

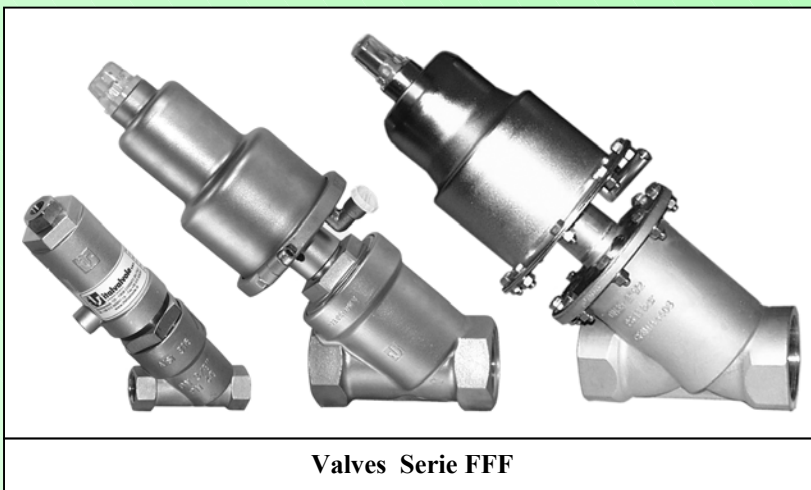
FFF VALVES FAMILY 01 – GROUP 66

Our company policy, aiming at the continuous research of a higher and higher quality and at the study of new products, brought us to the construction of FFF series valves. We have tried to combine in this product high quality and cost cutting.

FFF gate valves, offered in a wide range of models with threaded fittings or to be socket welded, are able to provide the best solution to on-off problems of fluids, liquids, gases and vapours.

Since they are manufactured with limited overall dimensions, they make assembly operations and the requested maintenance easier.

The particular ease of maintenance, the teflon seal on the stem, the use of pressed and microfused components make these valves be one of the most industrialised products of the sector.



Valves Serie FFF

Technical data

General notice: all the pressure values indicated hereinafter are gauge pressure values.

Valves destined to fluids of group 2 (directive 97/23/EC). For use with fluids of group 1 (directive 97/23/EC) contact our technical department

ND: 15 ÷ 65

Connections: Female GAS threaded.
Socket welding.

Pmax allowable (PS): 16 bar .

Pmin allowable: 0 bar

Seal: PTFE, EPDM, EPDM lined with PTFE.

Tmax allowable: 170 °C with PTFE seal; 130 °C with EPDM seal; 150° EPDM lined with PTFE seal.

Tmin allowable 0 °C (liquid phase).

Flow direction: 2-way globe valve, with unidirectional angle body.

Air connection: 1/8" GAS.

Supply fluid: instrument air.

Supply pipes: Pipe inner diameter = 4 mm, min. outer diameter = 6 mm, able to bear the supply Pmax under the environment conditions.

P min. (supply): 6 bar..

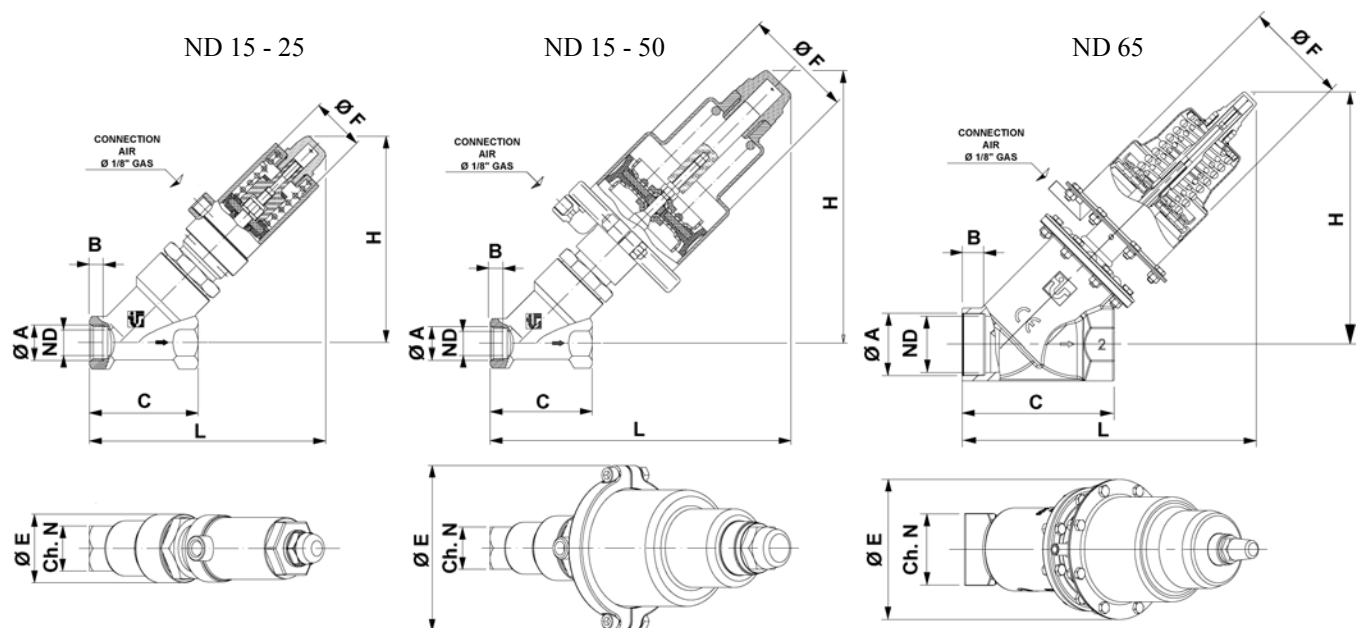
Versions: with visual indicator; with inductive sensors; with magnetic sensors; with pneumatic switches, electromechanic limit switches, with solenoid valve and with stroke limiting device.

