DESCRIPTION

Filters reducers series “EZRR/F”, produced with connections G 3/8, G 1/2 and G 1, combine the characteristics of the filters and of the pressure reducers series “EZ”, thus optimizing the overall dimensions. They are in compliance with ATEX directive, 2GD category, upon request.



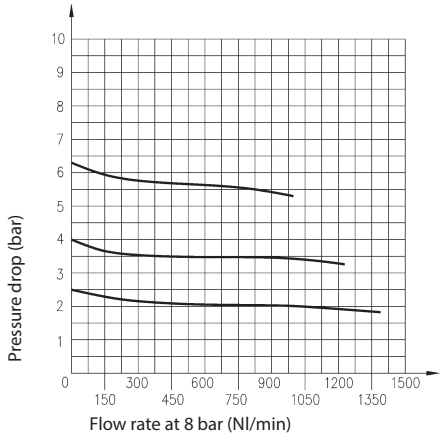
TECHNICAL DATA

Maximum pressure	16 bar
Working temperature	0 ÷ +50 °C (–10 °C with dry air)
Fluid	Compressed air
Port size	G 3/8 - G 1/2 - G 1
Pressure gauge port size	G 1/8
Void fraction	G 3/8 - G 1/2: 20 µm standard, 5 µm and 40 µm on request G 1: 40 µm standard
Condensate drainage system	G 3/8: manual or semi-automatic G 1/2 - G 1: manual, semi-automatic or automatic
Max. condensate capacity	G 3/8 = 23 cm^3 G 1/2 = 58 cm^3 G 1 = 105 cm^3 (do not exceed the level gauge)
Adjusting range (bar)	0,2 ÷ 2 - 0,4 ÷ 4 - 0,8 ÷ 8
Type of mounting	Modular, in-line, wall and panel mounting
Wall clamping screws	G 3/8: M4x60 G 1/2: M5x70 G 1: M6x90

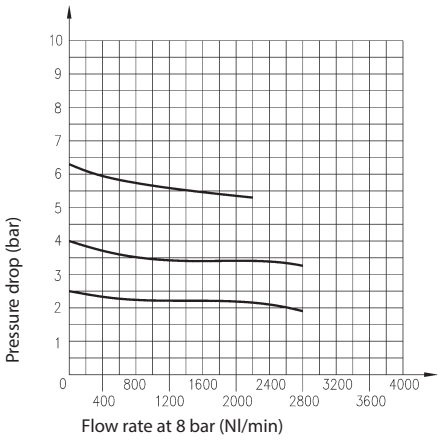
MATERIALS

Body	Aluminium alloy
Bowl	G 3/8: Transparent techno-polymer (protection made of glass stiffened polyamide on request) G 1/2 - G 1: Transparent techno-polymer with metallic protection as standard
Filtering element	sintered polyethylene 5 µm - orange 20 µm - white 40 µm - grey
Seals	NBR rubber
Baffle	Acetal resin
Closing plug	Brass, NBR rubber
Spring	Stainless steel
Knob	Acetal resin
Adjusting screw	Brass
Diaphragm	Brass, friction

