

EQUAFLUX 302

AUTOMATIC PULSATION DAMPERS




- Product designed and constructed in Italy
- Operates with non-lubricated air
- High performance and strength
- Suitable for minimising pulsating flows
- Suitable for minimising vibrations during the operation of the pump



EQUAFLUX DAMPERS CODES ENCODING

ex. EQ100PCHTC

Equaflex 100 PP+CF, Hytrel®, air side diaphragm, PTFE product side diaphragm, conduct.

EQ100	PC	H	T	C
DAMPER CASING	DAMPER CASING	AIR-SIDE DIAPHRAGM	PRODUCT-SIDE DIAPHRAGM	CONDUCT VERSION
EQ 51 - Equaflex 51 EQ 100 - Equaflex 100 EQ 200 - Equaflex 200 EQ 302 - Equaflex 302 EQ 303 - Equaflex 303	P - Polypropylene FC - PVDF+CF R - PPS-V A - AISI 316 (excluded EQ 303) AL - Aluminium PC - PP + CF	H - Hytrel® M - Santoprene® D - EPDM N - NBR	T - PTFE	(zone 1)  II 2/2GD c IIB T135°C C - on request

The EQUAFLUX dampers are used with fluids with a high apparent viscosity, also with large suspended solids.

They adapt automatically to the system conditions, without any manual adjustments or calibrations. The high capacity of minimising pulsations, vibrations and water hammer renders this component ideal for protecting the system, providing a regular outlet flow.

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Specifications and types



STANDARD: II 3G Ex h IIB T4 Gc, II 3D Ex h IIIB T135°C Dc (zone 2)
CONDUCT: II 2G Ex h IIB T4 Gb, II 2D Ex h IIIB T135°C Db (zone 1)

PP



ALU



PVDF



AISI 316
Electropolished



Fitting Product	Air fitting	Operating pressure	Application	Material* (half-casing in contact with the fluid)	Weight	Operating time	Dim. (mm)
G 2"	Ø 8 mm	Min 2 Bar - Max 8 Bar	Boxer522	Polypropylene	23 kg	from +3°C to +65°C	398x516
G 2"	Ø 8 mm	Min 2 Bar - Max 8 Bar	Boxer522	PP + CF	23 kg	from +3°C to +65°C	398x516
G 2"	Ø 8 mm	Min 2 Bar - Max 8 Bar	Boxer522	PVDF	28.5 kg	from +3°C to +95°C	398x516
G 2"	Ø 8 mm	Min 2 Bar - Max 8 Bar	Boxer502	ALU	26 kg	from +3°C to +95°C	356x352
G 2"	Ø 8 mm	Min 2 Bar - Max 8 Bar	Boxer502	AISI 316 steel AISI 316 steel	32 kg	from +3°C to +95°C	356x352

*Material on request: • DUPLEX/S.DUPLEX

AIR SIDE HALF-CASING MATERIAL

- Central boxer 502/503 (PP)

DIAPHRAGM MATERIALS

- NBR
- EPDM
- Hytrel
- Santoprene
- PTFE

CAPS MATERIALS

- Polypropylene (with glass additive)
- Conductive polypropylene (with carbon additive)
- PVDF
- Aluminium
- AISI 316 L

PACKAGE

wooden crate
cm 62 x 44 x 57
weight 14 kg

[the weight refers to the package only,
without the pump]