

A2 INSTALLATION DRAWING

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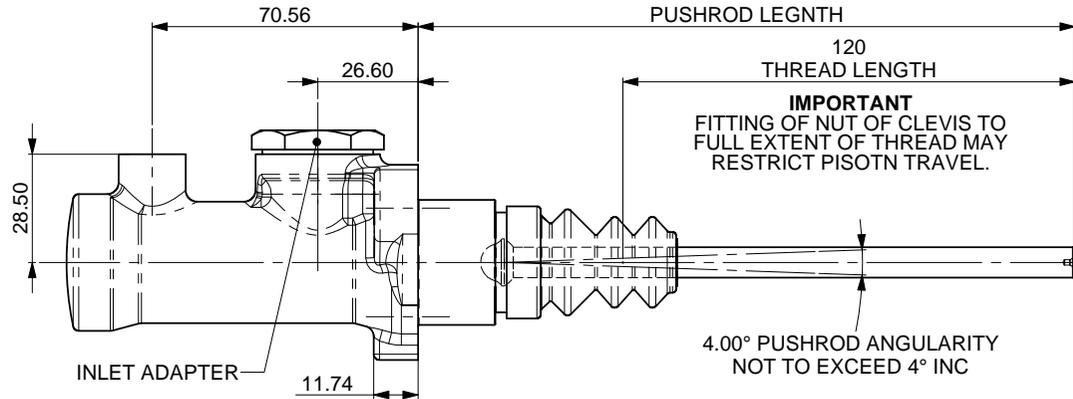
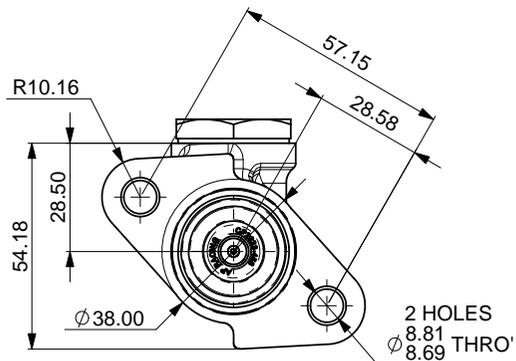


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Issue No.	Date & No.	Alterations		Zone	Initials
		Particulars			
01	01/06/2017 B7667	FIRST ISSUE			



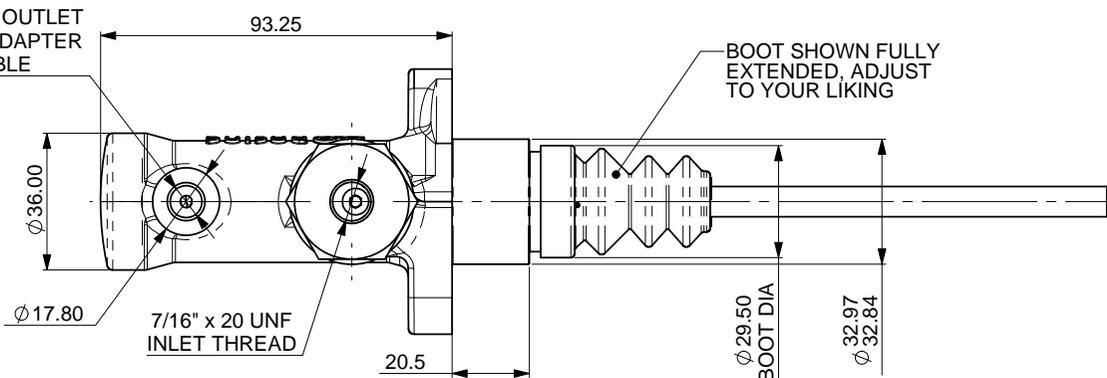
GENERAL DESCRIPTION:
CENTRE VALVE MASTER CYLINDER FOR USE IN ABS AND HIGH PRESSURE APPLICATIONS. CP7398 MASTER CYLINDERS ARE SUPPLIED WITH 7/16" x 20 UNF THREADED INLETS.

AVERAGE WEIGHT.....370g
FULL STROKE.....30mm
TRAVEL TO CUT-OFF
SHORT.....0.68-1.09mm
(0.027"-0.043")

THREADS
INLET.....7/16" x 20 UNF
OUTLET.....3/8" x 24 UNF
BODY MATERIAL.....ALUMINIUM ALLOY
TYPICAL APPLICATIONS.....ABS

SEE SHEET 2 FOR PUSHROD DETAILS AND INLET OPTIONS.

