



VALFONTA

valve design and manufacturing

PNEUMATIC CONTROL VALVES
SELF ACTING PRESSURE REDUCING VALVES
SELF ACTING EXCESS PRESSURE VALVES
EDUCTORS/ EJECTORS



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CERTIFICADORA ADECUADA POR ENAC 16

VALFONTA manufactures and designs valves for over 40 years. This experience guarantees the quality of our products and allows us to offer optimal solutions for all type of fluids (steam, liquid and gas).

Continuous development enables us to offer comprehensive standard and special production according to customer demands.

Located in Barcelona, our close network of partners and suppliers allow us to execute orders with the most effective and efficient lead time.

PNEUMATIC CONTROL VALVES



C1 MODEL: Valve features

DN15 to DN100

PN25 Nodular Iron GJS-400-18-LT (0.7043)

PN25 Bronze RG-10 (EN-1982 CuSn10-CC480K)

PN40 Carbon steel GP240GHN (1.0619)

PN40 Stainless steel CF8M (1.4408)

Plug types equal percentage, linear or ON/OFF

Top guided standard construction

Connection Flanged according EN or ANSI 150/300

On request: Threaded BSP or NPT, BW, SW,...

Shut off capabilities: Class VI (PTFE+GR seat)

Double V-Rings packing as standard

Full port as standard. Reduced port on request

Low noise and anticavitation cage available

NAMUR IEC 534.6 clamp as standard



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SELF ACTING PRESSURE REDUCING VALVES

SUMMARY		PRV20	PRV30	PRV44	PRV45	VD	M1	M2
Nominal size	DN	8 - 20	15 - 25	15 - 25	15 - 25	15 - 150	15 - 150	15 - 100
Nominal Pressure	barg	40	16	16	16	25 - 40	25 - 40	25 - 40
Permissible temperature	°C	80	80	210	180	80	220-250	180
USES	Steam	-	-	••	•	-	••	•
	Water and other liquids	••	••	•	•	••	•	•
	Oil	•	•	•	•	•	•	•
	Air and non-flammable gases	••	•	••	••	•	•	••
CONNECTION	Threaded BSP or NPT	•	•	•	•	• ½" - 2"	• ½" - 2"	• ½" - 2"
	Flanges EN	-	•	•	•	•	•	•
	Flanges ANSI	-	•	•	•	•	•	•
	Welding ends	○	○	○	○	○	○	○
BODY MATERIAL	NODULAR GGG40.3	-	-	-	-	•	•	•
	BRONZE RG10	○	○	○	○	•	•	•
	CARBON STEEL WCB	-	-	-	-	•	•	•
	STAINLESS STEEL CF8M-CF3M	• (316L)	• (316L)	• (316L)	• (316L)	•	•	•
Max. inlet pressure	Barg	40	16	16	16	40	40	40
Min. outlet pressure	Barg	0,2	0,2	0,2	0,01	1	0,1	0,02
Max. outlet pressure	barg	20	8	8	8	16 (20)	16	8

• Available •• Best option ○ Available under request - Not available



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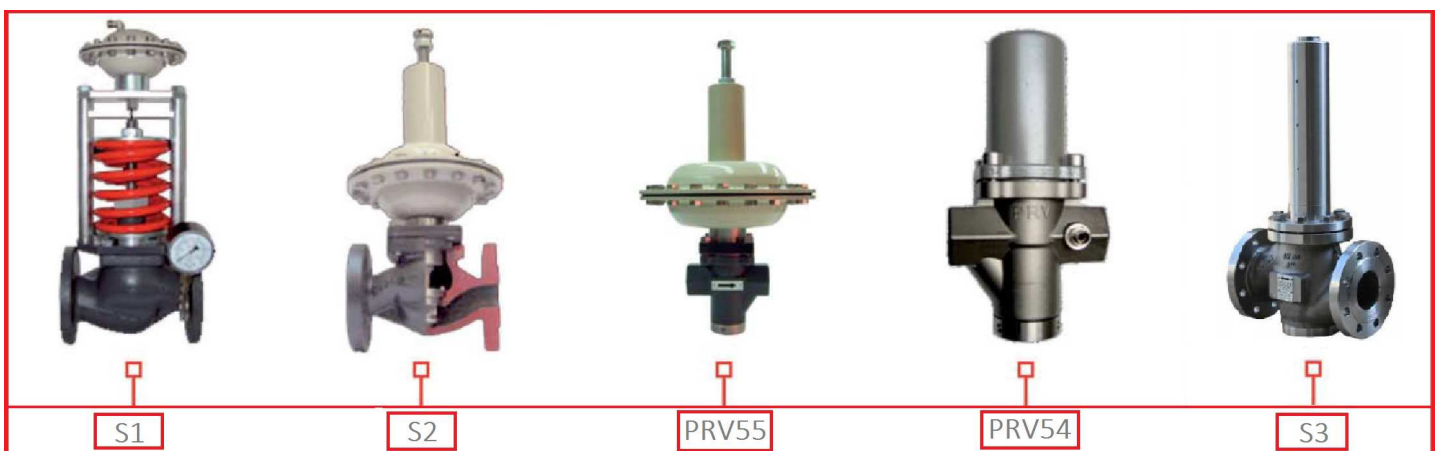


