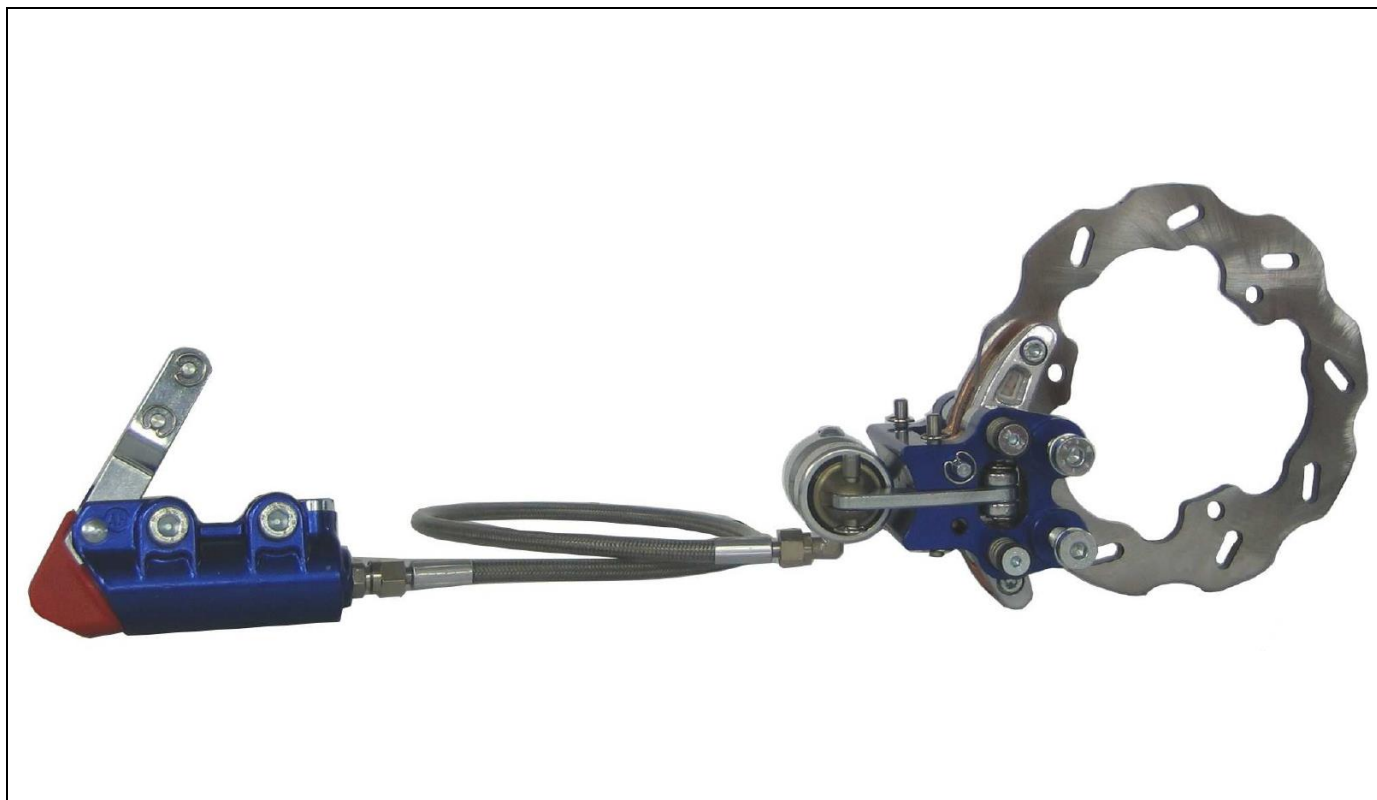


HOMOLOGATION OF BRAKE SYSTEM


<i>Manufacturer</i>	Birel s.p.a.
<i>Make</i>	FREE LINE
<i>Model</i>	FL CX - I 24
<i>Category</i>	Formula Cadet
<i>Valid from</i>	01 January 2014
<i>Valid until</i>	31 December 2022
<i>Number of pages</i>	3

This Homologation Form reproduces descriptions, illustrations and dimensions of the brake system at the moment of the MSA homologation. The Manufacturer may modify them, but only within the limits set by the MSA Regulations in force and with the written agreement of the MSA.



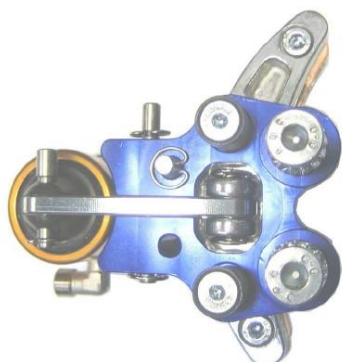
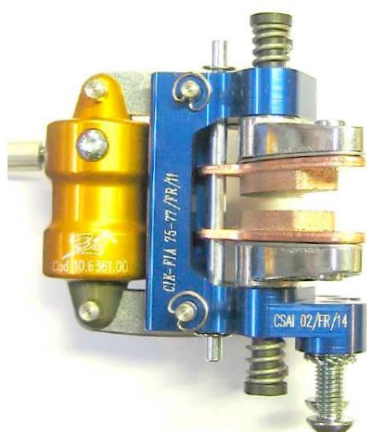
Photograph of the complete brake system

