Last Saved: thargrave-smith on 06 July 2016 13:59:47 N:\SolidWorks\Customer\CP6467-1CD.slddrv INSTALLATION If this document is printed in hardcopy THIS DRAWING IS CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT SHALL NOT BE LOANED OR COPIED OR DISCLOSED TO ANY OTHER PERSON OR USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF AP RACING LTD. AP Racing it is for information use only and therefore is Wheler Road **DRAWING** 0 not subject to updating controls. Always Coventry FIRST ANGLE PROJECTION refer to viewer for latest issue. CV3 4LB .00 T FITTING 3 ALTERNATIVE INLET 29.00 EACH PART WILL -INLET FITTINGS SHOWN----ARE NOT SUPPLIED WITH THE CYLINDER. THESE ISOMETRIC VIEW FITTINGS SHOWN BE LAZER ETCHED සුමුයුගල Tel: +44 024 7663 9595 Fax: +44 024 7663 9559 90° SCALE 3:4 12.90 FITTING ANGLED FITTINGS CAN WITH THE SIZE. FITTING. FITTINGS ARE DESIGNED TO SUIT THE GOODRIDGE G-LINE RANGE OF FITTINGS AND e-mail: sales@apracing.co.uk @ AP Racing Ltd. 2016 ROTATE TO ANY PART No. AND A 0 ~5.00° Web site-http://www.apracing.com POSITION. SERIAL No. HERE 26.00 STRAIGHT F HOSES. AP RACING RECOMMENDS THE 910 Alterations SERIES HOSES. No. Date & No. **Particulars** Ø7.15 ALTV. INLETS:- (AVAILABLE FROM AP RACING)
CP6465-10 (75° BEND AS SHOWN)
59
CP6465-11 (STRAIGHT) 1 07/06/16 FIRST ISSUE THS B6816 28.6 59.80 WAS 1 ME21101 M8x1.25 LOCK NUT IN ALL VIEWS AND ASSEMBLIES, NOW 2. R12.7 # THS 2 21/06/16 B6816_12 CP6465-12 (90° BEND) 3 22/06/16 SHEET 2 B6816_13 BOOT INCLUDED IN REPAIR KIT THS BOOT INCLUDED IN REPAIR REF18 AKB PLUG REMOVED FROM REPAIR KIT. REF 5 SLEEVE REMOVED FROM REPAIR KIT. REF 6 Ø14.00 MAX 50 12 45.75 SHEET 1
POTENTIOMETER KIT OPTION,
NOTE AND DRAWING REMOVED.
CP6467-254PRME WAS 06/07/16 THREAD 2 CP6465-254PRME 24. لىنى M8x1.25 THREAD 25.55 **RUBBER BOOT IS** 85.10 51.16 MAX 27.25 INCLUDED FOR 7.972 TO CAP TO CAP STROKE DEBRIS PROTECTION. REQUIRED SHAFT 0.8 42.36 CAN ALSO BE SOLD 93.90 DIMN & SURFACE FINISH SEPERATELY AS A THIS CYLINDER IS DESIGNED TO FIT DIRECT TO OUR RANGE OF TO BOOT TO BOOT SPARE, CP6465-121 FLATS ON PISTON TO OR 3off KIT CP6465-20. HELP ASSEMBLY INTO PEDAL BOXES, AND OUR RANGE THE PEDAL BOX. OF BALANCE BAR ASSEMBLIES. MOVE BOOT SEE CATALOGUE FOR DETAILS TEMPORARILY TO GAIN ACCESS GENERAL DESCRIPTION THIS PULL TYPE MASTER CYLINDER HAS BEEN DESIGNED TO BE MORE EFFICIENT THAN NORMAL MASTER CYLINDERS AND TO BE USED WITH ABS BRAKING SYSTEMS. 50 THIS IS DUE TO THE COMPACT NATURE, THERE IS LESS CHANCE OF UNWANTED SIDE 23 LOADING. THERE IS A CENTRE VALVE TO REDUCE NIBBLE OF THE MAIN SEAL.

DESIGNED INTO THE BACK OF THE CYLINDER IS NEEDLE ROLLER BEARING CLEVIS.

