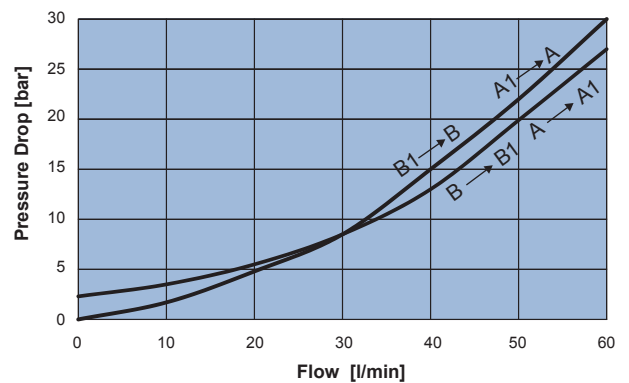
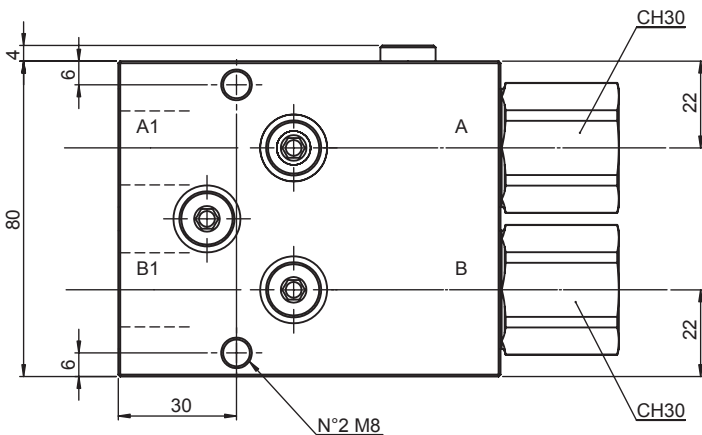
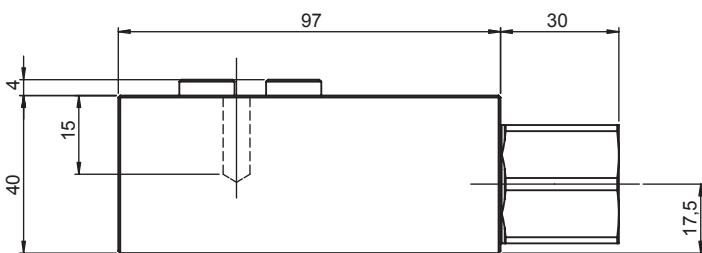
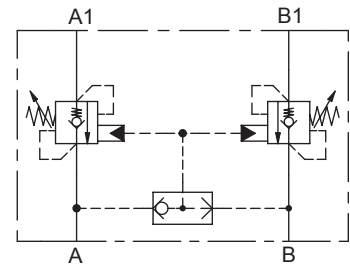


DOUBLE ACTING COUNTERBALANCE VALVE IN LINE WITH AXIAL DISCHARGE

- Flow..... **60 l/min**
- Max working pressure..... **350 bar**
- Compensation..... **Not Compensated**
- Weight..... **2,4 Kg**



Note:
- Pressure setting must be 30% higher than pressure induced by the load.

Ordering code

H 5 2 3 0 N **S** **0 0**

PILOT RATIO	
40	4:1

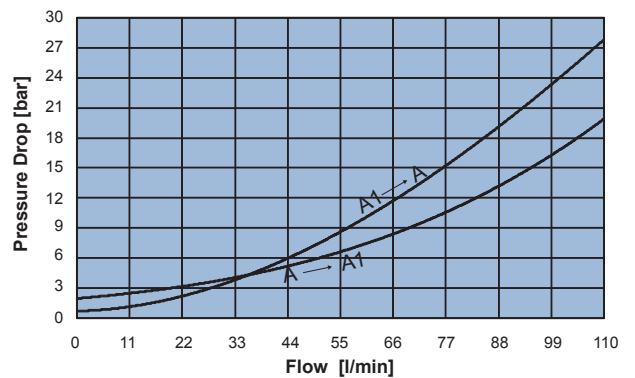
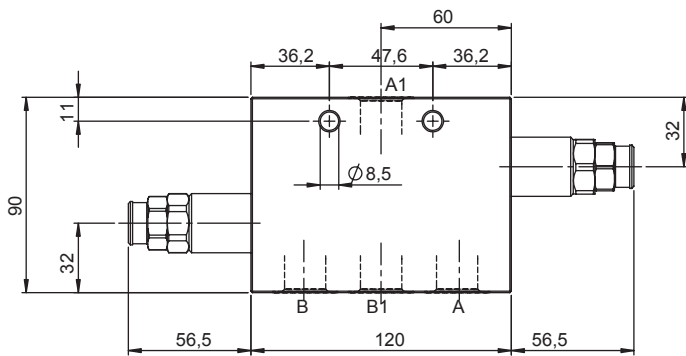
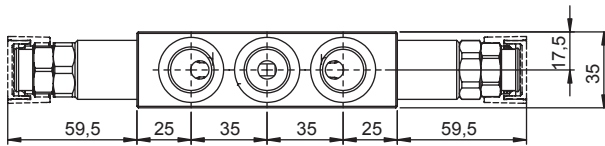
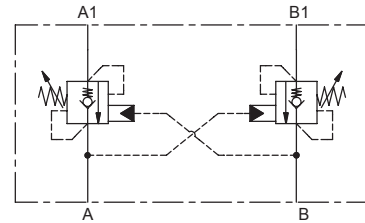
SPRINGS	3
Setting range min.-max. [bar]	211 - 350
Pressure Increase [bar/turn]	120
Standard setting 4 l/min [bar]	350

PORTS	04
A,B,A1,B1	G 1/2"



DOUBLE ACTING COUNTERBALANCE VALVE

- Flow. **110 l/min**
- Max working pressure. **410 bar**
- Compensation. **Not Compensated**
- Weight. **3 Kg**
- Tamper proof cap. **cod.9021030190**



Note:
 - Pressure setting must be 30% higher than pressure induced by the load.
 - Back pressure can influence the opening pressure (LHD10X-C is recommended for circuits with high back pressure)

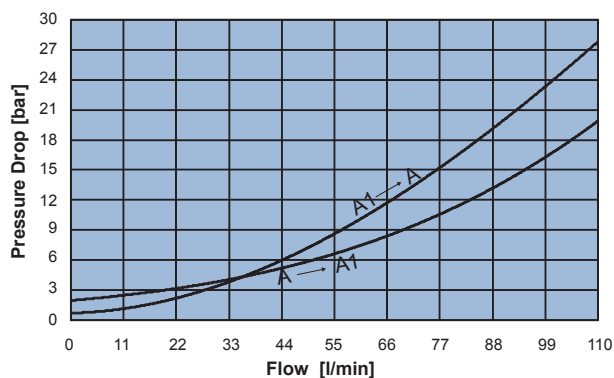
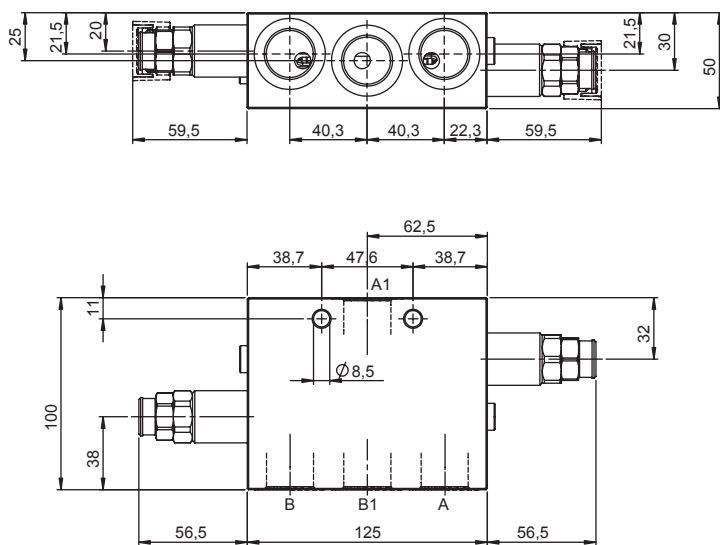
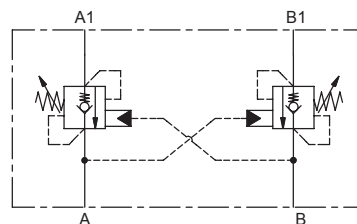
Ordering code

