

Yamataha RTZ1 P1: 0.1-0.25Mpa



DESCRIPTION

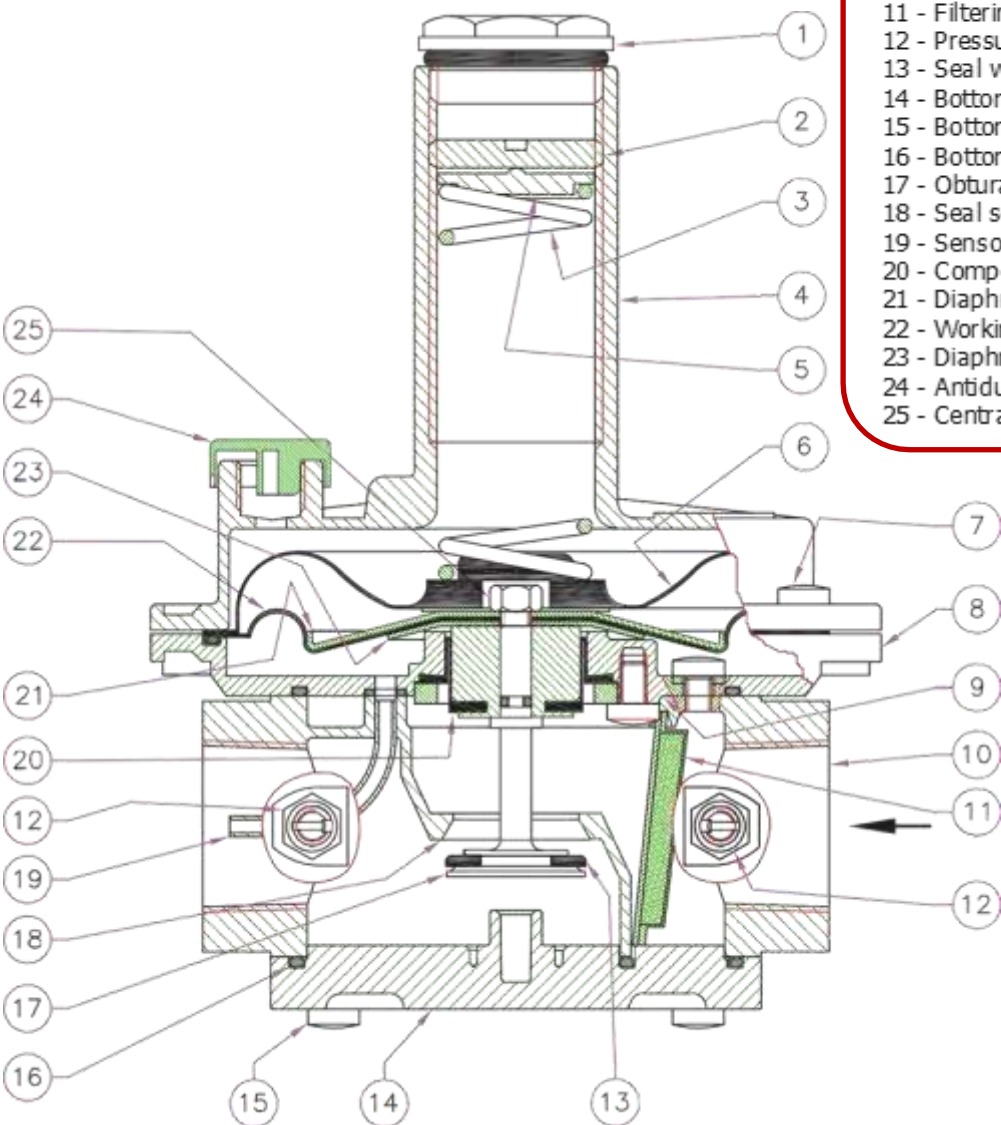
Gas pressure closing regulator RTZ1 or filter regulator RTZ1

