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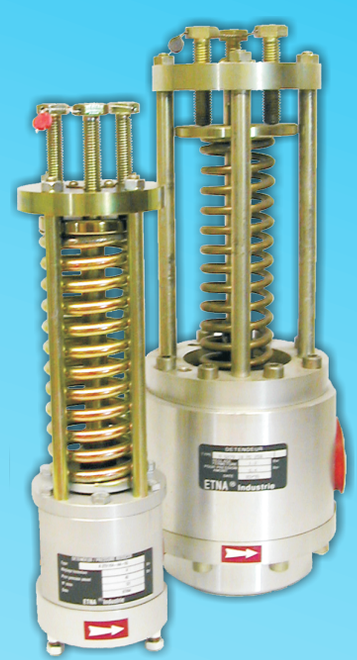
PRESSURE REDUCERS 0 - 320 BAR



PRESSURE REDUCERS:

- Type «BOC»:
  DN$_{Max}$ G1.1/4"
  Downstream 0.15 to 37bar, Upstream$_{Max}$ 250bar
- Type «BOD»:
  DN G 1/2"
  Downstream 0.40 to 100bar, Upstream$_{Max}$ 250bar
- Type «BOE»:
  DN G 1/4"
  Downstream 1 to 150bar, Upstream$_{Max}$ 250bar
- Type «BPE»:
  DN G 3/8"
  Downstream 20 to 320bar, Upstream$_{Max}$ 350bar

ETNA INDUSTRIE

PRESSURE REDUCERS TYPE BOC

DESCRIPTION

Indirect action technology ensuring:
- absolute tightness in closed position
- excellent dynamic response
- no hunting vibration

Other:
- non return device to avoid any emptying risk
- protective cover (IP 53 - outdoor use)
- balancing piston
  (to limit the upstream peaks pressure due to the pump)

MATERIALS

Parts in contact with fluid: aluminium, brass and stainless steel.
Other parts: aluminium, brass, stainless steel and protected steel.
Diaphragm and disc are determined according to fluid, pressure and operating temperature range for maximal life duration.

CHARACTERISTICS

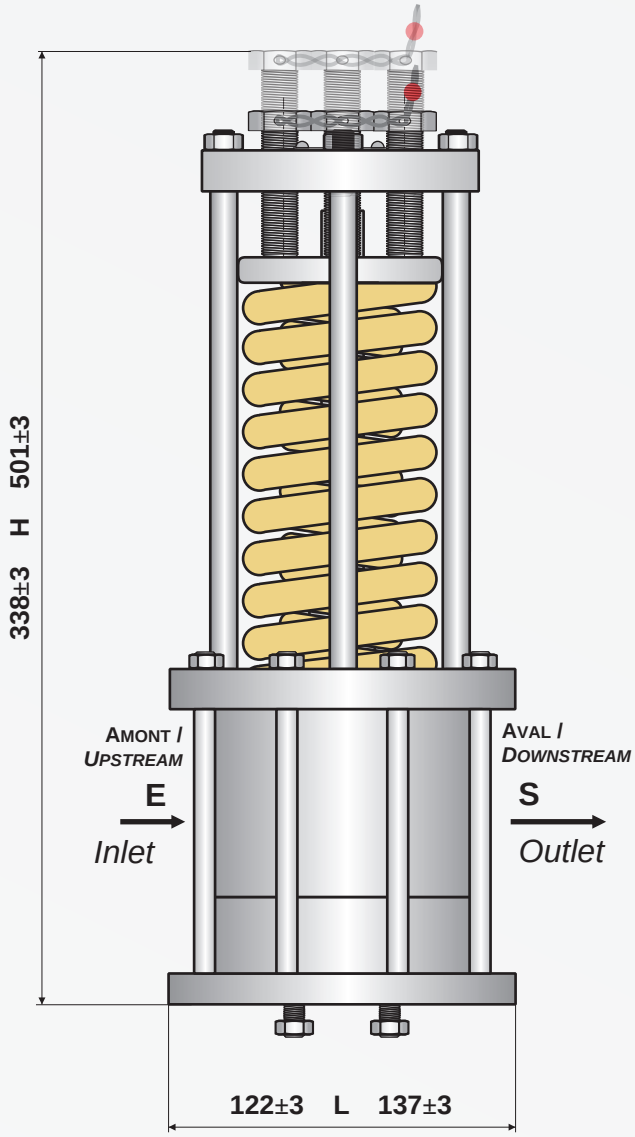
Downstream pressure range (*bar*):	0,15 - 37
Max. upstream pressure (*bar*):	250
Temperature range (°C):	-20 à +120
Max. flow rate (*air*):	*See table below*
Connections:	G3/4", G1", or G1.1/4"
Detection system:	Diaphragm