H 1 0 3 0 N **S** **0 0**

PILOT RATIO		SPRINGS		PORTS	
40	4:1	2	4	04	
		Setting range min.-max. [bar]	60 - 210	120 - 410	Ports: A,A1,B,B1
		Pressure Increase [bar/turn]	52	85	Ports: G 1/2"
		Standard setting 4 l/min [bar]	200	350	

DOUBLE ACTING COUNTERBALANCE VALVE

- Flow..... **110 l/min**
- Max working pressure..... **410 bar**
- Compensation..... **Not Compensated**
- Weight..... **4,7 Kg**
- Tamper proof cap..... **cod.9021030190**



Note:
 - Pressure setting must be 30% higher than pressure induced by the load.
 - Back pressure can influence the opening pressure (LHD10X-C is recommended for circuits with high back pressure)

Ordering code

H 1 0 3 0 N **S** **0 0**

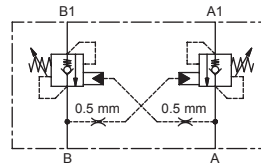
PILOT RATIO		SPRINGS		PORTS	
40	4:1	2	4	05	
		Setting range min.-max. [bar]	60 - 210 120 - 410	A,A1,B,B1	G 3/4"
		Pressure Increase [bar/turn]	52 85		
		Standard setting 4 l/min [bar]	200 350		



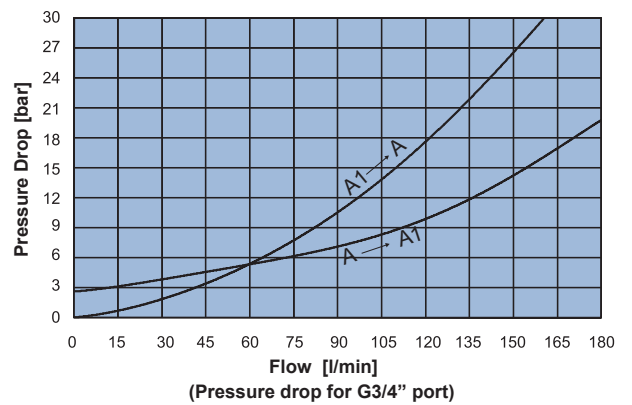
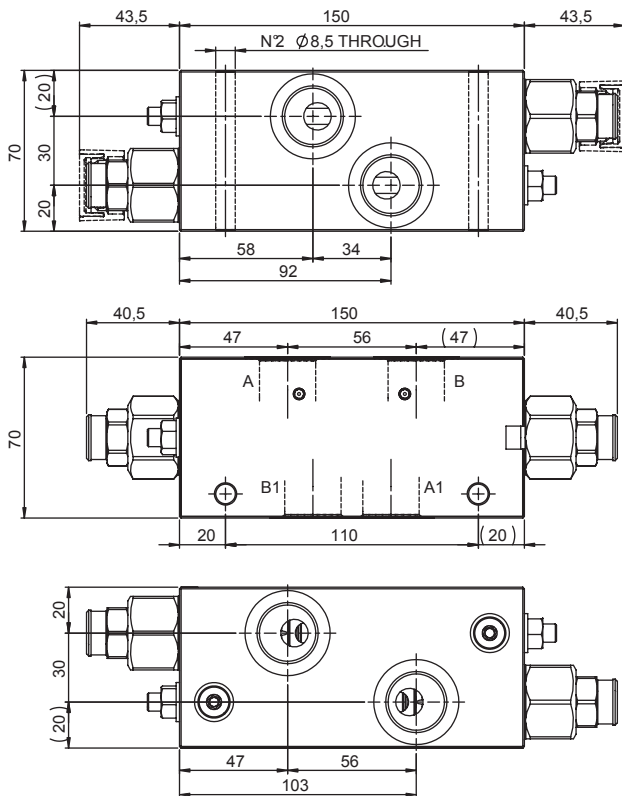
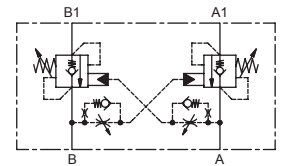
DOUBLE ACTING COUNTERBALANCE VALVE

- Flow..... **180 l/min**
- Max working pressure..... **410 bar**
- Compensation..... **Not Compensated**
- Weight..... **5,3 Kg**
- Tamper proof cap..... **cod.9021030190**

SCHEME 40 - 80



SCHEME 42 - 82



Note:
 - Pressure setting must be 30% higher than pressure induced by the load.
 - Back pressure can influence the opening pressure (LHD15X-C is recommended for circuits with high back pressure)

Ordering code

H 1 5 3 0 N **S** **0 0**

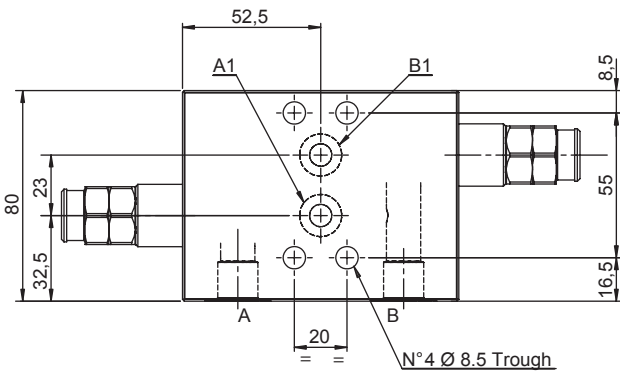
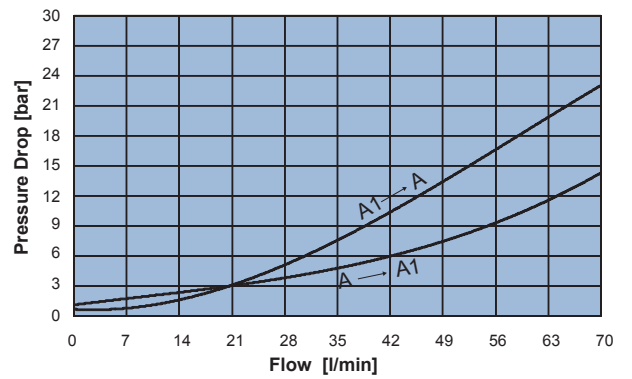
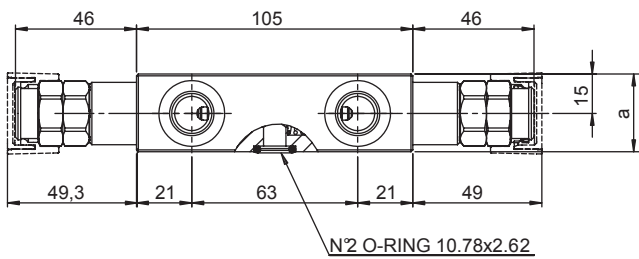
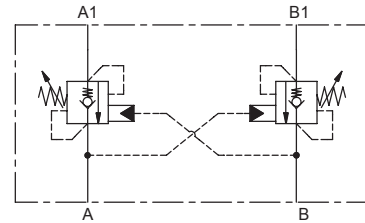
PILOT RATIO		
40	4:1	
42	4:1	ADJUSTABLE DUMP SCREW
80	8:1	
82	8:1	ADJUSTABLE DUMP SCREW