3/8" x 24 UNF OUTLET AEROQUIP ADAPTER AVAILABLE



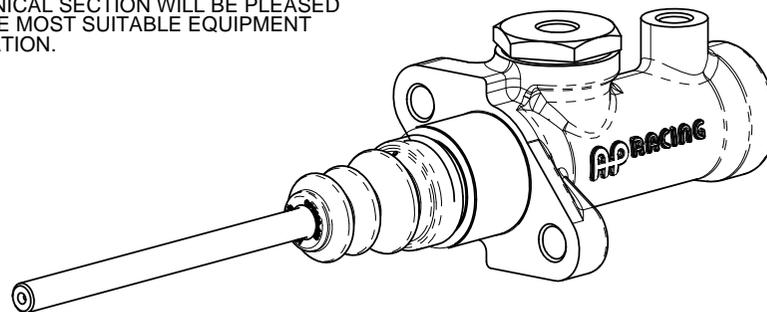
AVAILABLE SIZES OF CYLINDER

PART NUMBER	BORE SIZE	DIM 'A'	SHEET No.	TIE WRAP	REPAR KIT
CP7398-90	Ø15.9 (5/8")	25.40	SHEET 1	BLACK	CP7198-90RK
CP7398-905	Ø16.8	25.9		BLACK & YELLOW	CP7198-905RK
CP7398-91	Ø17.8 (0.70")	26.4		BLUE	CP7198-91RK
CP7398-92	Ø19.1 (3/4")	27.0		GREEN	CP7198-92RK
CP7398-93	Ø20.6 (13/16")	27.8		ORANGE	CP7198-93RK
CP7398-94	Ø22.2 (7/8")	28.6		RED	CP7198-94RK

ORDERING

WHEN ORDERING PLEASE STATE WHICH PUSHROD THREAD TYPE YOU REQUIRE, e.g.
CP7398-90PRM128 - METRIC - M8x1.25
CP7398-90PRT128 - IMPERIAL - 5/16" UNF
PLEASE ALSO STATE WHICH INLET TYPE YOU REQUIRE.

AP RACING TECHNICAL SECTION WILL BE PLEASED TO ADVISE ON THE MOST SUITABLE EQUIPMENT FOR ANY APPLICATION.



SCALE 1:1	SHEET 1 OF 2
DRAWN	Connor Homeyard
APPROVED	
DERIVED FROM	CP7098-1CD
TITLE	30.0mm STROKE PUSH TYPE MASTER CYLINDER
DRG NO.	CP7398-1CD

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Issue No.	Date & No.	Alterations Particulars	Zone	Initials
-	-	SEE SHEET 1 FOR ISSUE INFORMATION.	-	-

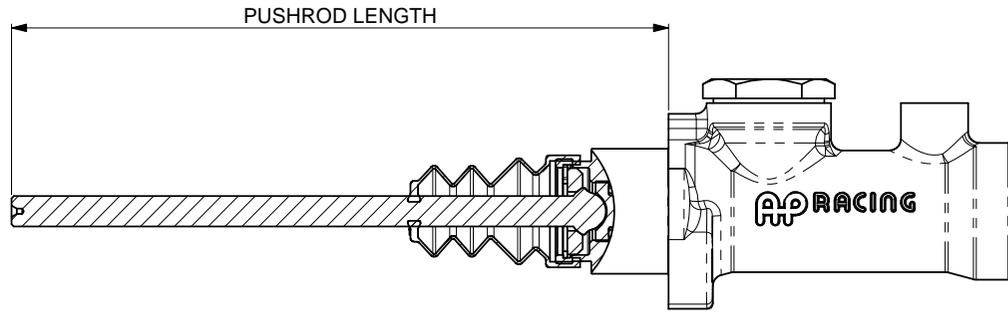
PUSHROD
CP7398 MASTER CYLINDERS ARE SUPPLIED WITH A PUSHROD LENGTH OF 128mm.

