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INSTALLATION DRAWING

DRAWING NUMBER

CP7411-2CD

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FIRST ANGLE PROJECTION

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DRAWING ISSUE

05

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ISSUE HISTORY

ISSUE	DATE & EON	FIRST ISSUE	DETAILS	CRD	INITIALS
1	07/04/2025 WF-002116_16			#	JAB
2	11/04/2025 WF-002116_18		DISC DIAMETERS UPDATED. WAS 380 NOW 300-420. ON Ø350 DISC REMOVED FROM SWEPT DEPTH NOTE. 1" DIMENSION WAS ON Ø410 DISC NOW ON Ø390.	R2	JAB
3	18/04/2025 WF-002116_20		DRAWING REDRAWN.	#	JAB
4	23/04/2025 WF-002116_22		SHEET 1 17.38 DIM REALIGNED TO CORRECT LOCATION SHEET 2 77.05 MIN DISC APERTURE DIM ADDED.	D5	JAB
5	24/06/2025 WF-002116_29		SHEET 1 PAD PIN KIT PART NUMBER UPDATED WAS CP7410-150 NOW CP7411-101 PAD PART NUMBER UPDATED TO INCLUDE \$\$ CALIPER LASER ETCH LAYOUT REVISED DRAWING TITLE REVISED TO REMOVE "CAST IRON SETUP".	P4	JAB

DISC Ø

DIRECTION OF DISC ROTATION***

VERTICAL LEADING MOUNTING POSITION

DISC WIDTH

ENSURE DISC IS CLAMPED TO A CLEAR PATHWAY

2x PAD RETAINING PINS INCLUDED (NOT FITTED)

PAD PINS MUST BE REPLACED WHEN REPLACING PADS

PART NUMBER

DIRECTION OF DISC ROTATION

DMC

SERIAL NUMBER

ANTI-COUNTERFEIT LABEL

28.25cm² (PER PAD)

56.50cm² (TOTAL)

390mm - 420mm

40mm

38mm (DIFFERENTIAL WEAR NOT TO EXCEED 1.00mm SIDE TO SIDE)

ROTATING DISC MUST PASS SMALLEST PISTON FIRST***

MAX WORKING PRESSURE

SEE DATA SHEET P14.387 (AVAILABLE FROM AP RACING TECHNICAL DEPARTMENT)

MAX GVM (GROSS VEHICLE WEIGHT)

2 x FRICTION RETAINED PINS

4mm (MIN)

CP4525-BBB11

CP7411-101

ALL MATERIALS AND COATINGS COMPLY WITH END OF LIFE VEHICLES (2000/S/EC)

AVAILABLE PART NUMBERS

PART NUMBER	DESCRIPTION
CP7411-4A##	RIGHT HAND LEADING (IN FRONT OF AXLE)
CP7411-5A##	LEFT HAND LEADING (IN FRONT OF AXLE)
CP7410D\$\$	CP7410-1 NON-HANDED PAD

= COLOUR CODE
\$\$ = PAD SWEPT DEPTH

FOR AVAILABLE COLOURS AND FURTHER TECHNICAL INFORMATION PLEASE REFER TO THE PRODUCT CATALOGUE, APRACING.COM OR CUSTOMER SERVICES

2.5

RECOMMENDED DISC PATHWAY CLEARANCE

Ø26

LEADING PISTON SIZE 'B' (REF)

Ø26

LEADING PISTON SIZE 'B' (REF)

Ø26

TRAILING PISTON SIZE 'I' (REF)

Ø26

TRAILING PISTON SIZE 'I' (REF)

107.5

MOUNTING BOSS FACE TO DISC & WHEEL Ø (ON Ø420 DISC)

101.5 ± 1.5

MOUNTING BOSS FACE TO TOP OF PAD

DISC Ø

(SEE TABLE)

R159.75

EFFECTIVE RADIUS (ON Ø420 DISC)