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SELF ACTING EXCESS PRESSURE VALVES / RELIEF VALVES

SUMMARY		PRV54	PRV55	S1	S2	S3
Nominal size	DN	15 - 25	15 - 25	15 - 150	15 - 100	15-100
Nominal Pressure	barg	16	16	25 - 40	25 - 40	25-40
Permissible temperature	°C	210	180	220-250	180	250
uses	Steam	●●	●	●●	●	●
	Water and other liquids	●	●	●	●	●●
	Oil	●	●	●	●	●●
	Air and non-flammable gases	●●	●●	●	●●	●
Connection	Threaded BSP or NPT	●	●	● ½" - 2"	● ½" - 2"	● ½" - 2"
	Flanges EN	●	●	●	●	●
	Flanges ANSI	●	●	●	●	●
	Welding ends	○	○	○	○	○
Body material	NODULAR GGG40.3	-	-	●	●	●
	BRONZE RG10	○		●	●	●
	CARBON STEEL WCB	●	-	●	●	●
	STAINLESS STEEL CF8M	●	●	●	●	●
Maximum inlet set pressure	barg	16	16	16	16	20
Minimum inlet set pressure	barg	0,2	0,01	0,1	0,02	0,5

● Available ●● Best option ○ Available under request - Not available



PRV 54

PRV 55



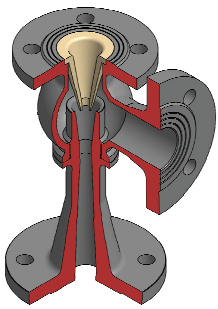
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EDUCTOR & EJECTOR

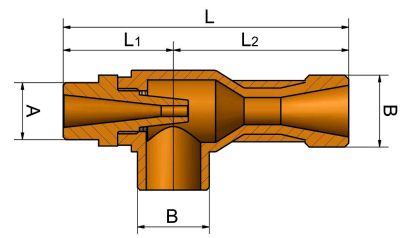
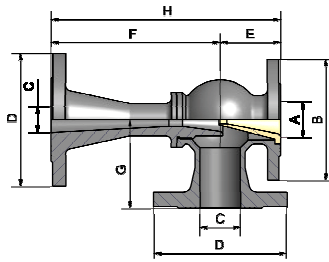
SUMMARY		ONDA 248	ONDA 250
NOMINAL SIZE	DN MOTIVE	15 - 80	3/8"-1 1/4"
*see tables below	DN SUCTION /DISCHARGE	20-125	1/2"-1 1/2"
Nominal Pressure	barg	16	16
Permissible temperature	°C	200°C	200°
uses	Steam	●	●
	Water and other liquids	●	●
	Oil	-	●
	Air and non-flammable gases	●	●
Connection	Threaded BSP or NPT	-	●
	Flanges EN	●	-
	Flanges ANSI	○	-
	NODULAR GGG40.3	●	-
Body material	BRONZE RG10	●	●
	CARBON STEEL WCB	○	-
	STAINLESS STEEL CF8M/CF3M	●	●
Nozzle Material	NODULAR GGG40.3	-	-
	BRONZE RG10	●	●
	STAINLESS STEEL AISI 316L	●	●
Maintenance needed		NO	NO



● Available

○ Available under request

- Not available



ONDA 248	nº	MIXT.	A	B	C	D	E	F	G	H
	1	1200	15	95	20	105	45	85	80	130
	2	2400	20	105	25	115	50	140	85	190
	3	4800	25	115	32	140	55	145	90	200
	4	7500	32	140	40	150	65	175	110	240
	5	9500	40	150	50	165	75	215	110	290
	6	15000	40	150	50	165	75	215	110	290
	7	18000	50	165	65	185	85	305	110	390
	8	35000	65	185	80	200	95	415	140	510
	9	72000	80	200	125	250	115	432	145	547
	l/h		mm.							

