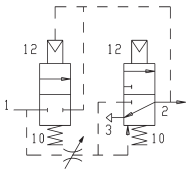
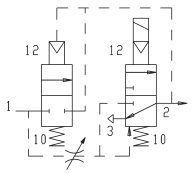
DESCRIPTION

Soft - start valves series “EZAP” are produced with connections G 3/8, G 1/2 and G 1 in the pneumatic and solenoid actuated versions.
The working of the soft-start valves consists in feeding gradually air into the circuit with adjustable flow. When the pressure in the circuit reaches the 50 ÷ 60% of the upstream set pressure, the valve switches to full capacity, supplying the circuit with the maximum flow rate.
They are in compliance with ATEX directive, 2GD category, upon request.







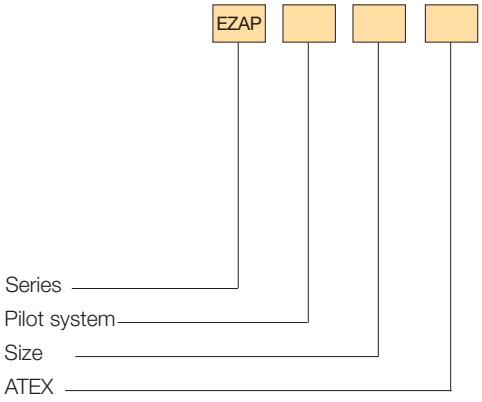
TECHNICAL DATA

Maximum pressure	10 bar
Working temperature	0 ÷ +50 °C (–10 °C with dry air)
Fluid	Filtered, unlubricated or continuous lubricated compressed air
Port size	G 3/8 - G 1/2 - G 1
Flow rate at 6 bar ΔP=1 bar	G 3/8 = 1000 Nl/min G 1/2 = 1650 Nl/min G 1 = 4000 Nl/min
Max. flow rate of the adjusting screw of the filling time	G 3/8 = 400 Nl/min G 1/2 = 500 Nl/min G 1 = 500 Nl/min
Type of mounting	Modular, in-line and wall-mounting
Wall clamping screws	G 3/8: M4x60 G 1/2: M5x70 G 1: M6x90
Piloting solenoid valve	C/USCSVP - see chapter Direct acting solenoid valves on page 2.14
Coils	USB - see chapter Coils on page 2.17 USBG - see chapter Coils on page 2.17 USBG2 - see chapter Coils on page 2.17
Electric connector	USR 102/N9 - see chapter Connectors on page 2.18 ULR1B - see chapter Connectors on page 2.18

MATERIALS

Body	Aluminium alloy
Springs	Stainless steel
Pistons	Aluminium alloy
Seals	NBR rubber

ORDER KEY



PILOT SYSTEM

/R	Pneumatic	/U	Solenoid

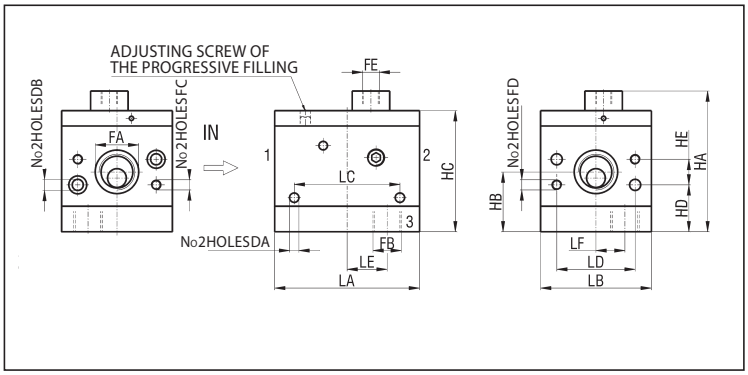
SIZE

3	G 3/8	2	G 1/2
1	G 1		

ATEX

/EX Consistent with the ATEX directive — Ex II 2G Ex h IIC T5 Gb -10°C≤Ta≤50°C
II 2D Ex h IIIC T100 °C Db X