TECHNICAL DATA

- Use:
not aggressive gases of the 3 families (dry gases)
- Threaded connections Rp:
(DN 15 ÷ DN 50) according to EN 10226
- Flanged connections PN 16:
(DN 65 ÷ DN 100) according to ISO 7005
- On request ANSI 150 flanged connections
- Max. working pressure:
0,5 ÷ 1 bar
1 ÷ 2.5 bar
(see product label)
- Environment temperature:
-15 ÷ +60 °C
- Max superficial temperature:
60 °C

ISO9001:2015

fig. 1: DN 15
DN 20
DN 25

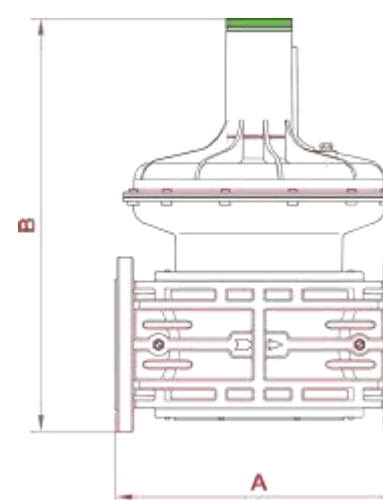
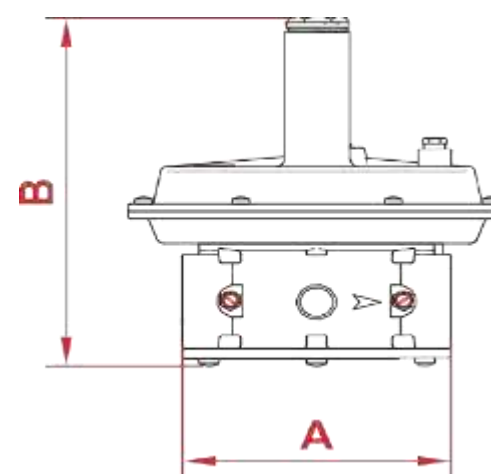


- fig. 1
- 1 - Aluminium cap
 - 2 - Regulation screw
 - 3 - Setting spring
 - 4 - Funnel
 - 5 - Washer for spring
 - 6 - Safety diaphragm
 - 7 - Funnel fixing screws
 - 8 - Flange
 - 9 - Central pin
 - 10 - Body
 - 11 - Filtering organ
 - 12 - Pressure tap
 - 13 - Seal washer
 - 14 - Bottom
 - 15 - Bottom fixing screws
 - 16 - Bottom seal O-Ring
 - 17 - Obturator
 - 18 - Seal seat
 - 19 - Sensor tube
 - 20 - Compensation diaphragm
 - 21 - Diaphragm upper disc
 - 22 - Working diaphragm
 - 23 - Diaphragm lower disc
 - 24 - Antidust cap
 - 25 - Central nut

		P. max 1 ÷ 2.5 bar	
		Filtroregolatore Filter regulator Filtroregulador Filtreregulateur	Regolatore Regulator Regulador Regulateur
Attacco Connections Fixations Conexiones	Taratura (mbar) Setting (mbar) Tarage (mbar) Tarado (mbar)	Codice Code Code Código	Codice Code Code Código
DN 15	9 ÷ 28	-	-
	9 ÷ 22	FC020020 010	RC020020 010
	18 ÷ 40	-	-
	20 ÷ 40	FC020020 020	RC020020 020
	40 ÷ 110	FC020020 030	RC020020 030
	110 ÷ 150	FC020020 040	RC020020 040
	150 ÷ 200	FC020020 050	RC020020 050
DN 20	200 ÷ 600	FC020020 060	RC020020 060
	9 ÷ 28	FC030020 010	RC030020 010
	18 ÷ 40	FC030020 020	RC030020 020
	40 ÷ 110	FC030020 030	RC030020 030
	110 ÷ 150	FC030020 040	RC030020 040
DN 25	150 ÷ 200	FC030020 050	RC030020 050
	200 ÷ 600	FC030020 060	RC030020 060
	9 ÷ 28	FC040020 010	RC040020 010
	18 ÷ 40	FC040020 020	RC040020 020
	40 ÷ 110	FC040020 030	RC040020 030
	110 ÷ 150	FC040020 040	RC040020 040
	150 ÷ 200	FC040020 050	RC040020 050
	200 ÷ 600	FC040020 060	RC040020 060