Réf.	P_{d} set*	Max. flow	T	Mat.	Connections
	bar	*Nm^3/h*	*°C*		*downstream-upstream*
Equiped with cover					
3638	0,15-37	1915	-20/120	alu	G3/4" - G3/4"
5688	0,15-37	5535	-20/120	alu	G1" - G1.1/4"
5401	0,15-37	7306	-20/120	brass	G1.1/4" - G1.1/2"
5434	0,15-37	5535	-20/120	brass	G1" - G1.1/4"
5903	0,15-37	7306	-20/120	stainless	G1.1/4" - G1.1/2"
6094	0,15-37	5535	-20/120	stainless	G1" - G1.1/4"
Without cover					
3135	0,15-37	1915	-20/120	alu	G3/4"- G3/4"
3238	0,15-37	5535	-20/120	alu	G1" - G1.1/4"
4115	0,15-37	7306	-20/120	alu	G1.1/4" - G1.1/2"
2308	0,15-37	1915	-20/120	brass	G3/4" - G3/4"
5893	0,15-37	5535	-20/120	brass	G1" - G1.1/4"
4227	0,15-37	5535	-20/120	stainless	G1" - G1.1/4"
6093	0,15-37	5535	-20/120	stainless	G1" - G1.1/4"

(*): *downstream pressure setting*

NEXT

BOC range arrangement



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PRESSURE REDUCERS TYPE BOD

DESCRIPTION

Indirect action technology ensuring:
- absolute tightness in closed position
- excellent dynamic response
- no hunting vibration

Other:
- non return device to avoid any emptying risk
- protective cover (IP 53 - outdoor use)
- balancing piston (to limit the upstream peaks pressure due to the pump)

MATERIALS

Parts in contact with fluid: aluminium, brass and stainless steel.
Other parts: aluminium, brass, stainless steel and protected steel.
Diaphragm and disc are determined according to fluid, pressure and operating temperature range for maximal life duration.

CHARACTERISTICS

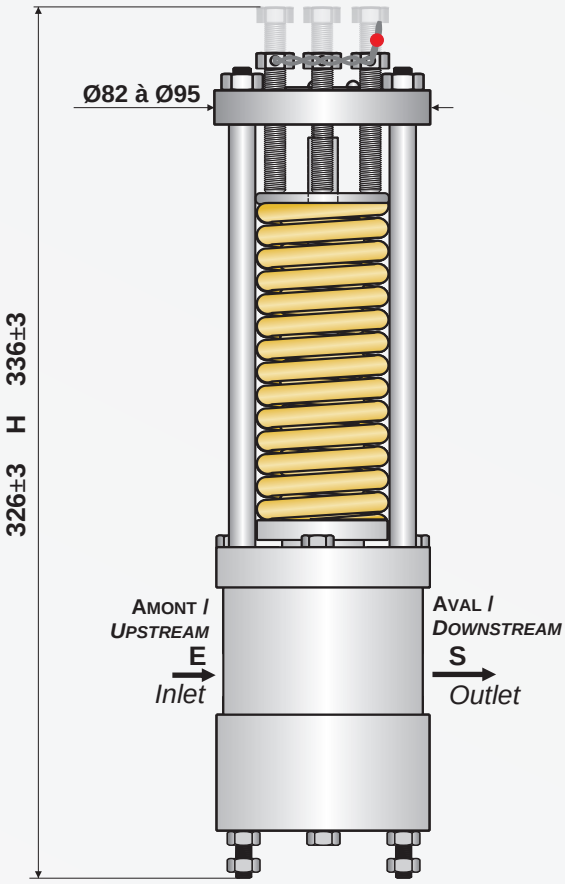
Downstream pressure range (*bar*):	0,40 - 100
Max. upstream pressure (*bar*):	250
Temperature range (°C):	-20 à +120
Max. flow rate (*air*):	*See table below*
Connections:	G1/2"
Detection system:	Diaphragm

