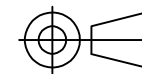
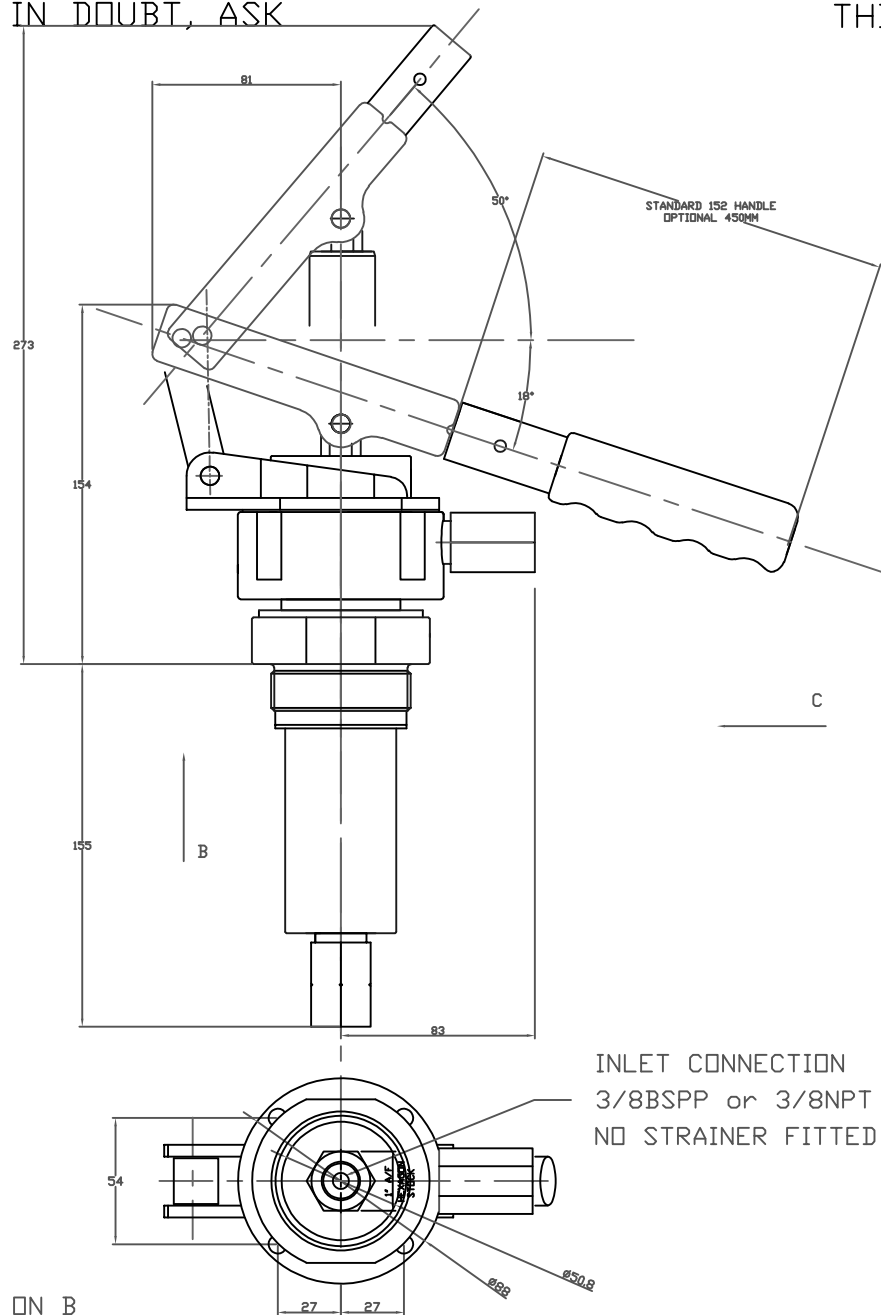


IF IN DOUBT, ASK

THIRD ANGLE PROJECTION

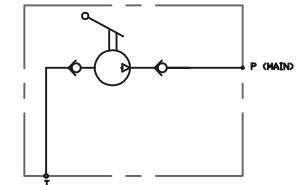


TOLERANCES UNLESS OTHERWISE STATED
GENERAL TOLERANCES RIGHT ANGLE BENDS &
NO DEC. PLACE $\pm 1.0\text{mm}$ OTHER ANGLES $\pm 1^\circ$
ONE DEC. PLACE $\pm 0.3\text{mm}$ MACHINED DIAMETERS
TWO DEC. PLACE $\pm 0.1\text{mm}$ CONCENTRIC WITHIN
 $\pm 0.1\text{mm}$ T.I.R.
SCREW THREADS ARE ISO METRIC COARSE PITCH
TOL. 6g/6h (MED. FIT) TO BS3643
WIRE DIA./PLATE THICKNESS TO COMMERCIAL LIMITS
GEOMETRICAL TOLERANCING TO BS308 PART 3



VIEW ON C
HANDLE REMOVED FOR CLARITY

HYDRAULIC CIRCUIT



OUTLET PORT
G3/8 FEMALE
OPTIONAL ALTERNATIVE THREADS

NOTES.

