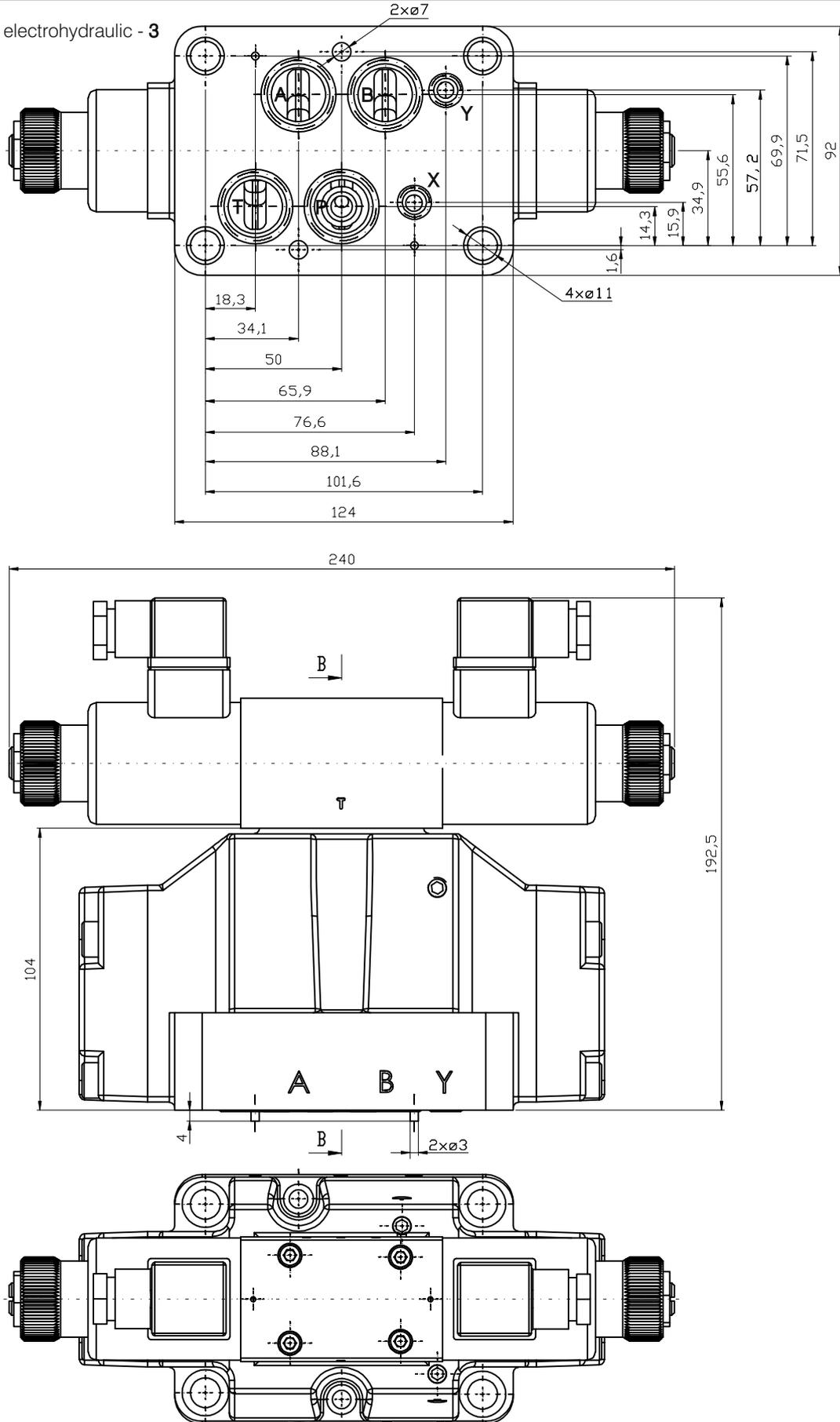
**(PILOT VALVE)**
**ELECTRICAL**

Cyclic duration		%	100
Waterproof			IP65
Type of voltage			DC                      AC
Available voltage /frequency		V/Hz	12/00                      110/50(60) 24/00                      220/50(60) 48/00
Voltage tolerance		%	±10
Current consumption	12VDC 24VDC 48VDC 110V RAC 220V RAC	A	2,4 1,3 0,58  0,5 0,25

More options about pilot solenoid valve see catalogue "Directional control valves CETOP3".