SPRINGS	rp 4:1		rp 8:1
	2	4	4
Setting range min.-max. [bar]	80 - 210	80 - 410	140 - 410
Pressure Increase [bar/turn]	40	72	72
Standard setting 4 l/min [bar]	200	350	350

PORTS	05
A,A1,B,B1	G 3/4"

DOUBLE ACTING COUNTERBALANCE VALVE FLANGED 20x55

- Flow..... **70 l/min**
- Max working pressure..... **350 bar**
- Compensation..... **Not Compensated**
- Weight G 3/8"..... **1,9 Kg**
- Weight G 1/2"..... **2,2 Kg**
- Tamper proof cap..... **cod. 9021030190**



Note:
 - Pressure setting must be 30% higher than pressure induced by the load.
 - Back pressure can influence the opening pressure (LHD05X-C is recommended for circuits with high back pressure)

	a
03	29.5
04	34.5

Ordering code

H 5 0 3 2 N **S** **0 0**

PILOT RATIO		
40 4:1		
SPRINGS	2 3	
Setting range min.-max. [bar]	60 - 210 120 - 350	
Pressure Increase [bar/turn]	62 114	
Standard setting 4 l/min [bar]	200 350	
PORTS	03 04	
A,B	G 3/8" G 1/2"	
A1,B1	Ø 8.5 Ø 8.5	

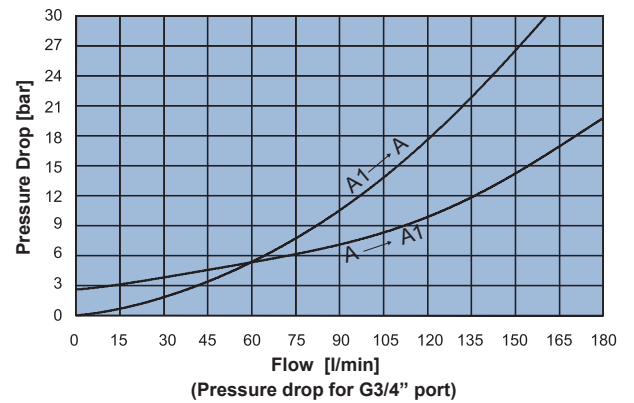
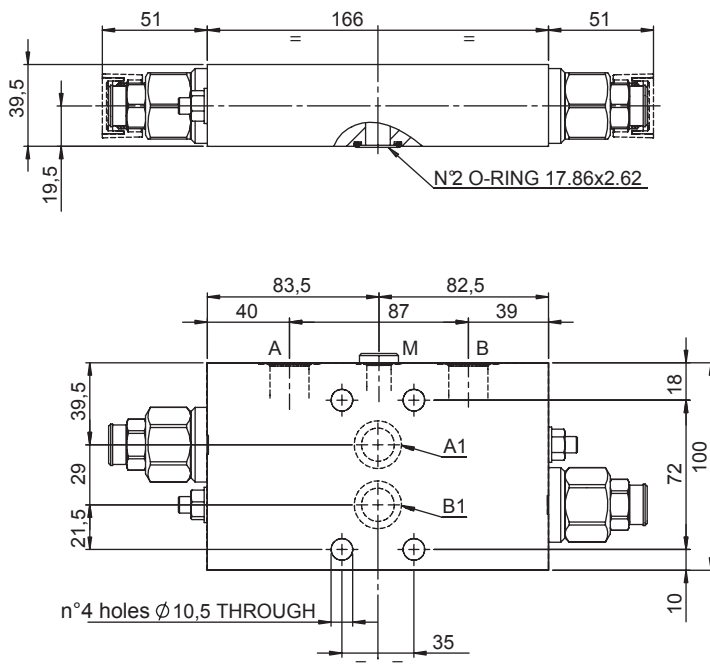
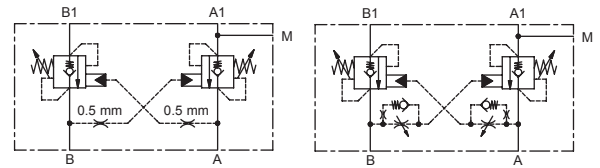


DOUBLE ACTING COUNTERBALANCE VALVE FLANGED 35x72

- Flow..... **180 l/min**
- Max working pressure..... **410 bar**
- Compensation..... **Not Compensated**
- Weight G 1/2"..... **5 Kg**
- Weight G 3/4"..... **5,1 Kg**
- Tamper proof cap..... **cod. 9021030190**

SCHEME 40 - 80

SCHEME 42 - 82



Note:
 - Pressure setting must be 30% higher than pressure induced by the load.
 - Back pressure can influence the opening pressure (LHD15X-C is recommended for circuits with high back pressure)

Ordering code

H 1 5 3 2 N **S** **0 0**

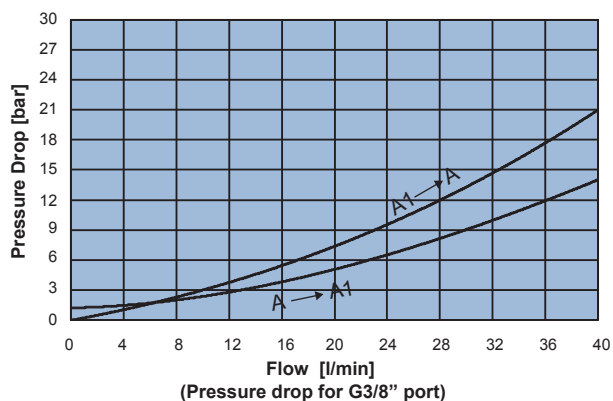
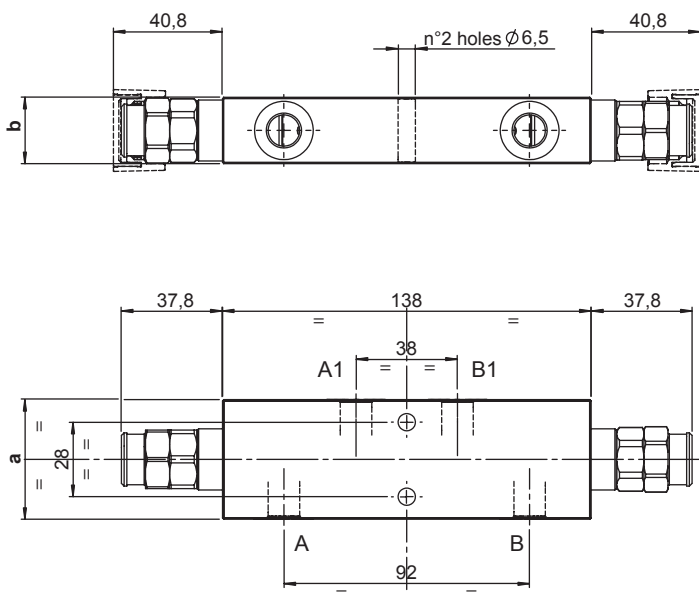
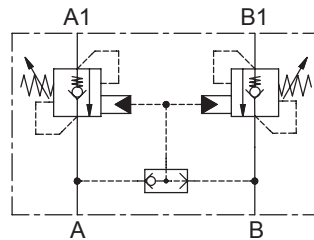
PILOT RATIO	
40	4:1
42	4:1 ADJUSTABLE DUMP SCREW
80	8:1
82	8:1 ADJUSTABLE DUMP SCREW