THIS HAS BEEN DESIGNED TO FIT INTO OUR HIGH EFFICIENCY AND LOW HYSTERESIS HEX HEAD BOLT M4x0.7 THREAD. RECOMMENDED OUTLET M10x1.00 THREAD BALANCE BAR. THE SPECIAL INLET FITTING AND 90Deg OUTLET ALLOWS THE CYLINDER TO SIT LOW BUT WITHOUT TRAPPING AIR. OUR SELECTION OF RECOMMEND OUTLETS ARE SHOWN ON SHEET 2. 8.00 MIN THREAD DEPTH, TIGHTENING TORQUE SEE FITTING OPTIONS. 3.0 - 3.5Nm (2.2 - 2.5lbft) WE ALSO RECOMMEND THIS MASTER CYLINDER HAS THE OPTION TO BE SUPPLIED WITH AN ANTI-THE USE OF LOCTITE 243 IMPORTANT NOTE KNOCKBACK PLUG TO REDUCE THE EFFECT OF PAD KNOCKBACK. SEE SHEET 2 FOR THREAD LOCKER THE CP6467-254PRME MASTER CYLINDER HAS SOME DIFFERENCES WITH VARIOUS INSTALLATION APPROX. WEIGHTS RANGE FROM 240 grams TO 280 grams. DIMENSIONS. THESE ARE SHOWN BELOW. REFERENCE DIMENSIONS CORRECTED BORE SIZES PART NUMBER FOR CALCULATIONS BORE Ø PISTON Ø AREA (mm) (mm) (mm²) CP6467-149PRMF 14.9 (0.587") 19.05 11 90 173 80 CP6467-162PRME 19.05 10.00 206.48 16.2 (0.638" CP6467-173PRME 17.3 (0.681" 22.23 14.00 234.01 CP6467-188PRME 22.23 11.90 276.73 18.8 (0.740") CP6467-202PRME 22.23 20.2 (0.795") 9.25 320.75 25.40 352.77 CP6467-212PRME 21.2 (0.835") 14.00 SCALE 1:1 SHEET 1 OF 2 CP6467-218PRME 21.8 (0.858") 25.40 13.00 373.98 DRAWN T HARGRAVE-SMITH CP6467-224PRME 22.4 (0.882") 25.40 11.90 395.49 APPROVED CP6467-237PRME 25.40 439.51 23.7 (0.933") 9.25 CP6467-254PRME 26.99 DERIVED FROM 25.4 (1.000") 9.25 504.93 20 OPTIMUM PULL TYPE CYLINDER DESIGN MEANS THAT TO USE STANDARDS SEAL SIZES AND BORE SIZES, THERE WOULD BE A SLIGHT VARIATION FROM STANDARD CYLINDERS. THE SIZES WERE ALSO ADJUSTED TO CP6467 MASTER CYLINDER 24 GIVE EQUAL STEPS BETWEEN THE DIFFERENT SIZES. **CUSTOMER DRAWING** THE TABLE SHOWS THE MASTER CYLINDER PART NUMBERS AND A BORE SIZE THAT WOULD REFLECT A PUSH TYPE CYLINDER, THE CORRECTED BORE SIZE. THE PART NUMBER ALSO REFLECTS THE CYLINDER SIZE. DRG NO. CP6467-1CD

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OUTLET OPTION A 8.00 MIN **THREAD**

20.00

2

2 TYPES: CP6465-16 - 3/8"UNF CP6465-17 - M10x1.0-

GOODRIDGE SINGLE BANJO BOLT. Pt No. 992-03-31, M10x1.00 GOODRIDGE BANJO TO YOUR PREFERENCE.

ON THIS TUBE

OUTLET OPTION C

NO GASKET

REQUIRED

NO GASKET REQUIRED

GOODRIDGE, RIGHT ANGLE FITTING TO YOUR **PREFERENCE**

-GOODRIDGE, MALE TO MALE ADAPTOR M10x1.00 TO 3/8"UNF Pt No. 305-03-31

SCALE 1:1 DRAWN T HARGRAVE-SMITH MASTER CYLINDER APPROVED WITH CP6467-117 DERIVED FROM

SLEEVE FITTED

TITI F CP6467 MASTER CYLINDER

SHEET 2 OF 2

12

CUSTOMER DRAWING

DRG NO. CP6467-1CD