

EQUAFLUX 303

AUTOMATIC PULSATION DAMPERS



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



EQUAFLUX DAMPERS CODES ENCODING

e.g. EQ100PCHTC

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

EQ100	PC	H	T	C
DAMPER MODEL	DAMPER BODY	AIR-SIDE DIAPHRAGM	PRODUCT SIDE DIAPHRAGM	VERSION
EQ 051 - Equaflex 51 EQ 100 - Equaflex 100 EQ 200 - Equaflex 200 EQ 302 - Equaflex 302 EQ 303 - Equaflex 303	P - Polypropylene PC - PP + CF FC - PVDF+CF R - PPS A - AISI 316 (excluded EQ 303) AL - Aluminium	H - Hytrel® M - Santoprene® D - EPDM N - NBR	T - PTFE	C* Z*

*C = CONDUCT version for ATEX Zone 1

*Z = Version for IECEx Standard

EQUAFLUX dampers are used with fluids, including in the presence of larger suspended solids.

They automatically adapt to system conditions, without the need for manual adjustment or calibration.

The advanced capacity to minimise pulsations, vibrations and water hammer makes this the ideal component 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 DcX
CONDUCT: II 2G Ex h IIB T4 Gb, II 2D Ex h IIIB T135°C DbX

PP



ALU



PVDF



Product fitting	Air fitting	Operating pressure	Application	Material* (half-casing in contact with fluid)	Weight	Operating temperature	Size (mm)
G 3"	Ø 8 mm	Min 2 Bar - Max 8 Bar	Boxer503	Polypropylene	23 Kg	from +3°C to +65°C	398x516
G 3"	Ø 8 mm	Min 2 Bar - Max 8 Bar	Boxer503	PP + CF	23 Kg	from +3°C to +65°C	398x516
G 3"	Ø 8 mm	Min 2 Bar - Max 8 Bar	Boxer503	PVDF	28,5 Kg	from +3°C to +95°C	398x516
G 3"	Ø 8 mm	Min 2 Bar - Max 8 Bar	Boxer503	ALU	29 Kg	from +3°C to +95°C	418,5x509

*Material on request: • DUPLEX / S.DUPLEX

AIR SIDE HALF-CASING MATERIAL:

- Central Boxer 503/503 (PP)

DIAPHRAGM MATERIALS:

- NBR
- EPDM
- Hytrel
- Santoprene
- PTFE

CAP MATERIALS:

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

PACKAGING:

wooden crate
cm 62 x 44 x 57
weight 14 Kg

(the weight refers to the package only, without the pump)