Table air consumption

DRIVE PRESSURE	FFF VALVE AIR CONSUMPTION [NI / cycle]			
	Servocontrol Ø 32	Servocontrol Ø 70	Servocontrol Ø 80	Servocontrol Ø 125
6 bar	0,085	0,824	1,182	4,982

Table seal Δp (bar)

Ø Servocontrol	ND 15	ND 20	ND 25	ND 32	ND 40	ND 50	ND 65
32	7	4	2,5				
70	16	14	9,5	6,5	4	2,5	
80			16	16	11	7	
125							12

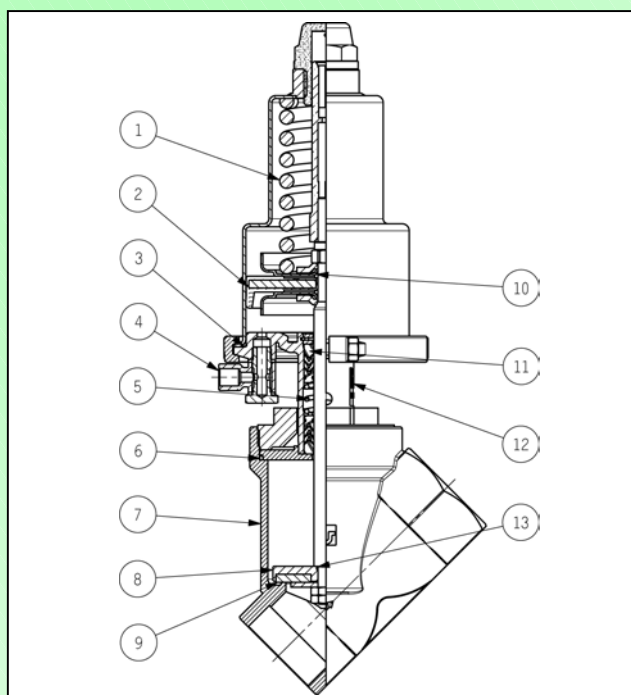


Dimension table for FFF valves ND 15 ÷ 65 standard (Measures are expressed in millimetres)

ND	A		B		C	E	F	H	L	N	Approximate Weight (Kg)	Kv
	Threaded	Socket welding	Threaded	Socket welding								
15	1/2"	22	8	11	65	41	32	122,5	140,5	27	0,84	4
						105	70	172,5	190,5		1,65	
20	3/4"	27,5	9	12	75	48	32	126,5	146,5	32	0,96	7,5
						105	70	176,5	196,5		1,85	
25	1"	34	12	15	90	52	32	131	157,5	39	1,14	12
						105	70	181	207,5		2,05	
						115	80	198	224,5		2,80	
32	1 1/4"	43	14	17	110	105	70	193	228	49	2,70	19
						115	80	210	245		3,30	
40	1 1/2"	49	14	17	120	105	70	198,5	232,5	55	3,10	30
						115	80	215,5	249,5		3,85	
50	2"	61	16	19	150	105	70	209,5	247,5	68	3,95	45
						115	80	226,5	264,5		4,85	
65	2 1/2"	26	26	26	185	171	125	307,5	358,5	88	10,7	79

Details table

D.N°	DESCRIPTION	MATERIAL
1	Servocontrol spring	STEEL FOR SPRING
2	TDUOP gasket	NBR/ACC.
3	O-Ring gasket	GACO
4	Air connections	BRASS
5	Packing gland spring	AISI 316
6	Body gasket	PTFE
7	Body valves	CF8M / 1.4408
8	Plug holder	S31600 / 1.4401
9	Cap	PTFE
		EPDM lined with PTFE
		EPDM
10	O-Ring gasket	GACO
11	Packing gland	PTFE-GRAFITE
12	Intermediate body	CF8-S31600 / 1.4308-1.4401
13	O-Ring gasket	FPM



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