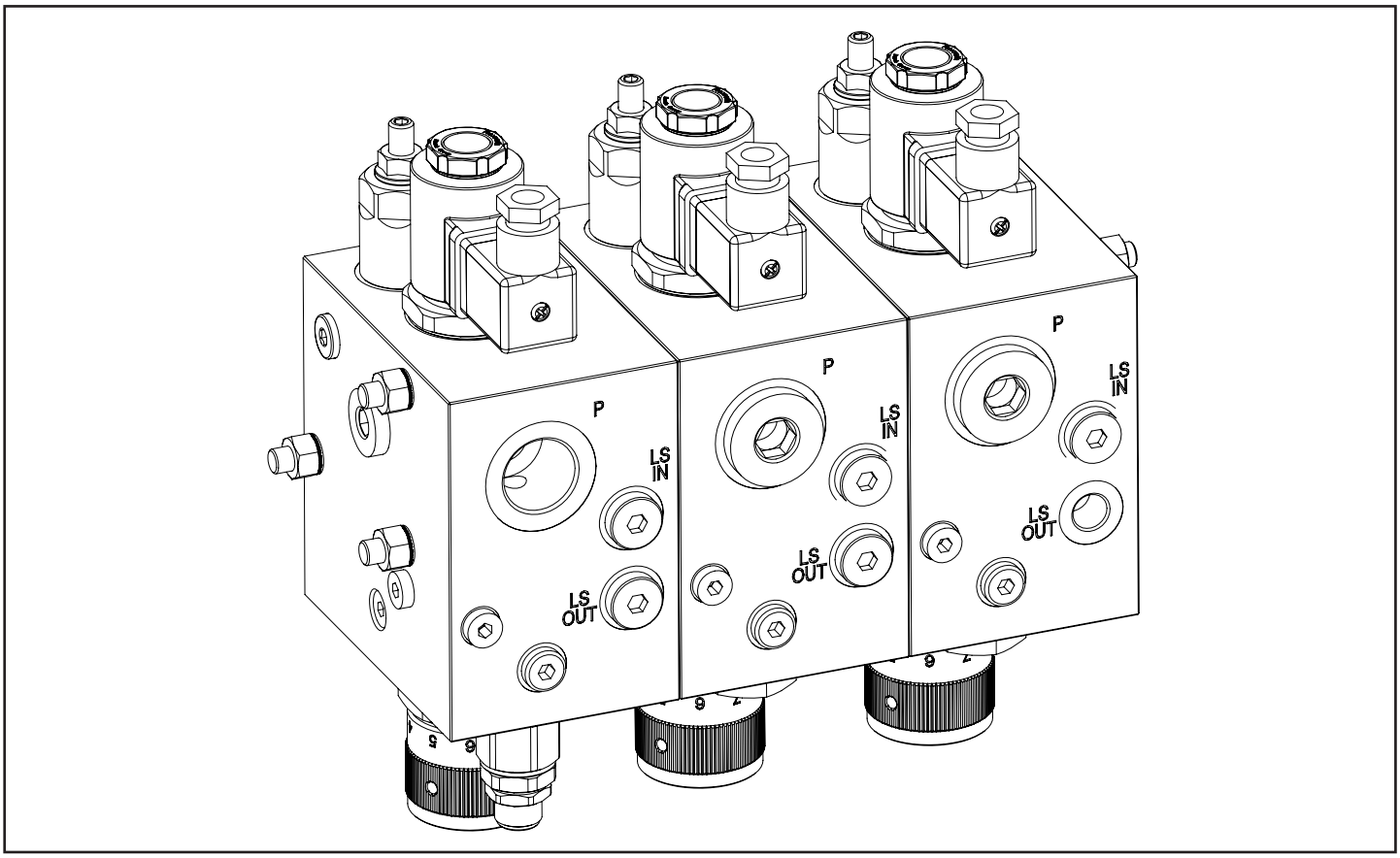
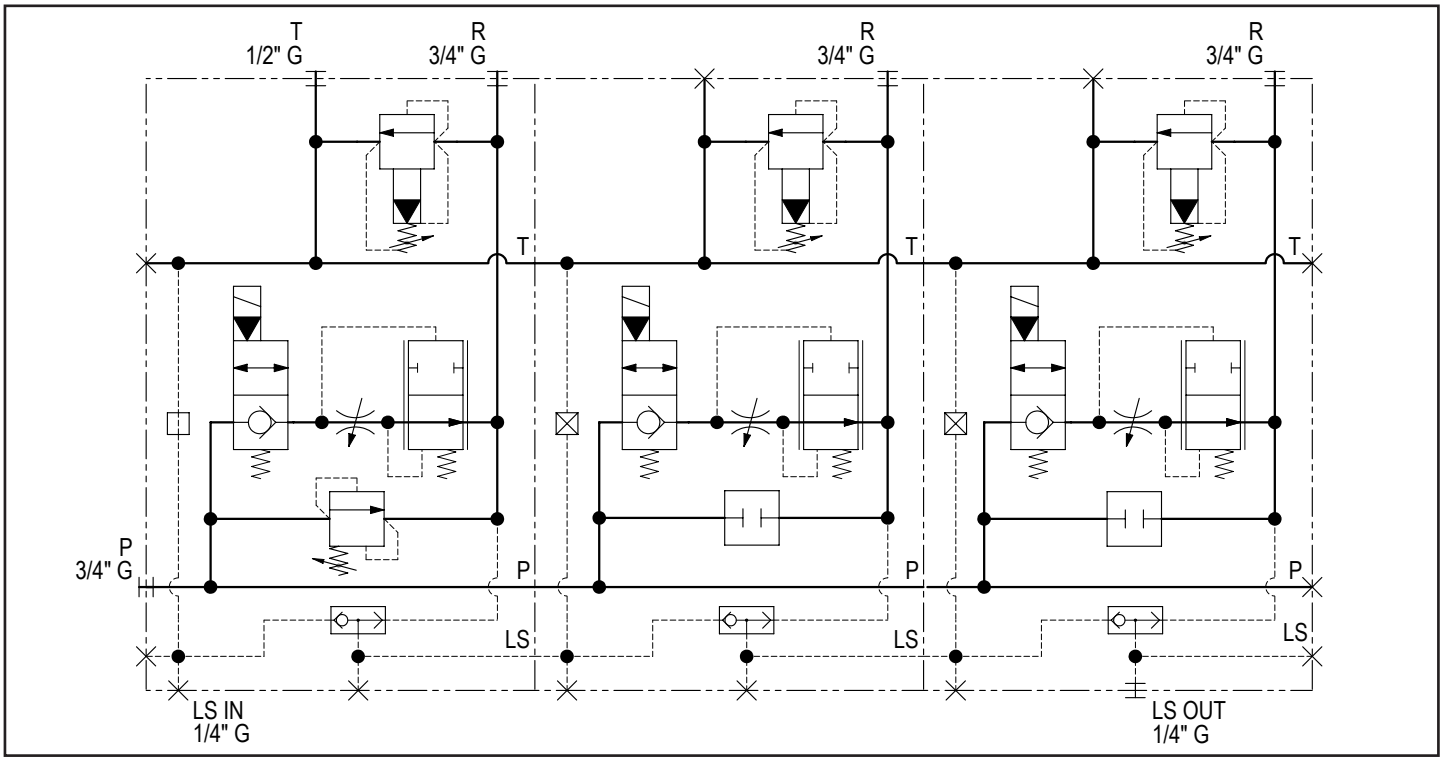
Management block for simultaneous feeds with a variable displacement pump 3/4" G