Réf.	P_d set* *bar*	Max. flow Nm^3/h	T °C	Mat.	Connections *downstream - Aval*
Equiped with cover					
3392	0,4-40	2758	-20/120	alu	G1/2"
3393	35-100	2758	-20/120	alu	G1/2"
4982	0,4-40	2758	-20/120	brass	G1/2"
Without cover					
2791	0,4-40	2758	-20/120	alu	G1/2"
2819	35-100	2758	-20/120	alu	G1/2"
5532	0,8-40	2758	-20/120	alu	G1/2"
1996	0,4-40	2758	-20/120	brass	G1/2"
4114	35-100	2758	-20/120	brass	G1/2"
2805	0,4-40	2758	-20/120	stainless	G1/2"
5259	35-100	2758	-20/120	stainless	G1/2"
5758	0,8-40	2758	-20/120	stainless	G1/2"

(*): *downstream pressure setting*

NEXT

BOD range arrangement



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ETNA INDUSTRIE

PRESSURE REDUCERS TYPE BOE

DESCRIPTION

Indirect action technology ensuring:
- absolute tightness in closed position
- excellent dynamic response
- no hunting vibration

Other :
- non return device to avoid any emptying risk
- protective cover (IP 53 - outdoor use)
- balancing piston (to limit the upstream peaks pressure due to the pump)

MATERIALS

Parts in contact with fluid: aluminium, brass and stainless steel.
Other parts: aluminium, brass, stainless steel and protected steel.
Diaphragm and disc are determined according to fluid, pressure and operating temperature range for maximal life duration.

CHARACTERISTICS

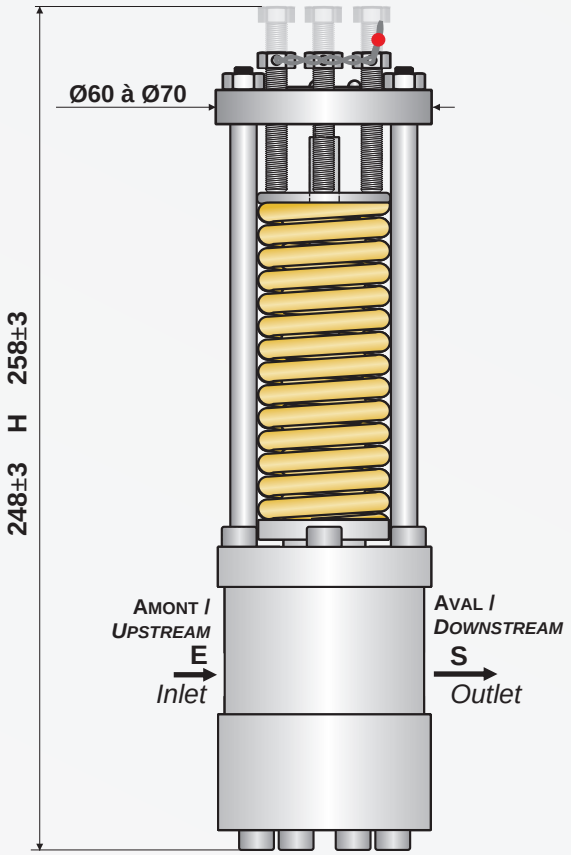
Downstream pressure range (*bar*):	1 - 150
Max. upstream pressure (*bar*):	250
Temperature range (°C):	-30 à +120
Max. flow rate (*air*):	*See table below*
Connections:	G1/4"
Detection system:	Diaphragm