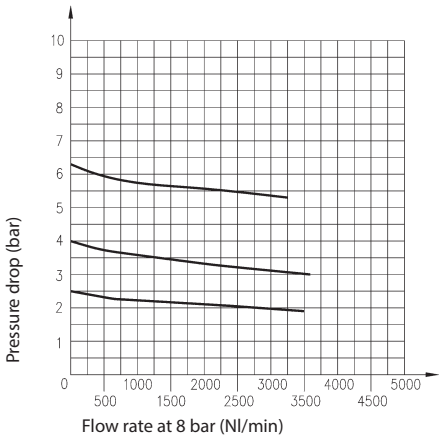
FLOW CHART - EZRR /F G 3/8



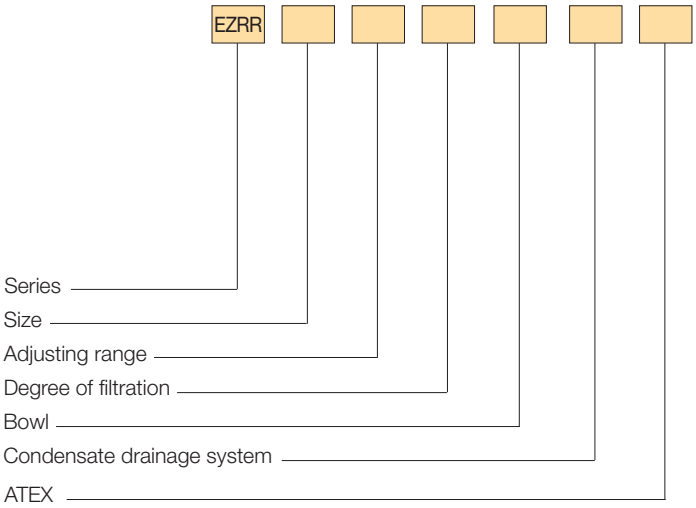
FLOW CHART - EZRR /F G 1/2



FLOW CHART - EZRR /F G 1



ORDER KEY



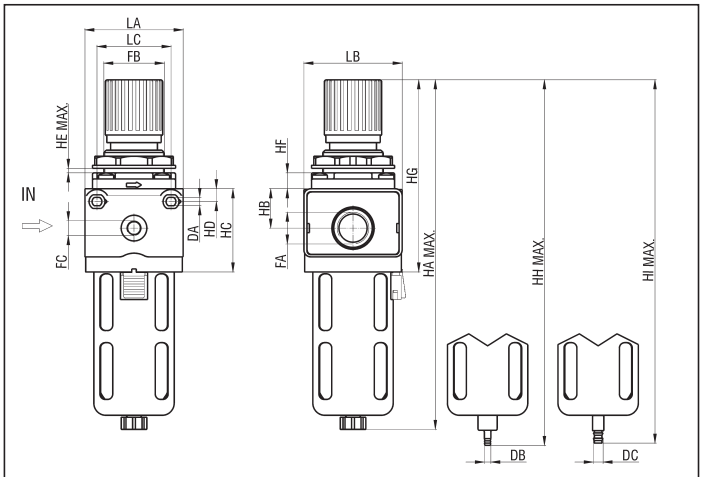
SIZE			
3	G 3/8	2	G 1/2
1	G 1		
ADJUSTING RANGE			
/3	0,2 ÷ 2 bar	/5	0,4 ÷ 4 bar
/7	0,8 ÷ 8 bar		
DEGREE OF FILTRATION			
F5	5 µm*	F20	20 µm
F40	40 µm		
BOWL			
	Trasparent	PM	Protection**
CONDENSATE DRAINAGE SYSTEM			
/SM	Manual	/SS	Semi-automatic
/SA	Automatic***		
ATEX			
/EX	Consistent with the ATEX directive		II 2G Ex h IIC T5 Gb -10°C≤Ta≤50°C II 2D Ex h IIIC T100 °C Db X

* Available only for sizes 3 and 2
** Metallic as standard for sizes 2 and 1, made of glass stiffened polyamide on request for size 3
*** Available only for sizes 2 and 1
P.S.: Filters reducers can be supplied without the relieving seal on request; the series becomes **EZR**...

SPARE PARTS

See series **EZF** (on page 4.13) and **EZRR** (on page 4.15)

DIMENSIONS AND WEIGHTS - EZRR /F



CONDENSATE DRAINAGE SYSTEM: MANUAL - SEMI-AUTOMATIC - AUTOMATIC

SIZE	DA	DB	DC	FA	FB	FC	HA	HB	HC	HD
3	4,5	G 1/8	-	G 3/8	M30x1,5	G 1/8	193	21	52	6
2	5,5	Ø 4,3	Ø 6,5	G 1/2	M40x1,5	G 1/8	231	26	55	8,5
1	6,6	G 1/8	Ø 6,5	G 1	-	G 1/8	337	31	76	9

SIZE	HE	HF	HG	HH	HI	LA	LB	LC	WEIGHT *(g)*
3	4	6	99	197	-	52	50	40	550
2	7	10,5	127	242	240	65	65	49	610
1	-	14	194,5	341	332	85	82	60	2790