H97101

This equipment allows to set different flow rates and different pressures for multiple outputs connected to the same variable displacement pump. The flow rates and pressures set are also respected for contemporary uses.
To offer greater flexibility in warehouse management, the different types of sections, input / intermediate / closing, use the same manifold. As a result, they can be transformed into another type of section by adding / removing a few components (see separate components for details). The LS OUT (towards the pump) must be on the closing section, a potential LS IN (coming from a distributor, for example) on the inlet section.
The inlet section can be used stand alone.

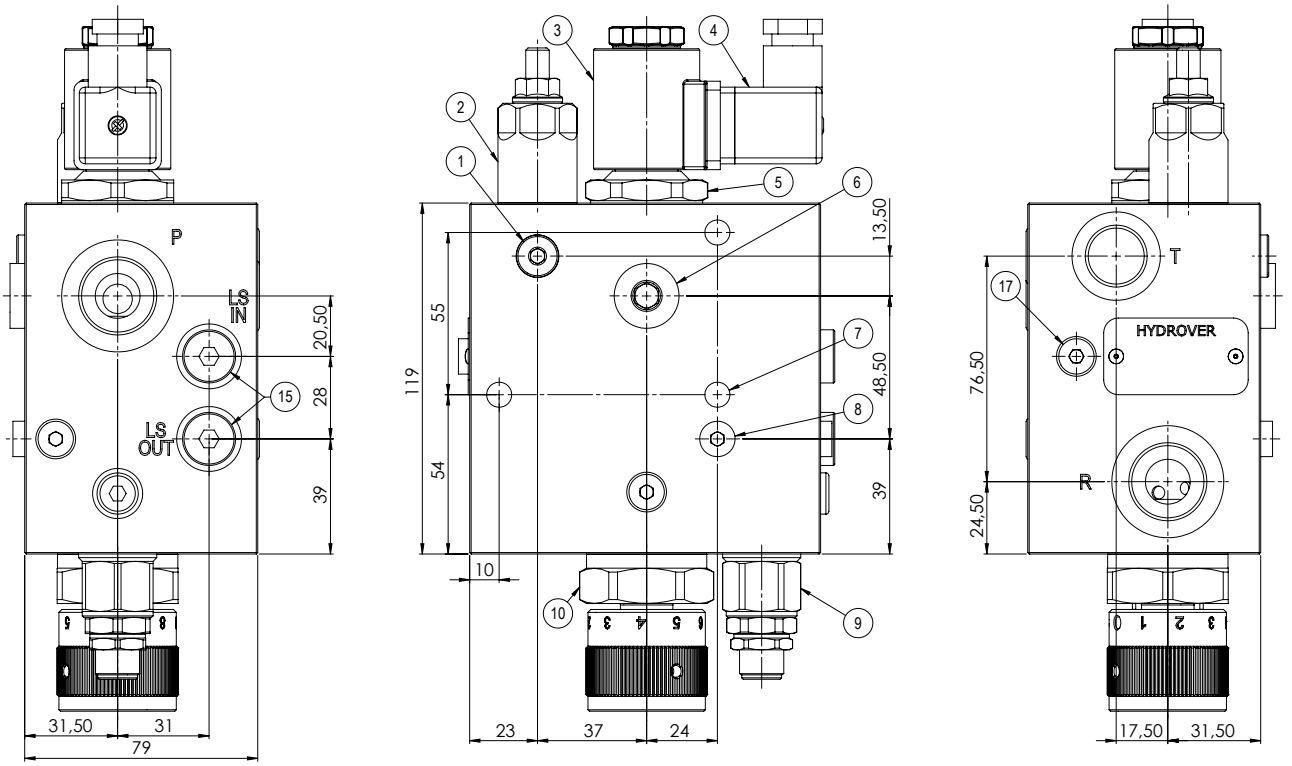
Dimensions in mm



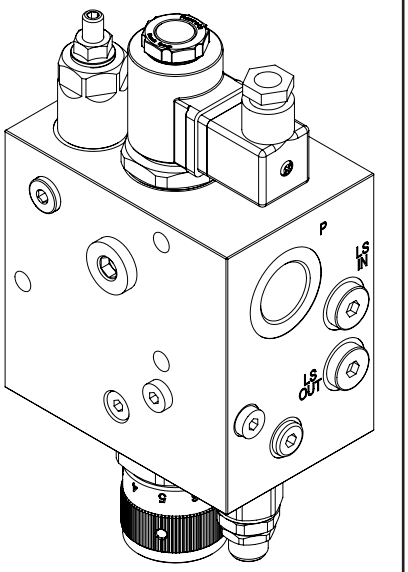


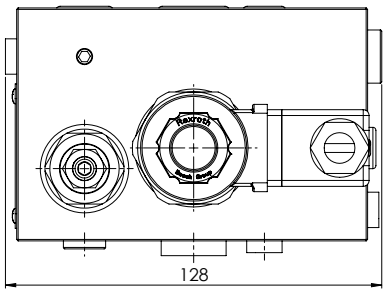
Management block for simultaneous feeds with a variable displacement pump 3/4” G - Inlet section

