

EQUAFLUX 100

AUTOMATIC PULSATION DAMPERS



DEBEM
MADE IN ITALY

- 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



Product fitting	Air fitting	Operating pressure	Application	Material* (half-casing in contact with fluid)	Weight	Operating temperature	Size (mm)
G 1"	Ø 6 mm	Min 2 Bar - Max 8 Bar	Boxer50, Boxer81	Polypropylene	1,5 Kg	from +3°C to +65°C	177x170
G 1"	Ø 6 mm	Min 2 Bar - Max 8 Bar	Boxer50, Boxer81	PP+CF	1,5 Kg	from +3°C to +65°C	177x170
G 1"	Ø 6 mm	Min 2 Bar - Max 8 Bar	Boxer50, Boxer81	PVDF	1,7 Kg	from +3°C to +95°C	177x170
G 1"	Ø 6 mm	Min 2 Bar - Max 8 Bar	Boxer50, Boxer90	PPS	1,7 Kg	from +3°C to +95°C	177x170
G 1"	Ø 6 mm	Min 2 Bar - Max 8 Bar	Miniboxer, Boxer81	AISI 316 Electropolished	2,56 Kg	from +3°C to +95°C	183,2x151
G 1"	Ø 6 mm	Min 2 Bar - Max 8 Bar	FPC 100, Miniboxer, Boxer 50, Boxer 81/90	PTFE	1,7 Kg	from +3°C to +65°C	177x170

AIR SIDE HALF-CASING MATERIAL:

- PP
- PP+CF

DIAPHRAGM MATERIALS:

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

CAP MATERIALS:

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

PACKAGING:

cardboard box
cm 19 x 19 x 21
weight 0,5 Kg

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