SPRINGS	rp 4:1		rp 8:1
	2	4	4
Setting range min.-max. [bar]	80 - 210	80 - 410	140 - 410
Pressure Increase [bar/turn]	40	72	72
Standard setting 4 l/min [bar]	200	350	350

PORTS	04	05
	A,B	G 1/2"
M	G 1/4"	G 1/4"
A1,B1	Ø 12	Ø 12

DOUBLE ACTING COUNTERBALANCE VALVE WITH COAXIAL CAVITY

- Flow..... **40 l/min**
- Max working pressure..... **350 bar**
- Compensation..... **Not Compensated**
- Weight G 1/4"..... **1,3 Kg**
- Weight G 3/8"..... **1,6 Kg**
- Tamper proof cap..... **cod. 9021030190**



Note:
 - Pressure setting must be 30% higher than pressure induced by the load.
 - Back pressure can influence the opening pressure (LHD03X-C is recommended for circuits with high back pressure)

	a	b
02	45	25
03	50	30

Ordering code

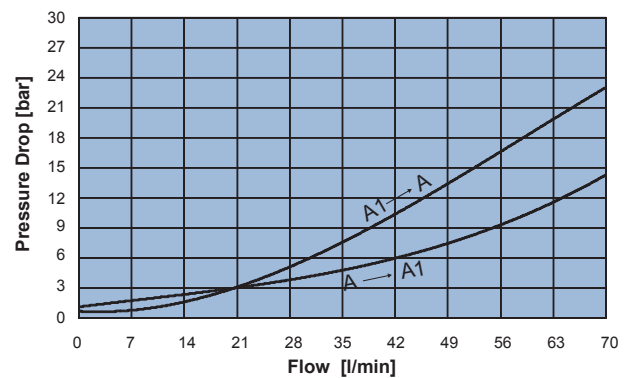
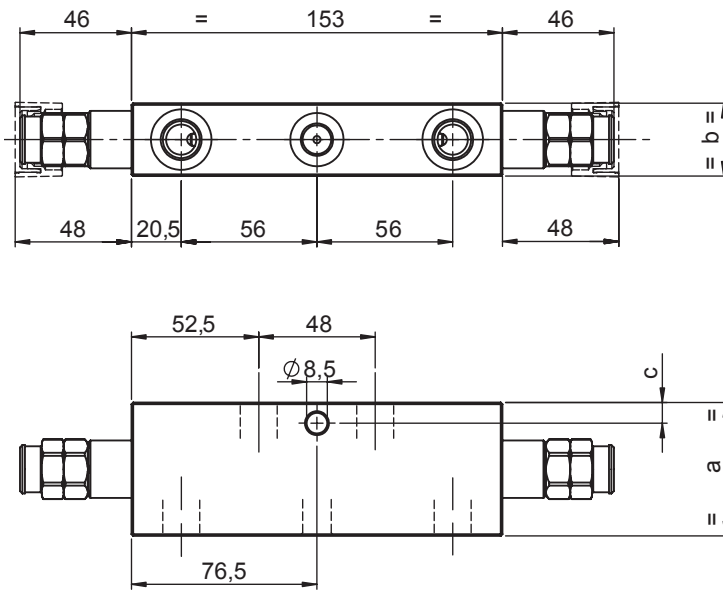
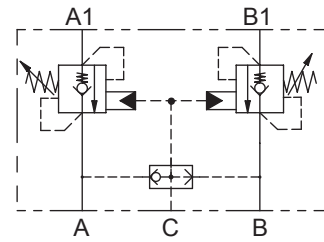
H 3 0 6 0 N **S** **0 0**

PILOT RATIO		PORTS		
40 4:1	SPRINGS	2	3	02 03
	Setting range min.-max. [bar]	80 - 210	150 - 350	A,B,A1,B1 G 1/4" G 3/8"
	Pressure Increase [bar/turn]	41	100	
	Standard setting 4 l/min [bar]	200	350	



DOUBLE ACTING COUNTERBALANCE VALVE FOR HYDRAULIC MOTORS

- Flow..... **70 l/min**
- Max working pressure..... **350 bar**
- Compensation..... **Not Compensated**
- Weight G 3/8"..... **2 Kg**
- Weight G 1/2"..... **2,65 Kg**
- Tamper proof cap..... **cod.9021030190**



Note:
 - Antishock valve pos.2 max flow 3 l/min
 - Pressure setting must be 30% higher than pressure induced by the load.
 - Back pressure can influence the opening pressure (LHD05X-C is recommended for circuits with high back pressure)

	a	b	c
03	55	30	8,5
04	65	35	11

Ordering code

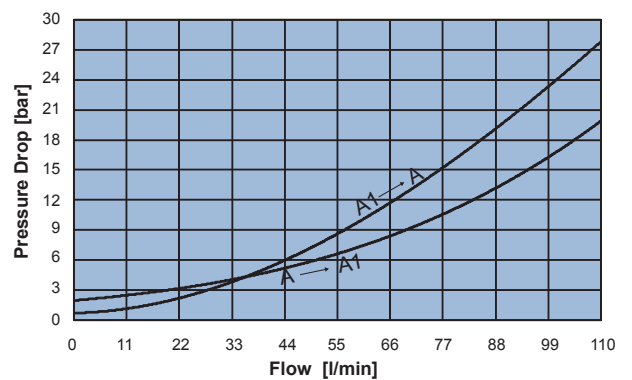
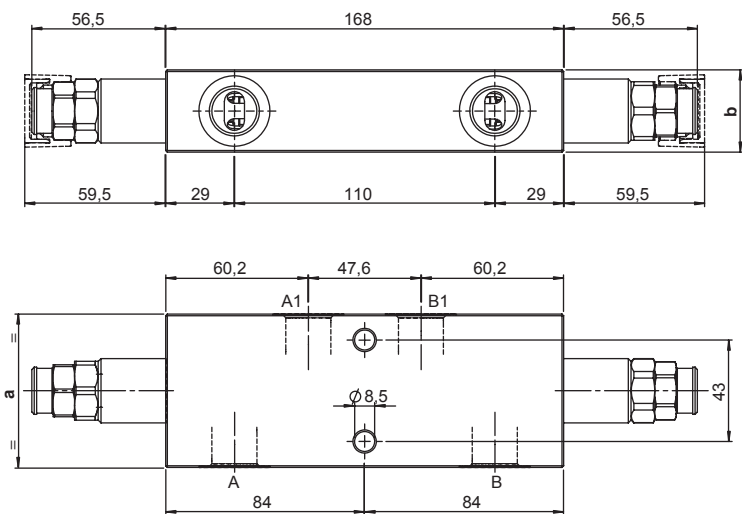
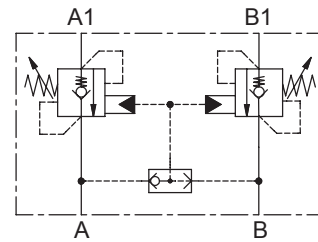
H 5 0 6 0 N **S** **0 0**

PILOT RATIO		SPRINGS		PORTS	
95	9:1	rp 9:1	2	03	04
		Setting range min.-max. [bar]	80 - 250	A,B,A1,B1	G 3/8" G 1/2"
		Pressure Increase [bar/turn]	50		
		Standard setting 4 l/min [bar]	250		