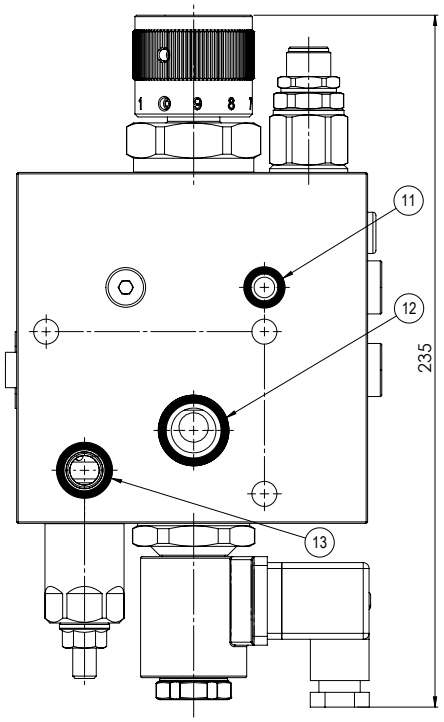
H97101

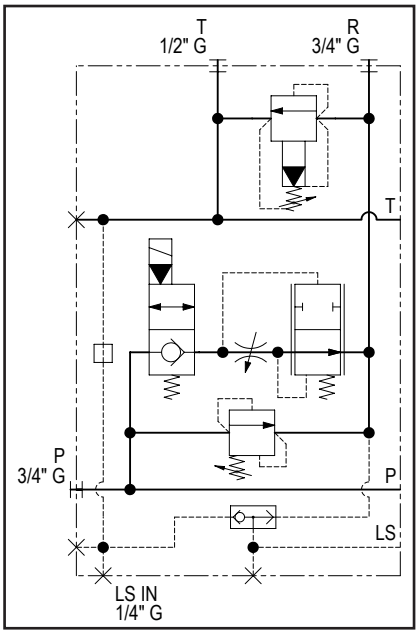


Technical data		
Inlet max. flow		150 lt/1
Regulated max. flow		100 lt/1
LS IN / LS OUT ports		1/4” G
T port		1/2” G
P / R ports		3/4” G
Man. material	Aluminium	Steel
Max. pressure	250 bar	350 bar
Weight	4 Kg	8,5 Kg





