



EU DECLARATION OF CONFORMITY

Code: 500007621 Ver.-
Technical File: 500007081 Rev.—
N°Dep.FT: TUV IT 17 ATEX 079 AR

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The undersigned, representative the following manufacturer

Camozzi spa

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herewith declares that the product:

**GUIDED ACTUATORS CYLINDERS SERIES QCT,QCB,QCTF,QCBF,
TWIN CYLINDERS SERIES QX**

(see a detailed identification of the models on page 3 and 4)

results to be in conformity with the provisions of the following European Community's
directive:

**2014/34/UE
(ATEX)**

DIRECTIVE 2014/34/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of
26 February 2014 on the harmonisation of the laws of the Member States relating to
equipment and protective systems intended for use in potentially explosive atmospheres

and that all standards and/or technical specifications indicated on page 2 have been applied

Marking ATEX Series QCT,QCB,QCTF,QCBF, QX Cylinders Double acting :



**II2G Ex h IIC T4 Gb
II2D Ex h IIIC T120° Db
-20°C ≤ Ta ≤ 70°C**

Brescia, 19/12/2017

Camozzi SPA
Product Certification Manager
Fabrizio Guerrini



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Reference to the standards and/or technical specifications applied:

Harmonised Standards :

Nr	Issue date	Title	Parts
EN 1127-1	2011	Explosive atmospheres — Explosion prevention and protection — Part 1: Basic concepts and methodology.	All
EN ISO 80079-36	2016	Explosive atmospheres — Part 36: Non-electrical equipment for explosive atmospheres — Basic method and requirements	All
EN ISO 80079-37	2016	Explosive atmospheres — Part 37: Non-electrical equipment for explosive atmospheres — Nonelectrical type of protection constructional safety 'c', control of ignition sources 'b', liquid immersion 'k'	All
EN 4414	2010	Pneumatic fluid power -- General rules and safety requirements for systems and their components	All



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Models Identification (the values in the first column are examples):

QCT2A020A050EX

QCTF2A020A050EX

QXT2A020A050EX

Series QCT e QCB

QC	T	2	A	020	A	050	EX
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Camozzi Code	
QC	SERIES
T	VERSION: T = sintered bronze bushes B = linear ball bearings
2	OPERATION: 2 = double-acting
A	MATERIALS: A = anodized aluminium body - rolled stainless steel AISI 303 piston rod rolled stainless steel AISI 420B columns for QCT - hardened steel C50 columns for QCB
020	BORES: 020 = 20 mm 025 = 25 mm 032 = 32 mm 040 = 40 mm 050 = 50 mm 063 = 63 mm
A	TYPE OF DESIGN: A = standard
050	Stroke (mm)
EX	ATEX Certified product



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Series QCTF - QCBF

QC	T	F	2	A	020	A	050	EX
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Camozzi Code	
QC	SERIES
T	TYPE OF BEARING: T = sintered bronze bushes B = linear ball bearings
F	VERSIONE: F = doppia flangia
2	VERSION: F = double flange
A	MATERIALS: A = anodized aluminium body - rolled stainless steel piston rod AISI 303 rolled stainless steel AISI 420B columns for QCTF - hardened steel C50 columns for QCBF
020	BORE: 020 = 20 mm 025 = 25 mm 032 = 32 mm 040 = 40 mm
A	CUSHION: A = fixed mechanical cushion (standard) B = two shock absorbers located on the body C = one shock absorber located on the rear flange
050	STROKE (mm)
EX	ATEX Certified Product

Series QX

QX	T	2	A	020	A	050	EX
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Camozzi Code	
QX	SERIES
T	VERSION T = sintered bronze bushes B = linear ball bearings
2	OPERATION 2 = double-acting (1 flange) radial / axial pressure supply 3 = double-acting through-rod (double-flange), radial pressure supply
A	MATERIALS A = anodized aluminium body, rolled stainless steel AISI 303 piston rod
020	BORE 010 = 10 mm 016 = 16 mm 020 = 20 mm 025 = 25 mm 032 = 32 mm
A	TYPE OF DESIGN A = standard
050	STROKE (mm)
EX	ATEX Certified product



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Series QCT, QCB, QCTF, QCBF , QX special versions

This Compliance declaration takes validity also for the special versions of the series QCT, QCB, QCTF, QCBF , QX, by the use of the internal compliance valuation procedure n° G-DT-93 (and following revisions)

Coding example: **QCT2A020A050SxxEX**

Where xx shows the progressive number of the special version.