DOUBLE ACTING COUNTERBALANCE VALVE WITH COAXIAL CAVITY

- Flow..... **110 l/min**
- Max working pressure..... **410 bar**
- Compensation..... **Not Compensated**
- Weight G 1/2"..... **3 Kg**
- Weight G 3/4"..... **3,55 Kg**
- Tamper proof cap..... **cod. 9021030190**



Note:
 - Pressure setting must be 30% higher than pressure induced by the load.
 - Back pressure can influence the opening pressure (LHD10X-C is recommended for circuits with high back pressure)

	a	b
04	65	35
05	70	40

Ordering code

H 1 0 6 0 N **S** **0 0**

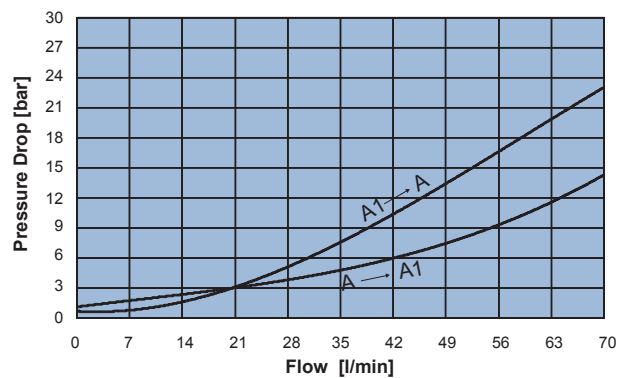
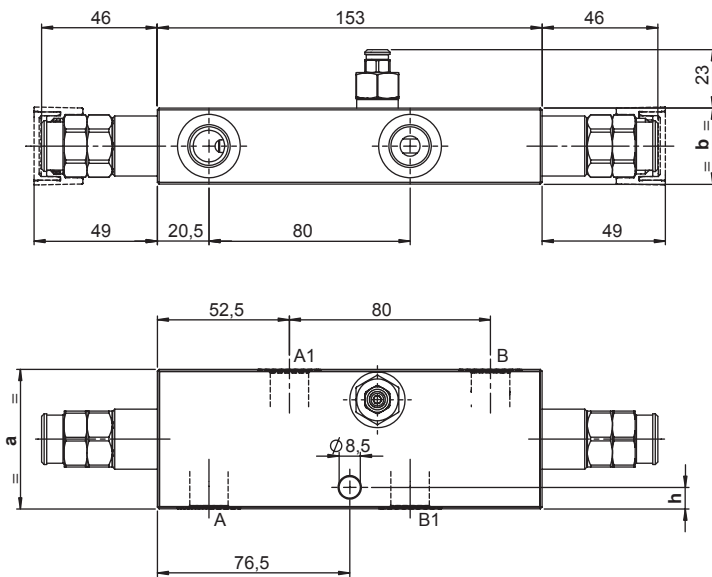
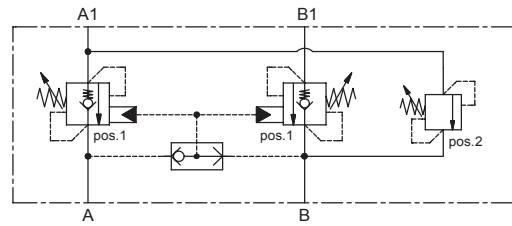
PILOT RATIO	
40	4:1
90	9:1

SPRINGS	rp 4:1		rp 9:1
	2	4	4
Setting range min.-max. [bar]	60 - 210	120 - 410	150 - 410
Pressure Increase [bar/turn]	52	85	100
Standard setting 4 l/min [bar]	200	350	350

PORTS	04	05
A,A1,B,B1	G 1/2"	G 3/4"

DOUBLE ACTING COUNTERBALANCE VALVE WITH COAXIAL CAVITY

- Flow **70 l/min**
- Max working pressure **350 bar**
- Compensation **Not Compensated**
- Weight G 3/8" **2 Kg**
- Weight G 1/2" **2,3 Kg**
- Tamper proof cap. **cod. 9021030190**



Note:
 - Antishock valve pos.2 max flow 3 l/min
 - Pressure setting must be 30% higher than pressure induced by the load.
 - Back pressure can influence the opening pressure (LHD05X-C is recommended for circuits with high back pressure)

	a	b	c	h
03	55	30	38	8,5
04	65	35	43	11

Ordering code

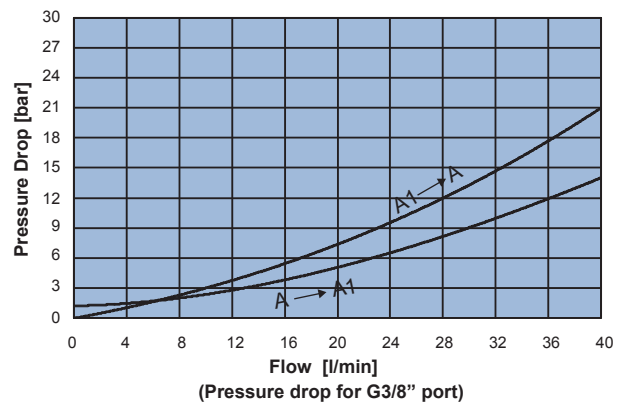
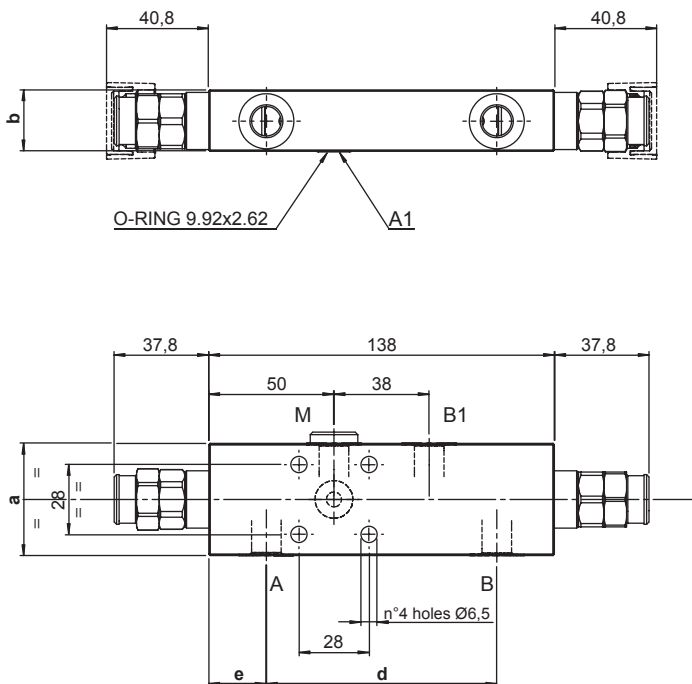
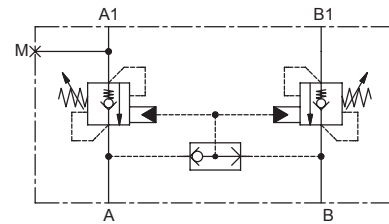
H 5 0 6 0 N **S** **0 0**

PILOT RATIO		SPRINGS		PORTS	
47	4:1+ relief A1-B	3		03	04
		pos.1	pos.2	A,B,A1,B1	G 3/8" G 1/2"
		Setting range min.-max. [bar]	120 - 350 250 - 400		
		Pressure Increase [bar/turn]	114 250		
		Standard setting 4 l/min [bar]	350 bar or 4 l/min 300 bar or 20 cc/min		