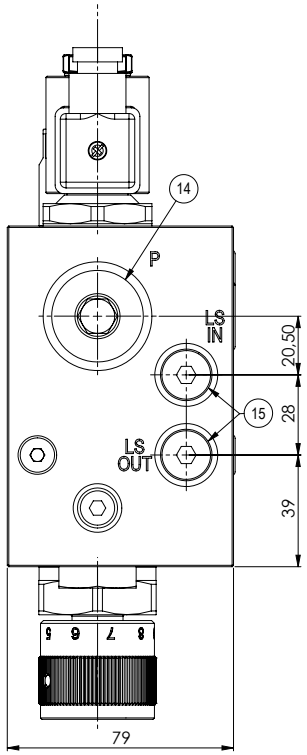


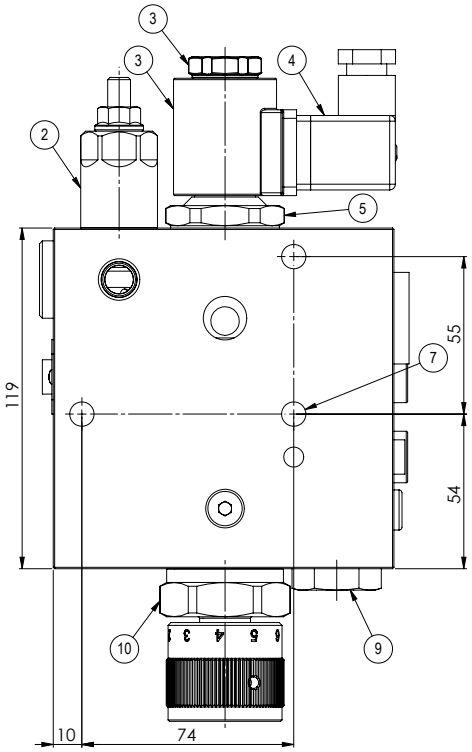


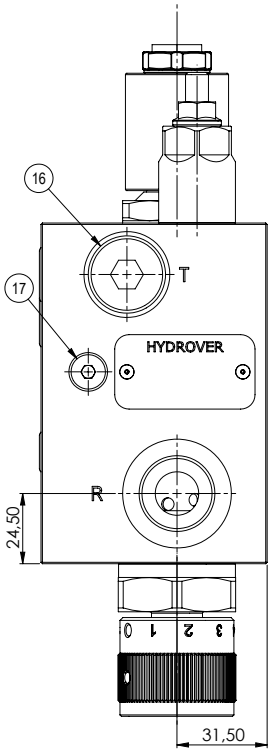
Management block for simultaneous feeds with a variable displacement pump 3/4” G - Intermediate section

H97101

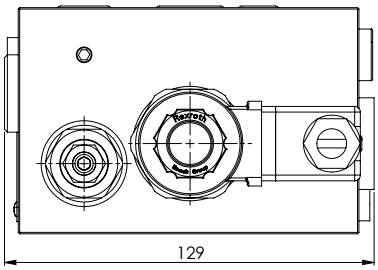
Dimensions in mm

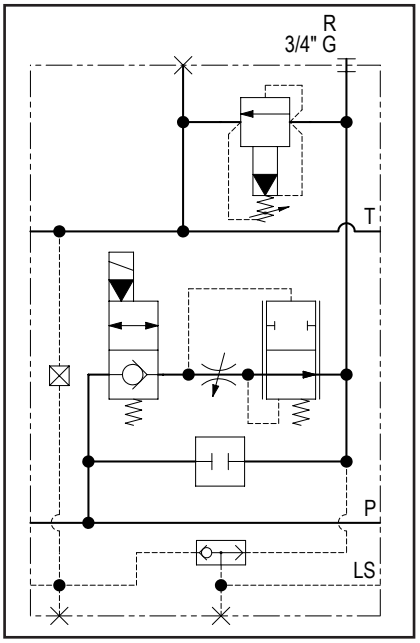


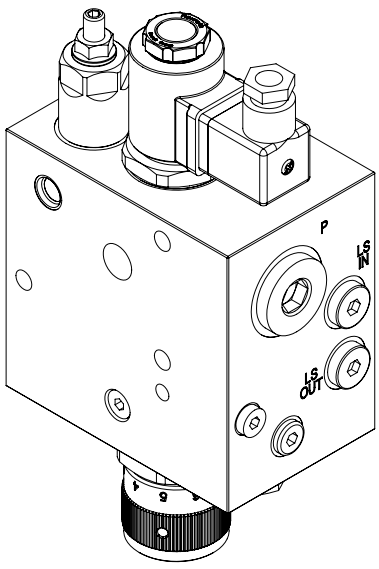


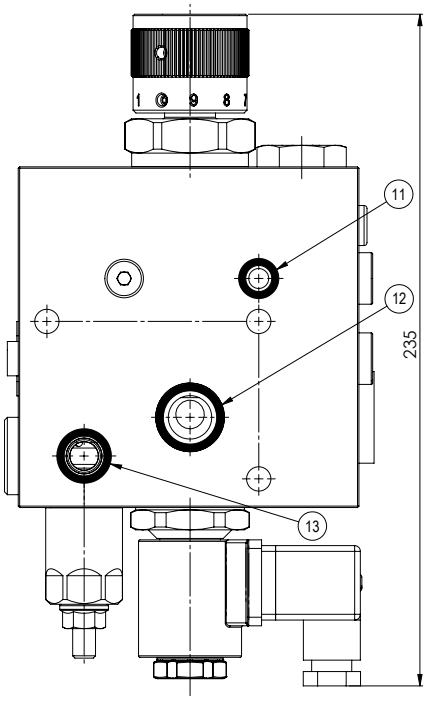


Technical data		
Regulated max. flow		100 lt/1
R port		3/4” G
Manifold material	Aluminium	Steel
Maximum pressure	250 bar	350 bar
Weight	4 Kg	8,5 Kg