Réf.	P_d set*	Max. flow	T	Mat.	Connections
	bar	*Nm³/h*	°C		*downstream-upstream*
Equiped with cover					
3400	1-100	689	-20/120	alu	G1/4" - G1/4"
5912	1-100	689	-20/120	brass	G1/4" - G1/4"
4509	1-100	689	-20/120	stainless	G1/4" - G1/4"
Without cover					
2750	1-100	689	-20/120	alu	G1/4" - G1/4"
3562	1-100	689	-20/120	brass	G1/4" - G1/4"
4508	1-100	689	-20/120	stainless	G1/4" - G1/4"

(*): *downstream pressure setting*

NEXT

BOE range arrangement



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ETNA INDUSTRIE

PRESSURE REDUCERS TYPE BPE

DESCRIPTION

Indirect action technology ensuring:
- absolute tightness in closed position
- excellent dynamic response
- no hunting vibration

Other :
- non return device to avoid any emptying risk
- protective cover (IP 53 - outdoor use)

MATERIALS

Parts in contact with fluid: aluminium, brass and stainless steel.
Other parts: aluminium, brass, stainless steel and protected steel.
Disc is determined according to fluid, pressure and operating temperature range for maximal life duration.

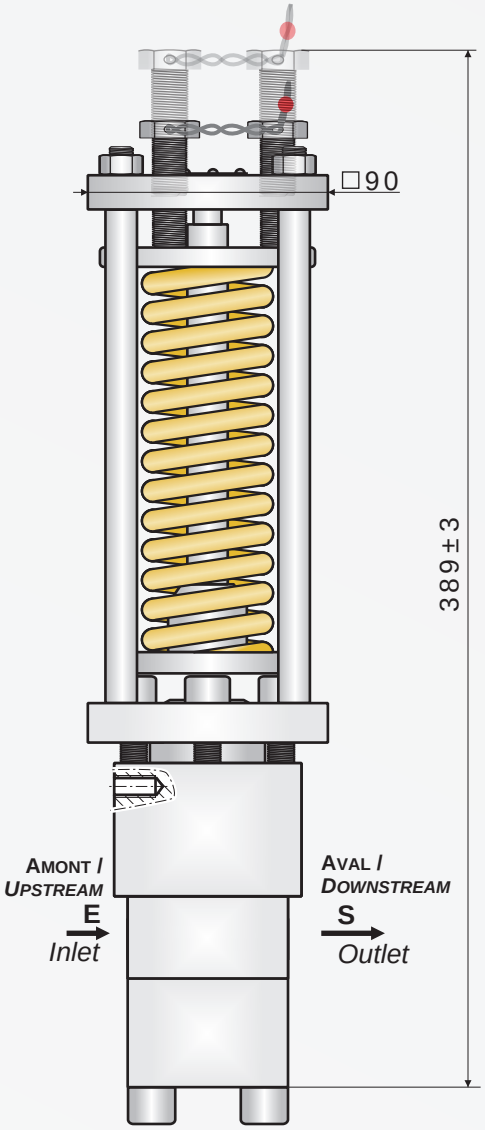
CHARACTERISTICS

Downstream pressure range (*bar*):	20 - 320
Max. upstream pressure (*bar*):	350
Temperature range (°C):	-20 à +120
Max. flow rate (*air*):	*See table below*
Connections:	G3/8"
Detection system:	Piston

Réf.	P_d set*	Max. flow	T	Mat.	Connections
	bar	*Nm^3/h*	*°C*		*downstream-upstream*
Equiped with cover					
3500	20-320	984	-30/120	steel	G3/8"
Without cover					
3467	20-320	984	-30/120	steel	G3/8"

(*): *downstream pressure setting*

BPE range arrangement



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