DOUBLE ACTING COUNTERBALANCE VALVE WITH COAXIAL CAVITY - A1 FLANGED 28x28

- Flow..... **40 l/min**
- Max working pressure..... **350 bar**
- Compensation..... **Not Compensated**
- Weight G 1/4"..... **1,25 Kg**
- Weight G 3/8"..... **1,6 Kg**
- Tamper proof cap..... **cod. 9021030190**



Note:
 - Pressure setting must be 30% higher than pressure induced by the load.
 - Back pressure can influence the opening pressure (LHD03X-C is recommended for circuits with high back pressure)

	a	b	c	d	e
02	45	24,5	12,5	92	23
03	50	29,5	15	96	21

Ordering code

H 3 0 6 1 N **S** **0 0**

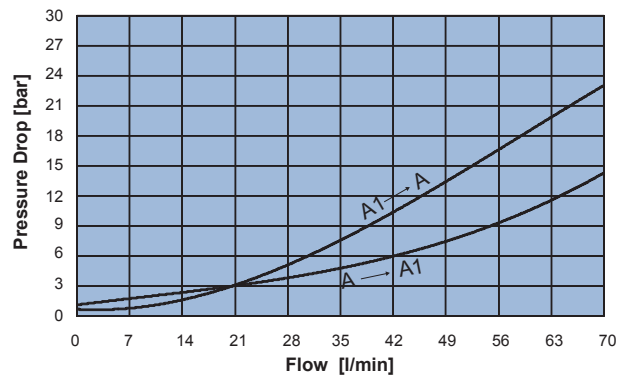
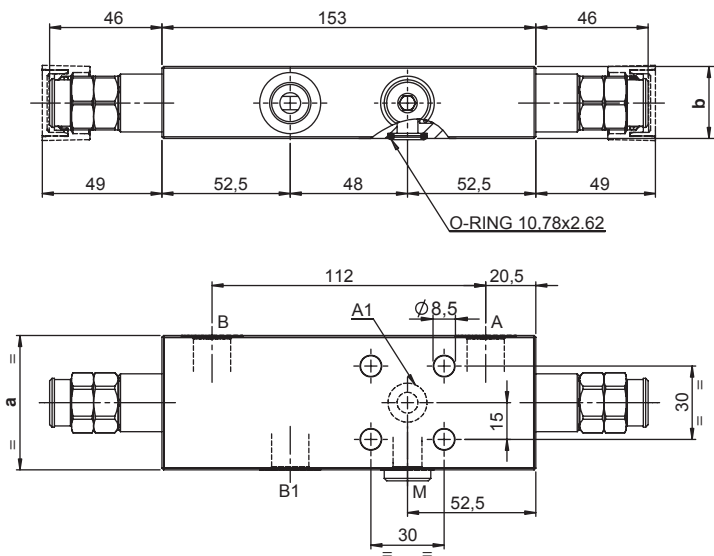
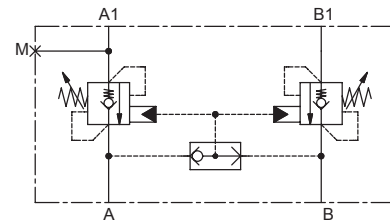
PILOT RATIO	
40	4:1

SPRINGS	2	3
Setting range min.-max. [bar]	80 - 210	150 - 350
Pressure Increase [bar/turn]	41	100
Standard setting 4 l/min [bar]	200	350

PORTS	02	03
A,B,B1	G 1/4"	G 3/8"
A1	Ø 6	Ø 6
M	G 1/4"	G 1/4"

DOUBLE ACTING COUNTERBALANCE VALVE WITH COAXIAL CAVITY - A1 FLANGED 30x30

- Flow **.70 l/min**
- Max working pressure **350 bar**
- Compensation **Not Compensated**
- Weight G 3/8" **1,9 Kg**
- Weight G 1/2" **2,6 Kg**
- Tamper proof cap **cod. 9021030190**



Note:
 - Pressure setting must be 30% higher than pressure induced by the load.
 - Back pressure can influence the opening pressure (LHD05X-C is recommended for circuits with high back pressure)

	a	b
03	55	29,5
04	65	34,5

Ordering code

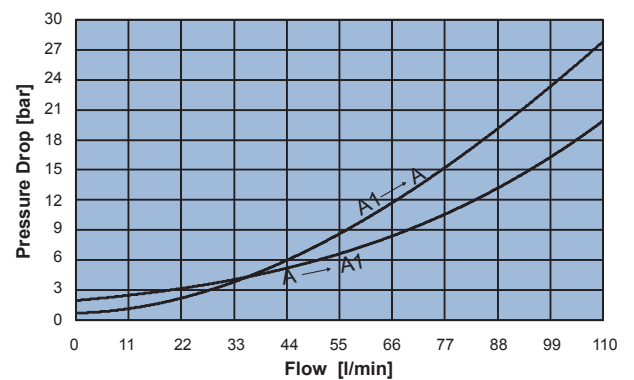
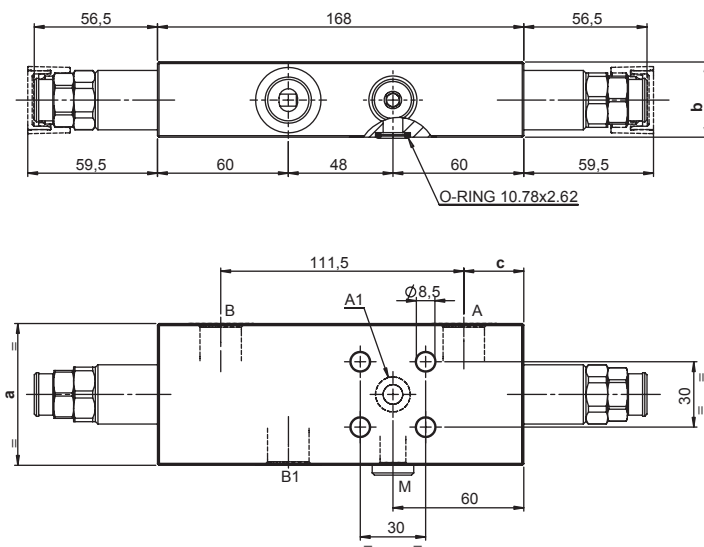
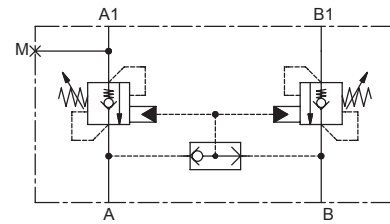
H 5 0 6 1 N **S** **0 0**

PILOT RATIO		SPRINGS		PORTS	
40	4:1	2	3	03	04
		Setting range min.-max. [bar]	60 - 210 120 - 350	A,B,B1	G 3/8" G 1/2"
		Pressure Increase [bar/turn]	62 114	A1	Ø 9 Ø 9
		Standard setting 4 l/min [bar]	200 350	M	G 1/4" G 1/4"



DOUBLE ACTING COUNTERBALANCE VALVE WITH COAXIAL CAVITY - A1 FLANGED 30x30

- Flow..... **110 l/min**
- Max working pressure..... **410 bar**
- Compensation..... **Not Compensated**
- Weight G 1/2"..... **3 Kg**
- Weight G 3/4"..... **3,3Kg**
- Tamper proof cap..... **cod. 9021030190**