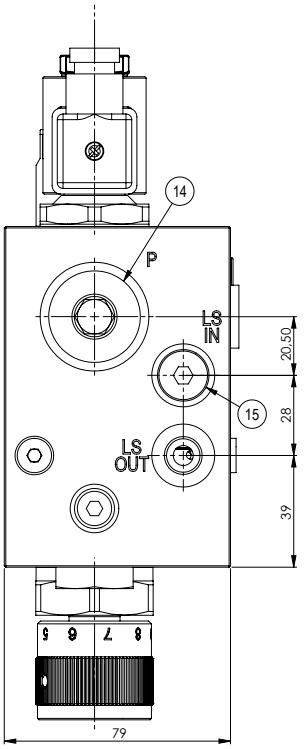


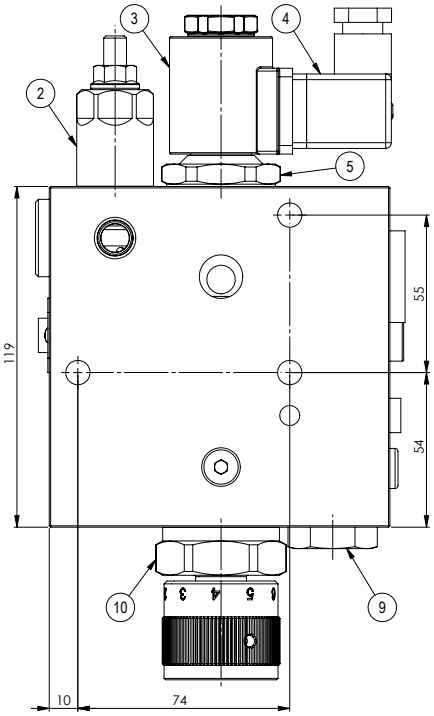


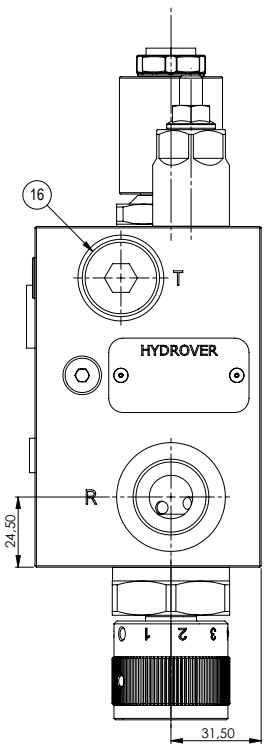


Management block for simultaneous feeds with a variable displacement pump 3/4” G - Closing section