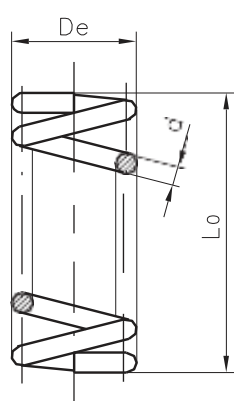
Yamataha RTZ1 P1: 0.1-0.25Mpa

Dimensioni di ingombro in mm Overall dimensions in mm Mesures d'encombrement en mm Dimensiones en mm				
attacchi connections fixations conexiones	A	B	Peso (Kg) Weight (Kg) Poids (Kg) Peso (Kg)	Superficie filtrante (mm ²) Filtering surface (mm ²) Superficie filtrante (mm ²) Superficie filtrante (mm ²)
DN 15	120	194	1,3	2810
DN 20	120	194	1,3	2810
DN 25	120	194	1,3	2810
DN 32	160	245	3,2	16800
DN 40	160	245	3,2	16800
DN 50	160	245	3,2	16800
DN 65	290	465	12,1	39240
DN 80	310	472	12,5	39240
DN 100	350	504	17,7	76250



Regulation springs data - Regulation springs characteristics - Regulation springs characteristics

Molle di taratura / Setting springs			
attacchi connections fixations conexiones	taratura (mbar) setting (mbar) tarage (mbar) tarado (mbar)	codice molla spring code code ressort código muelle	dimensioni in mm dimensions in mm mesures en mm dimensiones en mm (d x De x Lo x it)
DN 15 ÷ DN 25	9 ÷ 28 (P. max 0,5÷1 bar)	MO-0402	1,5x29x85x10
	18 ÷ 40 (P. max 0,5÷1 bar)	MO-0500	1,6x29x115x12
	9 ÷ 22 (P. max 1÷2 bar)	MO-0400	1,5x29x100x12
	20 ÷ 40 (P. max 1÷2 bar)	MO-0500	1,6x29x115x12
	40 ÷ 110	MO-0825	2,2x29x100x12
	110 ÷ 150	MO-0900	2,5x29x140x18,5
	150 ÷ 200	MO-0970	2,5x29x155x16
	200 ÷ 600	MO-1305	3,5x29,8x98x11,5
DN 32 ÷ DN 50	8 ÷ 13 (P. max 0,5÷1 bar)	MO-0500	1,6x29x115x12
	13 ÷ 23 (P. max 0,5÷1 bar)	MO-0800	2x29x140x16
	12 ÷ 35 (P. max 1÷2 bar)	MO-0825	2,2x29x100x12
	20 ÷ 36 (P. max 0,5÷1 bar)	MO-0850	2,2x29x140x18
	30 ÷ 50 (P. max 1÷2 bar)	MO-0900	2,5x29x140x18,5
	33 ÷ 58 (P. max 0,5÷1 bar)	MO-0970	2,5x29x155x16
	40 ÷ 60 (P. max 1÷2 bar)	MO-0970	2,5x29x155x16
	55 ÷ 100 (P. max 0,5÷1 bar)	MO-1000	3x29x140x18
	60 ÷ 95 (P. max 1÷2 bar)	MO-1000	3x29x140x18
	90 ÷ 190	MO-1370	3,5x29x125x14
	190 ÷ 500*	MO-2550	3,5x29,8x98x11,5



Yamataha RTZ1 P1: 0.1-0.25Mpa

Diagramma perdite di carico REGOLATORE - REGULATOR pressure drops diagram
Diagramme pertes de charge REGULATEUR - Diagrama de caudales REGULADOR