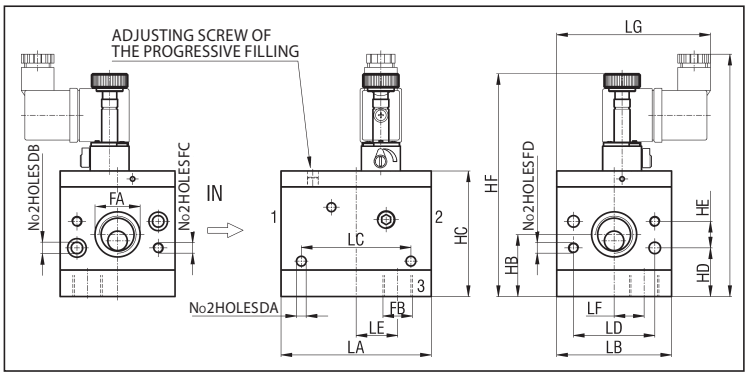
DIMENSIONS AND WEIGHTS - EZAP /R



SIZE	DA	DB	FA	FB	FC	FD	FE	HA	HB	HC
3	4,5	5,1	G 3/8	G 1/8	-	M6	G 1/8	68	28,8	56,5
2	5,5	6,5	G 1/2	G 3/8	M6	M6	G 1/8	82,5	35	71

SIZE	HD	HE	LA	LB	LC	LD	LE	LF	WEIGHT *(g)*
3	28,8	-	70	50	51,5	35	20	12	505
2	27,5	15	85	65	62	46	23,5	17	985

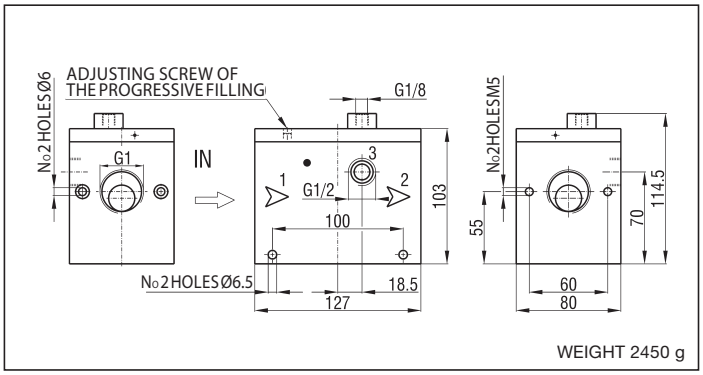
DIMENSIONS AND WEIGHTS - EZAP /U



SIZE	DA	DB	FA	FB	FC	FD	HA	HB	HC	HD
3	4,5	5,1	G 3/8	G 1/8	-	M6	122,5	28,8	56,5	28,8
2	5,5	6,5	G 1/2	G 3/8	M6	M6	137	35	71	27,5

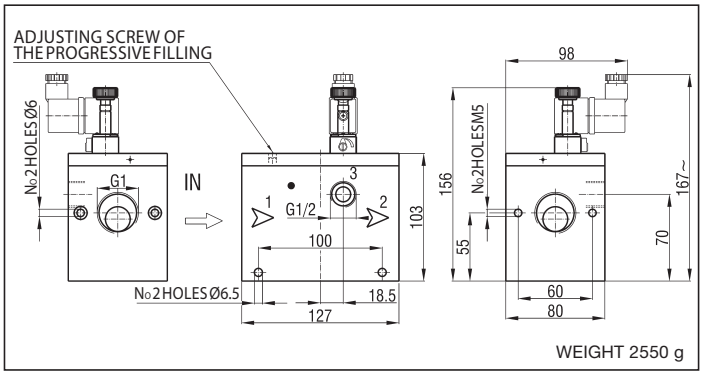
SIZE	HE	HF	LA	LB	LC	LD	LE	LF	LG	WEIGHT *(g)*
3	-	115,5	70	50	51,5	35	20	12	79,5	540
2	15	126	85	65	62	46	23,5	17	87	1020

DIMENSIONS AND WEIGHT - EZAP/R1



WEIGHT 2450 g

DIMENSIONS AND WEIGHT - EZAP/U1



WEIGHT 2550 g