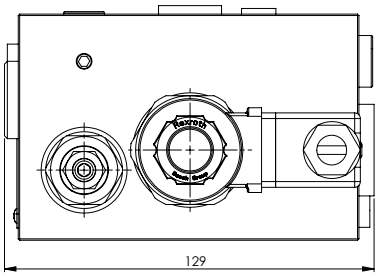
H97101

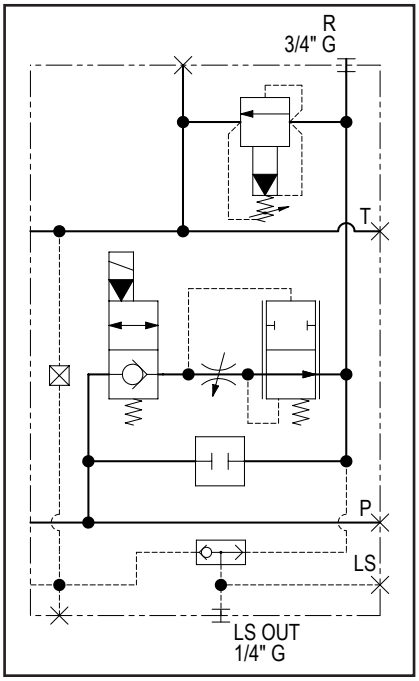


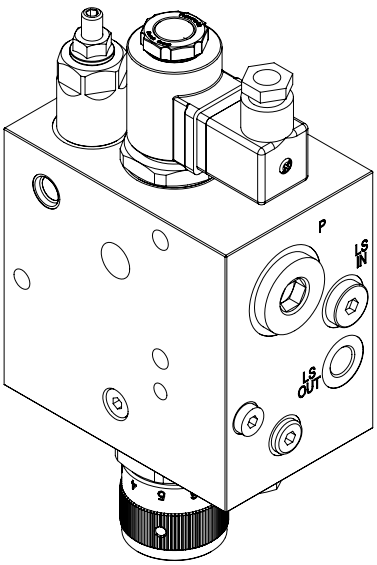


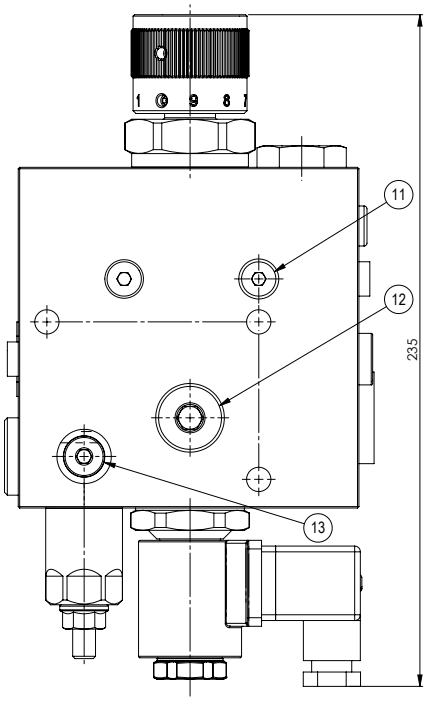


Technical data		
Regulated max. flow		100 lt/1
LS OUT port		1/4” G
R port		3/4” G
Manifold material	Aluminium	Steel
Maximum pressure	250 bar	350 bar
Weight	4 Kg	8,5 Kg









Ordering code

H	9	7	1	0	1	_	_	-	_	_	-	_	_	-	_	_	_

Hydrover product

Product series
97 series - Multifunctional integrated circuits

Product ID

Manifold material
Aluminium =A
Steel =S

Section type
Inlet = E
Intermediate = I
Closing = C

Relief valve adjustment type on R *
Screw = S
Knob = K

Relief valve adjustment pressure range on R *
1 = 35-140 bar
2 = 70-280 bar
3 = 140-420 bar
3 = 35-350 bar (adj. knob)

Solenoid valve manual override *
E0 = Without
EV = Screw

Solenoid valve coil voltage *
OB = 12V DC
OC = 24V DC
OD = 48V DC
OU = 110V RAC
AH = 230V RAC

Solenoid valve coil connection *
1 = DIN 43650 ISO 4400

Dimensions in mm

N°	Description	Q.ty
1	TPCLOR7/16”UNF on the inlet section (T)	1
2	Bosch Rexroth relief valve on R **VSPN-10A** * depicted with screw adjustment	1
3	Bosch Rexroth coil **D36** - CLASS H DIN 43650 ISO 4400 *	1
4	Connector DIN 43650 ISO 4400	1
5	Bosch Rexroth solenoid valve **OD.15.05.21-Y-00000** depicted without manual override *	1
6	TPCLG-38G on the inlet section (P)	1
7	Ø 8,5 through hole for tie rod	3
8	TPCLG8X1 on the inlet section (LS)	1
9	HCMM03-S3 50-350 bar anti-shock valve on the inlet plate, **0489A2008500000** plug on the other sections.	1
10	Flow regulator	1
11	TPCLG8X1 on the closing section, OR 109 Ø i. 9,13 c. s. 2,62 on the other sections (LS)	1
12	TPCLG-38G on the closing section, OR 3075 Ø i. 18.72 c. s. 2,62 on the other sections (P)	1
13	TPCLOR7/16”UNF on the closing section, OR 3056 Ø i. 13.95 c. s. 2,62 on the other sections (T)	1
14	TPCLG-34G on the intermediate and closing sections (P)	1
15	TPCLG-14G on the inlet and intermediate sections (LS OUT), on all sections (LS IN)	1
16	TPCLG-12G on the intermediate and closing sections (T)	1
17	TPCN 6 under the TPCLG-M8X1 on intermediate and closing sections. To add on the inlet section if a LS IN is connected.	1

** for complete technical information, click on the blue link or go to the components section at the end of the catalogue*