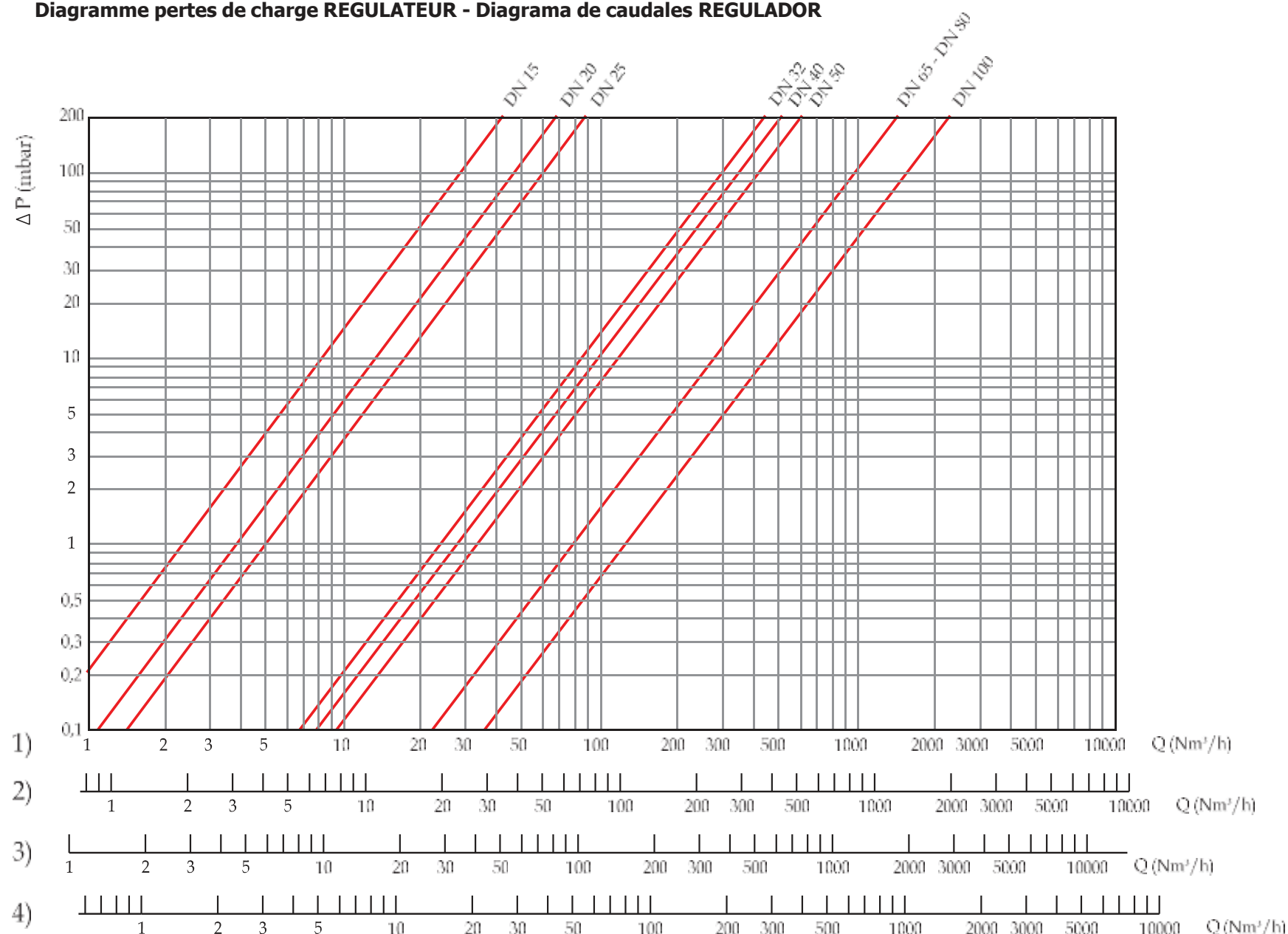


Diagramma perdite di carico FILTROREGOLATORE - FILTER-REGULATOR pressure drops diagram
Diagramme pertes de charge FILTREREGULATEUR - Diagrama de caudales FILTROREGULADOR