DISC & WHEEL Ø

240

MOUNTING HOLE CENTRES

Ø32 MINIMUM SPOTFACE

BLEEDSCREW TIGHTENING TORQUE = 17-20Nm

CLEARANCE ON M14 FASTENER

2.5

RECOMMENDED DISC PATHWAY CLEARANCE

DIRECTION OF DISC ROTATION***

6.85 MIN BACKPLATE THICKNESS

SHIM MIN THICKNESS COMBINED THICKNESS*

7.55 MIN SHIM MIN THICKNESS COMBINED THICKNESS*

192.96 ± 0.15

125.2

118.8

6.4

3

TO FRICTION MATERIAL

13.65

ANTI-RATTLE CLIP HEIGHT

19.98

172.98

47

86

3 (MIN) RECOMMENDED MOUNTING BELL TO PAD BACKPLATE CLEARANCE

17.3 MIN

M10x1 0-6H THRO' Ø

(11.5)

FEED PORT DETAIL (2-1)

TYPICAL TIGHTENING TORQUE:

- FITTING WITH 1 ONE COPPER GASKET: - 13Nm +45
- FITTING WITH TWO COPPER GASKETS: - 13Nm +90*

RESULTING MAX TORQUE MUST NOT EXCEED 30Nm

19.3 MAX PAD THICKNESS**

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FRICTION MATERIAL MIN THICKNESS (WORN)

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DISC MATERIAL

CAST IRON

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CP7410D89...

DISC MATERIAL

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47

86

3 (MIN) RECOMMENDED MOUNTING BELL TO PAD BACKPLATE CLEARANCE

DISC MATERIAL

CAST IRON

89

160

CP7410D89...

DISC MATERIAL

CARBON CERAMIC

98

171

CP7410D98...

IF A SHIM IS TO BE USED, IT MUST BE MECHANICALLY ATTACHED TO THE PAD BACKPLATE.

DISC Ø

DIRECTION OF DISC ROTATION***

VERTICAL LEADING MOUNTING POSITION

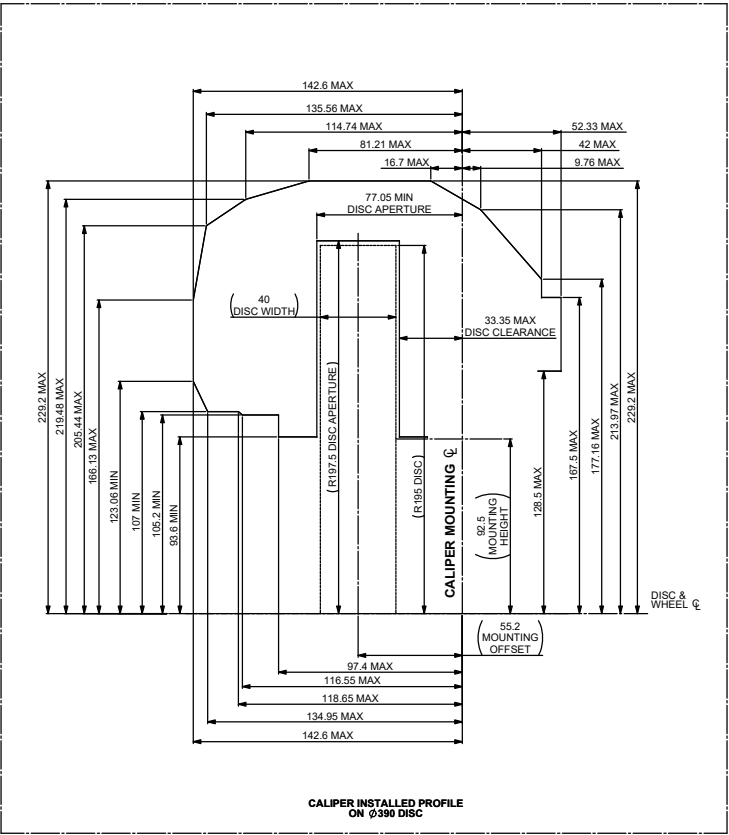
DISC WIDTH

ENSURE DISC IS CLAMPED TO A CLEAR PATHWAY

05

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	ISSUE HISTORY
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