Note:
 - Pressure setting must be 30% higher than pressure induced by the load.
 - Back pressure can influence the opening pressure (LHD10X-C is recommended for circuits with high back pressure)

	a	b	c
04	65	34,5	27,5
05	70	39,5	24

Ordering code

H 1 0 6 1 N **S** **0 0**

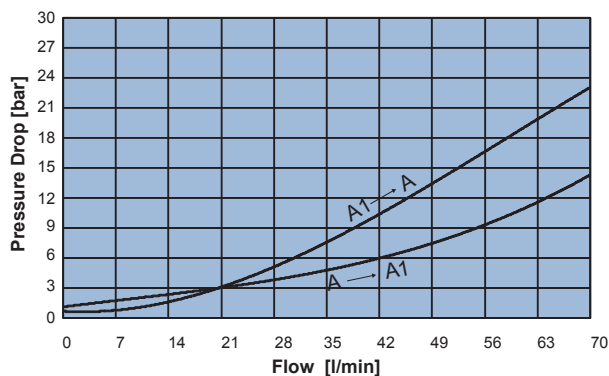
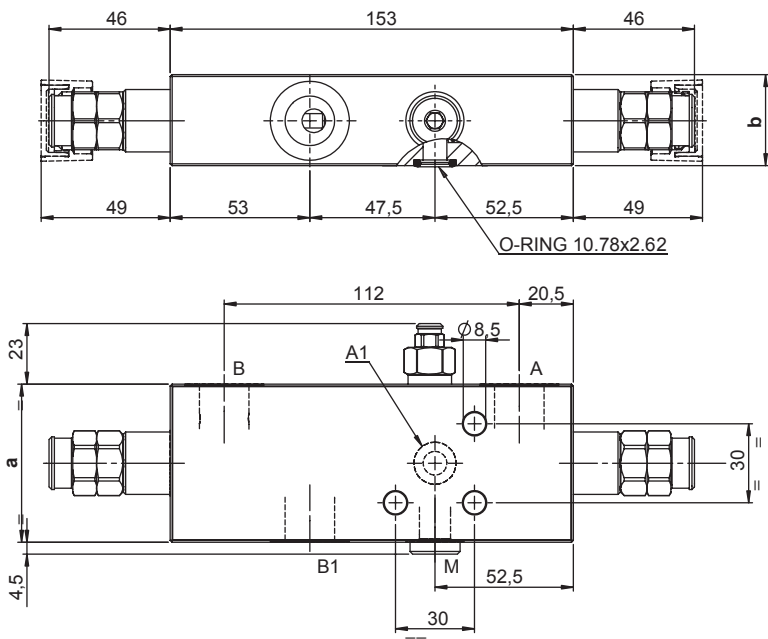
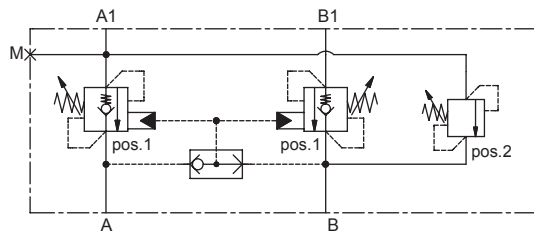
PILOT RATIO	
40	4:1
90	9:1

SPRINGS	rp 4:1		rp 9:1
	2	4	4
Setting range min.-max. [bar]	60 - 210	120 - 410	150 - 410
Pressure Increase [bar/turn]	52	85	100
Standard setting 4 l/min [bar]	200	350	350

PORTS	04	05
A,B,B1	G 1/2"	G 3/4"
A1	Ø 9	Ø 9
M	G 1/4"	G 1/4"

DOUBLE ACTING COUNTERBALANCE VALVE WITH COAXIAL CAVITY - A1 FLANGED 30x30

- Flow..... **70 l/min**
- Max working pressure..... **350 bar**
- Compensation..... **Not Compensated**
- Weight G 3/8"..... **1,9 Kg**
- Weight G 1/2"..... **2,65 Kg**
- Tamper proof cap..... **cod. 9021030190**



Note:
 - Antishock valve pos.2 max flow 3 l/min
 - Pressure setting must be 30% higher than pressure induced by the load.
 - Back pressure can influence the opening pressure (LHD05X-C is recommended for circuits with high back pressure)

	a	b
03	55	29,5
04	65	34,5

Ordering code

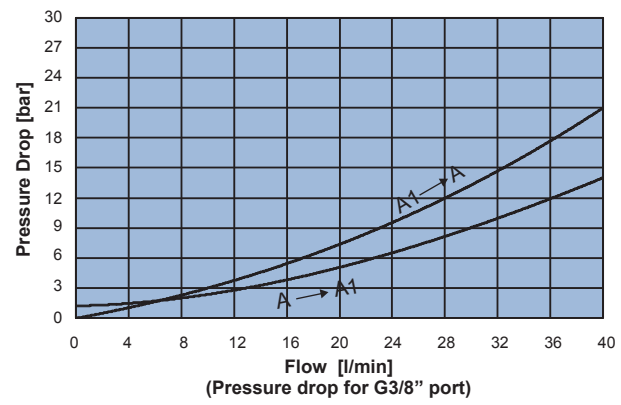
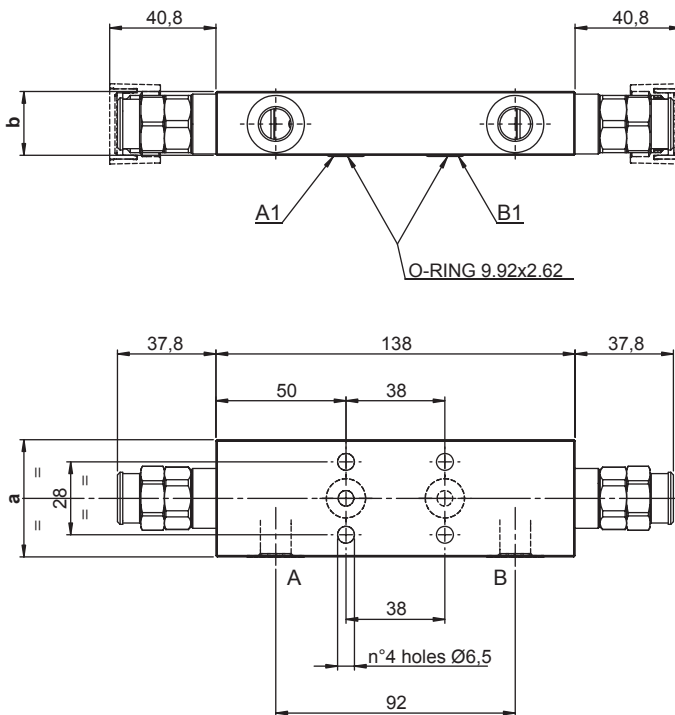
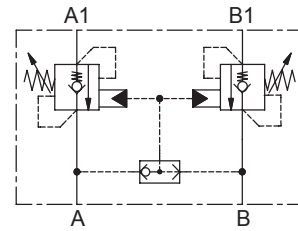
H 5 0 6 1 N **S** **0 0**

PILOT RATIO		SPRINGS		PORTS	
47	4:1+ relief A1-B	3		03	04
		pos.1	pos.2	A,B,B1	G 3/8" G 1/2"
		Setting range min.-max. [bar]	120 - 350 250 - 400	A1	Ø 9 Ø 9
		Pressure Increase [bar/turn]	114 250	M	G 1/4" G 1/4"
		Standard setting [bar]	350 @ 4 l/min 300 @ 20 cc/min		



DOUBLE ACTING COUNTERBALANCE VALVE WITH COAXIAL CAVITY - A1/B1 FLANGED 28x38

- Flow **40 l/min**
- Max working pressure **350 bar**
- Compensation **Not Compensated**
- Weight G 1/4" **1,3 Kg**
- Weight G 3/8" **1,6 Kg**
- Tamper proof cap **cod. 9021030190**