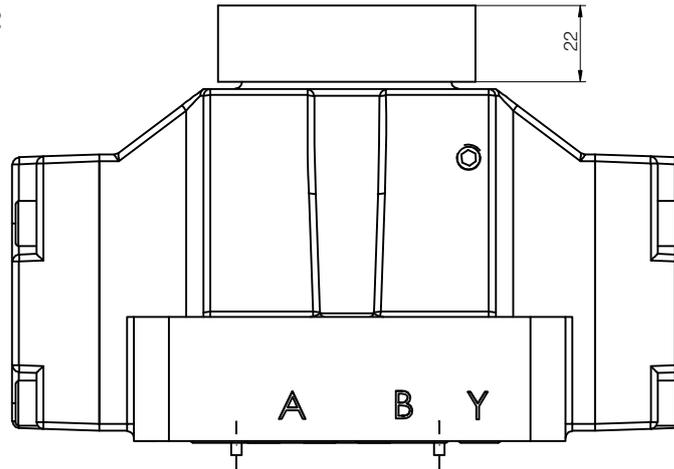
DIMENSIONS

Type of control electrohydraulic - 3



DIMENSIONS

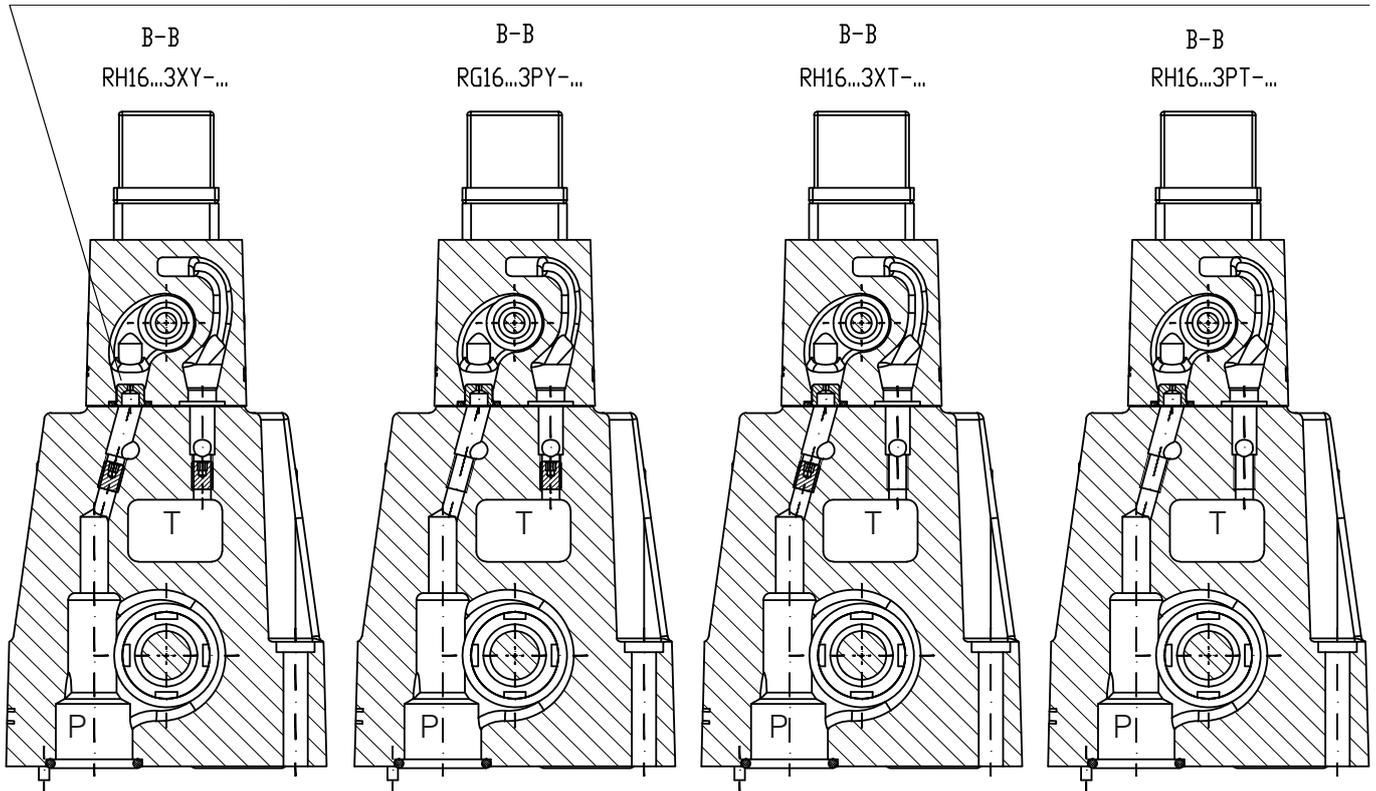
Type of control hydraulic - 2



For type of control hydraulic -2 only "XY" option is available.

PILOT SUPPLY / DRAIN

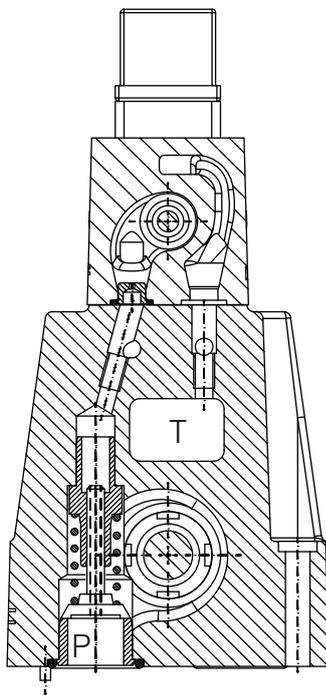
If the flow exceed 70l/min the pilot solenoid valve must have an orifice in "P" line-see catalogue "Directional control valves CETOP 3". As standard throttle always recommended.



XY	PY	XT	PT
Ports "X"&"Y" are opened in subplate	Port "X" is closed in subplate	Port "Y" is closed in subplate	Ports "X"&"Y" are closed in subplate

**INTEGRATED CHECK VALVE**

B-B  
RH16...3PT-...



For spool designation "00" and "02" the options of "PT" and "PY" are available only with integrated check valve in the "P" port of the main valve.