PUSHROD TYPES:

- PRT - PUSH ROD THREADED 5/16" UNF
- PRM - PUSH ROD THREADED M8x1.25

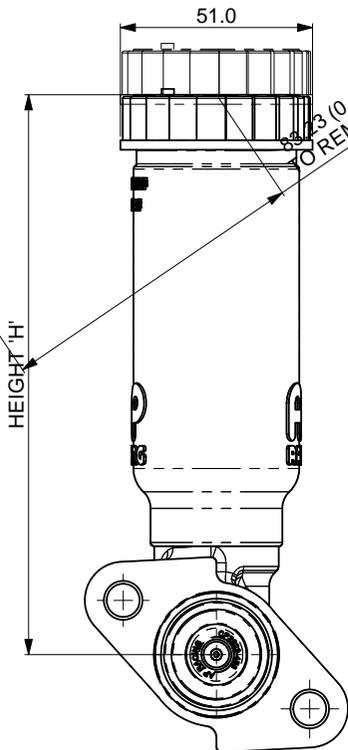
PUSHROD LENGTHS ARE MEASURED FROM THE MOUNTING FLANGE AS SHOWN.

PUSHROD EXTENSIONS THAT GIVE A TOTAL LENGTH OF OVER 200mm ARE NOT RECOMMENDED. IT IS THE CUSTOMERS RESPONSIBILITY TO CHECK SUITABILITY OF PUSHROD AND EXTENTION PIECES TO TAKE APPLIED LOADS.

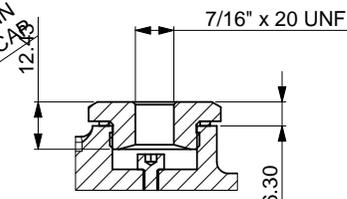


IMPORTANT NOTE

CP7398 MASTER CYLINDERS ARE INDIVIDUALLY SHIMMED DURING ASSEMBLY TO MINIMISE FREE PLAY. THEREFORE PUSHRODS SHOULD NOT BE SWITCHED BETWEEN INDIVIDUAL MASTER CYLINDER ASSEMBLIES.



5/16" (0.48") MIN TO REMOVE CAP

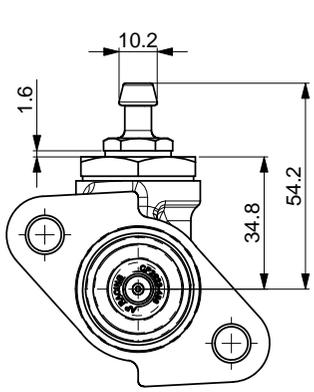


INLET TYPE 'B'
7/16" x 20 UNF INLET ADAPTER COMES FITTED TO ALL CP7398 MASTER CYLINDERS AS STANDARD.

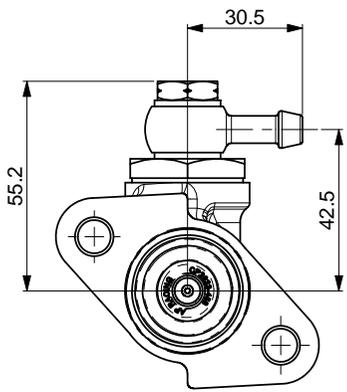
INLET TYPE 'C'
TO FIT CP4709 TYPE RESEVOIRS THE INLET ADAPTER AND COPPER GASKET ARE TO BE REMOVED. FITTING INSTRUCTIONS SUPPLIED WITH RESEVOIR.

RESEVOIR PART No.	HEIGHT 'H' mm (in)	DIA 'E' mm (in)	VOLUME cm ³ (in ³)
CP4709-10	198 (7.80")	51 (2.0")	183 (11.1")
CP4709-11	148 (5.83")		123 (7.5")
CP4709-12	108 (4.25")		75 (4.5")

OTHER RESEVOIR OPTIONS AVAILABLE, SEE AP RACING HYDRAULIC ACTUATION CATALOGUE.



INLET TYPE 'A'
SELECT MASTER CYLINDER WITH INLET TYPE 'B', PLUS INLET ADAPTER KIT PART NUMBER CP2623-30.



INLET TYPE 'D'
SELECT MASTER CYLINDER WITH INLET TYPE 'B', PLUS INLET ADAPTER KIT PART NUMBER CP2623-41.

SCALE 1:1	SHEET 2 OF 2
DRAWN	Connor Homeyard
APPROVED	
DERIVED FROM	CP7098-1CD
TITLE 30.0mm STROKE PUSH TYPE MASTER CYLINDER	
DRG NO.	CP7398-1CD