Note:
 - Pressure setting must be 30% higher than pressure induced by the load.
 - Back pressure can influence the opening pressure (LHD03X-C is recommended for circuits with high back pressure)

	a	b
02	45	24,5
03	50	29,5

Ordering code

H 3 0 6 2 N **S** **0 0**

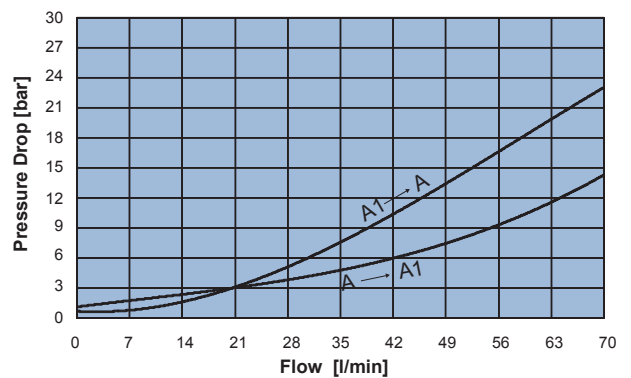
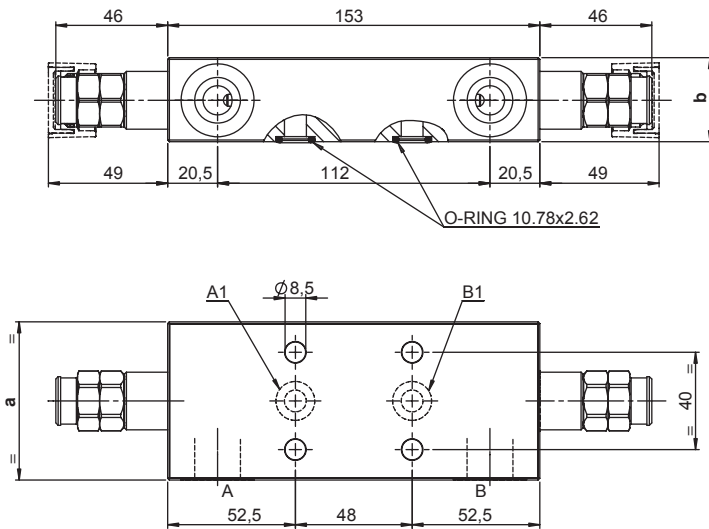
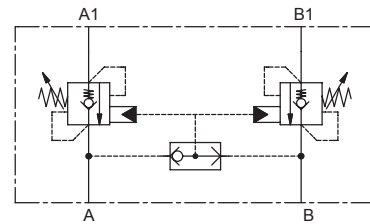
PILOT RATIO	
40	4:1

SPRINGS	2	3
Setting range min.-max. [bar]	80 - 210	150 - 350
Pressure Increase [bar/turn]	41	100
Standard setting 4 l/min [bar]	200	350

PORTS	02	03
A,B	G 1/4"	G 3/8"
A1,B1	Ø 6	Ø 6

DOUBLE ACTING COUNTERBALANCE VALVE WITH COAXIAL CAVITY - A1/B1 FLANGED 40x48

- Flow. **70 l/min**
- Max working pressure. **350 bar**
- Compensation. **Not Compensated**
- Weight G 3/8". **2 Kg**
- Weight G 1/2". **2,65 Kg**
- Tamper proof cap. **cod. 9021030190**



Note:
 - Pressure setting must be 30% higher than pressure induced by the load.
 - Back pressure can influence the opening pressure (LHD05X-C is recommended for circuits with high back pressure)

	a	b
03	55	29,5
04	65	34,5

Ordering code

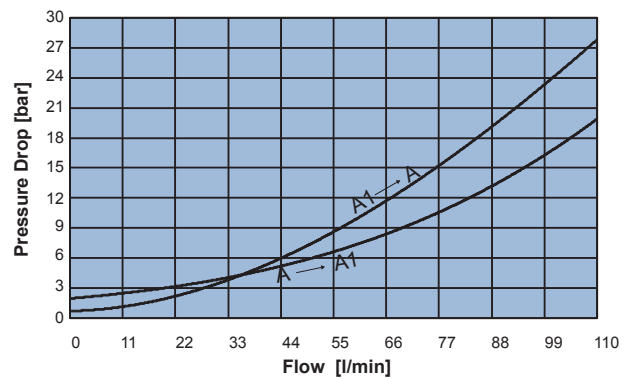
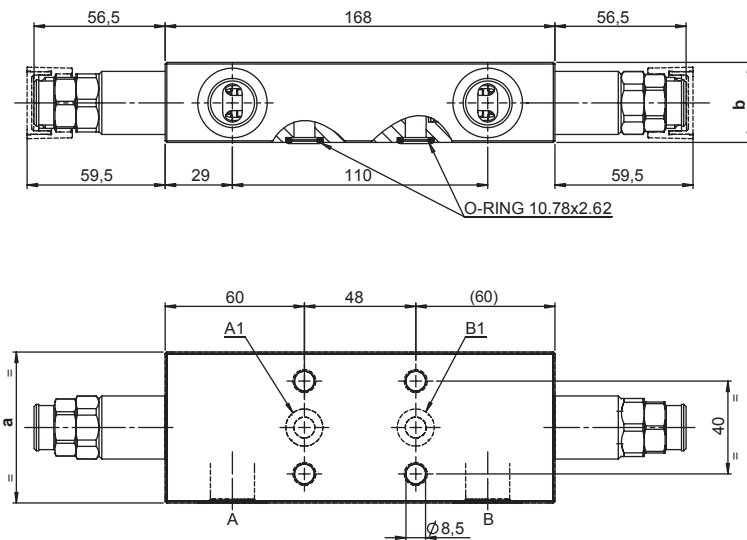
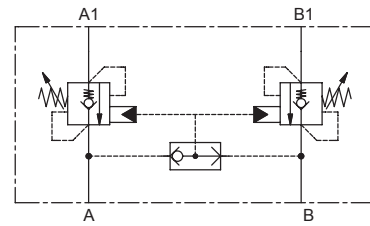
H 5 0 6 2 N **S** **0 0**

PILOT RATIO		SPRINGS				PORTS		
		rp 4:1		rp 9:1			03	04
40	4:1	2	3	2	3	A,B	G 3/8"	G 1/2"
90	9:1	Setting range min.-max. [bar]		Setting range min.-max. [bar]		A1,B1	Ø 9	Ø 9
		60 - 210	120 - 350	80 - 250	190 - 350			
		Pressure Increase [bar/turn]	62	114	50			
		Standard setting 4 l/min [bar]	200	350	200			



DOUBLE ACTING COUNTERBALANCE VALVE WITH COAXIAL CAVITY - A1/B1 FLANGED 40x48

- Flow..... **110 l/min**
- Max working pressure..... **410 bar**
- Compensation..... **Not Compensated**
- Weight G 1/2"..... **3 Kg**
- Weight G 3/4"..... **3,6 Kg**
- Tamper proof cap..... **cod. 9021030190**



Note:
 - Pressure setting must be 30% higher than pressure induced by the load.
 - Back pressure can influence the opening pressure (LHD10X-C is recommended for circuits with high back pressure)

	a	b
04	65	34,5
05	70	39,5

Ordering code

H 1 0 6 2 N **S** **0 0**

PILOT RATIO	
40	4:1
90	9:1

SPRINGS	rp 4:1		rp 9:1
	2	4	4
Setting range min.-max. [bar]	60 - 210	120 - 410	150 - 410
Pressure Increase [bar/turn]	52	85	100
Standard setting 4 l/min [bar]	200	350	350

PORTS	04	05
A,B	G 1/2"	G 3/4"
A1,B1	Ø 9	Ø 9