Fig nº	1	2	3	4	5	
	Rend	1500	2500	4000	5000	10000
A	3/8"	1/2"	3/4"	1"	1 1/4"	RG
B	1/2"	3/4"	1"	1 1/4"	1 1/2"	RG
C	1/2"	3/4"	1"	1 1/4"	1 1/2"	RG
L	83	109	142	172	236	mm
L ₁	33	44	45	52	61	mm



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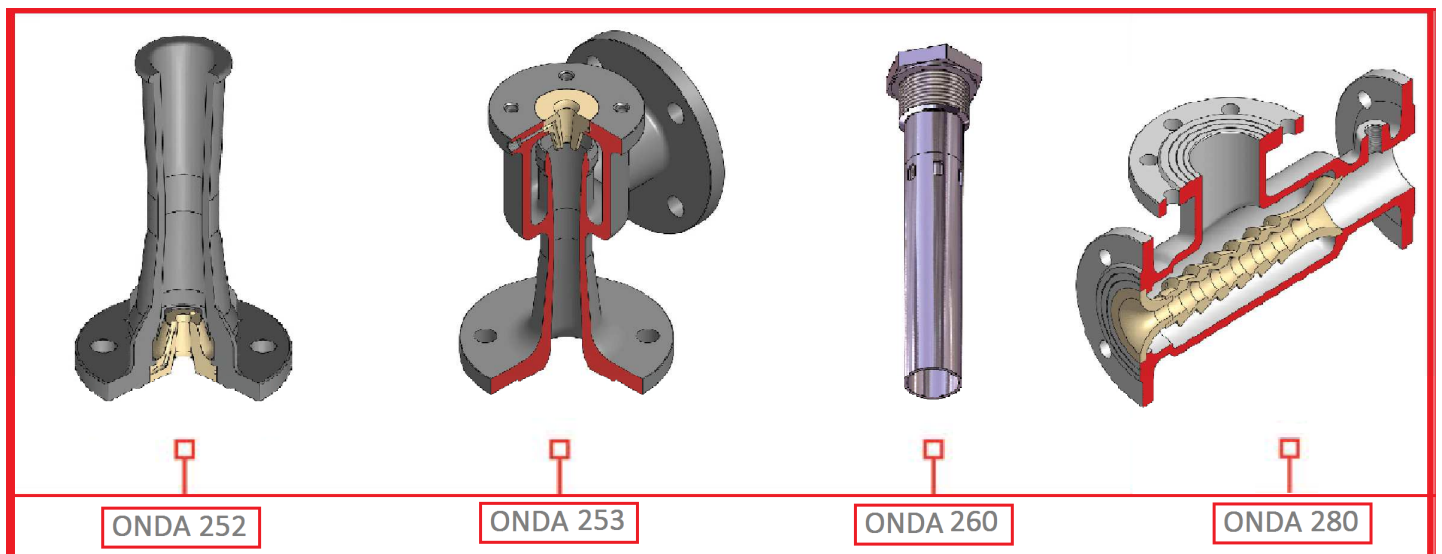
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REHEATERS

SUMMARY		ONDA 252	ONDA 253	ONDA 260	ONDA 280
NOMINAL SIZE	DN MOTIVE	20-80	20-65	15—40	25-100
*see tables below					
Nominal Pressure	barg	16	16	16	16
Permissible temperature	°C	200°C	200°C	200°C	200°
Uses	STEAM INJECTORS USED TO INCREASE ANY LIQUID TEMPERATURE				
Connection	Threaded BSP or NPT	-	-	●	-
	Flanges EN	●	●	-	●
	Flanges ANSI	●	●	●	●
	NODULAR GGG40.3	●	●	-	●
Body material	BRONZE RG10	●	●	-	●
	CARBON STEEL WCB	○	○	-	○
	STAINLESS STEEL CF8M/AISI 316	●	●	●	●
Nozzle Material	BRONZE RG10	●	●	-	●
	STAINLESS STEEL CF8M	●	●	●	●
Maintenance needed		NO	NO	NO	NO

● Available ○ Available under request - Not available



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