

EQUAFLUX 51

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

Equaflux 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 - Equaflux 51 EQ 100 - Equaflux 100 EQ 200 - Equaflux 200 EQ 302 - Equaflux 302 EQ 303 - Equaflux 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



PVDF



PPS



AISI 316 L



Product fitting	Air fitting	Operating pressure	Application	Material* (half-casing in contact with fluid)	Weight	Operating temperature	Size (mm)
G 3/4"	Ø 6 mm	Min 2 Bar - Max 8 Bar	Midgetbox, Cubic15 Boxer7, Boxer15 Microboxer, Boxer35	Polypropylene	0,5 Kg	from +3°C to +65°C	121x117
G 3/4"	Ø 6 mm	Min 2 Bar - Max 8 Bar	Midgetbox, Cubic15 Boxer7, Boxer15 Microboxer, Boxer35	PP + CF	0,5 Kg	from +3°C to +65°C	121x117
G 3/4"	Ø 6 mm	Min 2 Bar - Max 8 Bar	Cubic15, Boxer7, Boxer15 Microboxer, Boxer35	PVDF	0,5 Kg	from +3°C to +95°C	121x117
G 3/4"	Ø 6 mm	Min 2 Bar - Max 8 Bar	Boxer7, Boxer15 Microboxer, Boxer35	PPS	0,6 Kg	from +3°C to +95°C	121x117
G 1/2"	Ø 6 mm	Min 2 Bar - Max 8 Bar	Boxer7, Boxer15 Microboxer, Boxer35	AISI 316 L	1,33 Kg	from +3°C to +95°C	133x117

AIR SIDE HALF-CASING MATERIAL:

- PP
- PP+CF
- ALUMINIUM

DIAPHRAGM MATERIALS:

- NBR
- EPDM
- Hytrel®
- Santoprene®
- PTFE

CAP MATERIALS:

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

PACKAGING:

cardboard box
cm 14 x 19 x 14
weight 0,17 Kg

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