



Filter regulators

Size 1

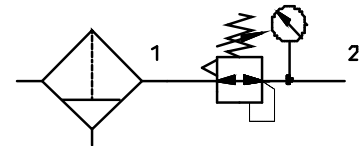
VFR 23

VFR 33

G 1/4

G 3/8

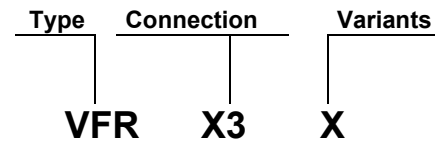
40 µm



Characteristics

Type	VFR 23	VFR 33
Connection	G 1/4	G 3/8
Type of construction	Diaphragm pressure regulator - Independent of inlet pressure - Reversible Centrifugal-principle filter - Sintered filter element (polyethylene)	
Input pressure p_1	max. 16 bar with plastic tank max. 20 bar with metal tank	
Input pressure p_1 with automatic draining	max. 16 bar min. 1.5 bar	
Mounting position	Vertical, drain plug at bottom	
Mounting type	Bracket	
Medium temperature Ambient temperature	max. 50 °C	
Medium temperature (metal) Ambient temperature (metal)	max. 80 °C	
Pore diameter in the filter element	40 µm	
Tank capacity	max. 25 cm ³ condensate	
Condensate draining	Manual, fully automatic	
Weight [g]	390	

Ordering information



Connection	
X = 2	G 1/4
X = 3	G 3/8
Variants	
X = S	Bowl guard
X = M	Metal tank
Order example: VFR 23 M	
Please use the suffix »A« to order automatic draining	
Description	
- Block design - Flow direction indicated by arrows on front plate	

Materials

Part	Material
Head piece (housing)	Z 410
Spring bonnet / handwheel	PA / POM
O-rings	NBR
Diaphragms	NBR / brass
Filter element 40 µm	PE (sintered)
Condensate tank	Polycarbonate
Swirl plate	PA
Disconnecting cap	PA
Front plates	ABS

Accessories

Fixing bracket	630/1-B
Compact conn. set 1/4"	VZ 101
Compact conn. set 3/8"	VZ 102
Plastic tank	VZ 501
Plastic tank with automatic drain valve	VZ 511
Metal tank	VZ 551
Metal tank with automatic drain valve	VZ 561
Automatic drain valve	655.6.900

Dimensions [mm]

A	48
B	203
C	48
ØD	28
E	68
F	24
H	32
I	M 30 x 1.5
J	43
K	14.5
ØL	4.4
M	84
N	40
ØV	G 1/4

VFR 23 VFR 33

Main spare parts

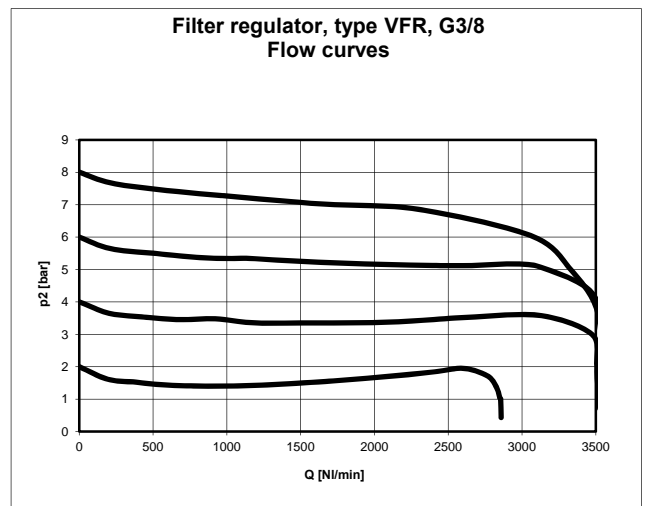
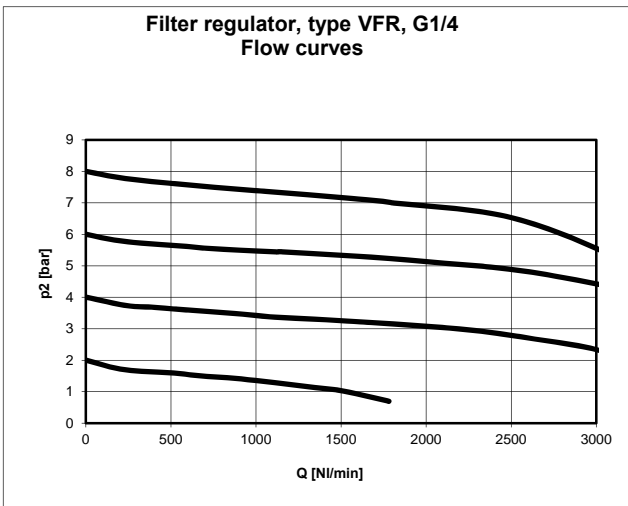
Part	Part No.
Set of wearing parts	VZ 781
Filter element 40 µm	VZ 741

Special units

Part	
Filter element 5 µm	VZ 741/5

Flow rates

		VFR 23	VFR 33
Nominal flow p ₂ 6 bar / Δ 1 bar	QN [l/min]	2000	3000



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Interlocking / mounting

Variobloc

Size 1 G 1/4

Fixing bracket and fixing nut	630/1-B
Fixing bracket and two screws	VZ 718
Compact connecting set	VZ 101
Compact conn. set, incl. tee holder	VZ 201
Comfort connecting set	VZ 401

Size 1 G 3/8

Fixing bracket and fixing nut	630/1-B
Fixing bracket and two screws	VZ 718
Compact connecting set	VZ 102
Compact conn. set, incl. tee holder	VZ 202
Comfort connecting set	VZ 402

Size 2 G 1/2

Fixing bracket and fixing nut	
Fixing bracket and two screws	
Compact connecting set	
Compact conn. set, incl. tee holder	
Comfort connecting set	

Size 2 G 3/4

Fixing bracket and fixing nut	
Fixing bracket and two screws	
Compact connecting set	
Compact conn. set, incl. tee holder	
Comfort connecting set	