SIGNATURE AND STAMP OF THE MSA

	<p>Date: 17 December 2013</p> <p>Signed by: Joe Hickerton</p> <p>Position: Technical Administrator</p>
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TECHNICAL INFORMATION

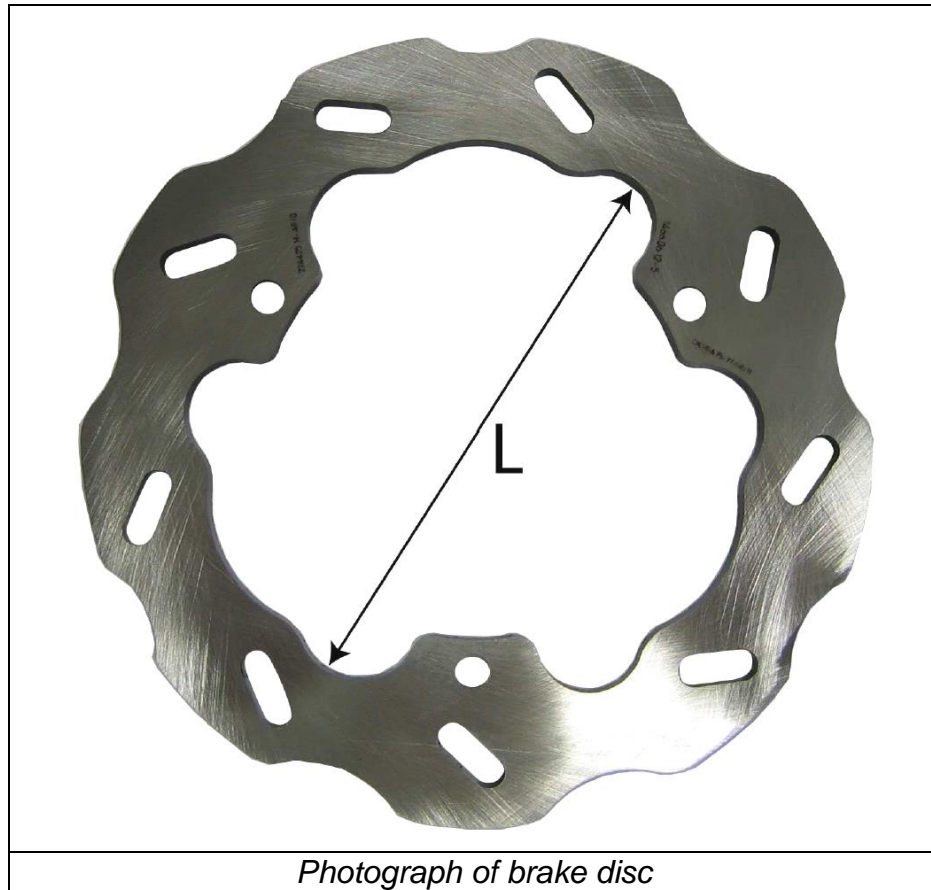
		<i>Measurement</i>	<i>Tolerance/Remark</i>
A:	Master Cylinder Bore	19 mm	-
B:	Number of callipers	1	-
C:	Number of calliper pistons	1	per caliper
D:	Calliper piston bore(s)	24 mm	-
E:	Number of pads	2	per caliper
F:	Calliper material	Aluminium	-
G:	Disc material	Steel	-
H:	Drilled and/or Grooved?	Yes	-
I:	Vented disc?	No	-
J:	Thickness of new disc	5 mm	±1 mm (2.5mm minimum)
K:	External diameter of disc	150 mm	±1.5 mm
L:	Internal diameter of disc	109 mm	Maximum
M:	Number of mounting lugs	3	-



Photograph of brake calliper



Photograph of master cylinder



COMPLIMENTARY INFORMATION

Extension to Kart Brake System Homologation

Variant

Manufacturer	Birel s.p.a.
Make	Freeline
Model	FL CX - I 24

Valid from	01 January 2020	Valid until	31 December 2022
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Alternative master cylinder

		Measurement	Tolerance / Remark
A	Master cylinder bore	19 mm	



Photograph of master cylinder

Signature and stamp of Motorsport UK



Date: 01 January 2020

Signed by: Joe Hickerton

Position: Technical Manager

Extension to Kart Brake System Homologation

Manufacturer	BirelART		
Make	Freeline		
Model	FL CX – I 24		
Valid for	Cadet <input checked="" type="checkbox"/> Inter <input type="checkbox"/>		
Valid from	01 January 2023	Valid until	31 December 2024

Reason for amendment:

Validity of homologation extended for one further period until 31 December 2024

Signature and stamp of Motorsport UK							
	<table><tr><td>Date:</td><td>01 January 2023</td></tr><tr><td>Signed by:</td><td>Joe Hickerton</td></tr><tr><td>Position:</td><td>Technical Manager</td></tr></table>	Date:	01 January 2023	Signed by:	Joe Hickerton	Position:	Technical Manager
Date:	01 January 2023						
Signed by:	Joe Hickerton						
Position:	Technical Manager						