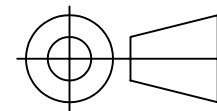
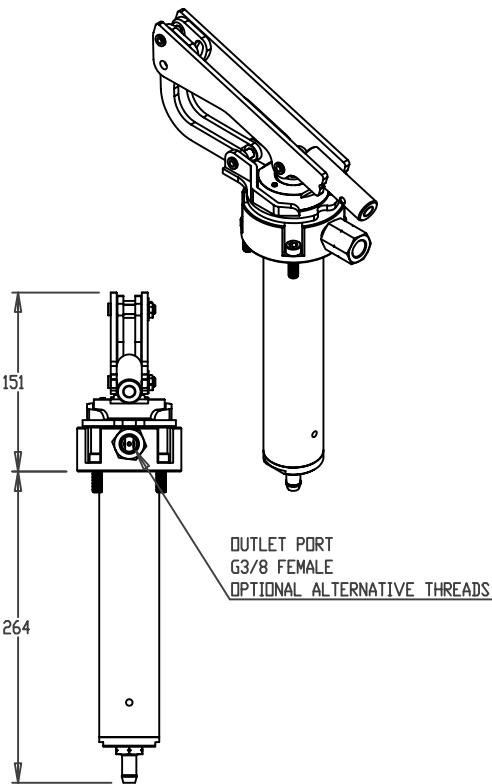
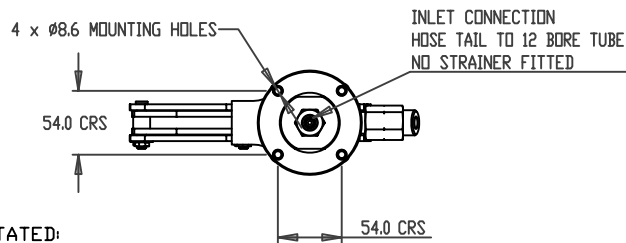
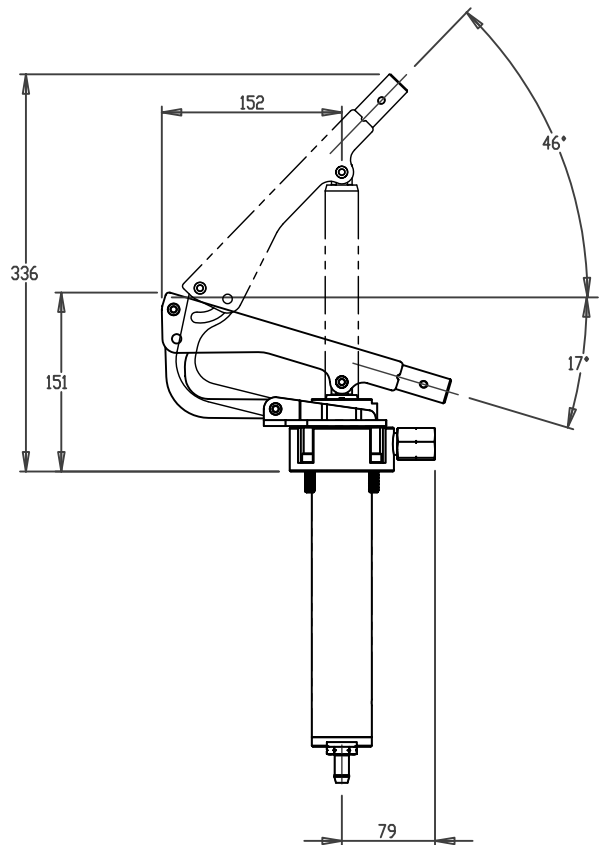
1. UNIT MANUFACTURED FROM SARUM HYDRAULICS MICRODAC PUMP COMPONENTS.
2. MATERIALS OF CONSTRUCTION;
BODY 316 STAINLESS
BARREL 316 STAINLESS
ALL OTHER WETTED PARTS 316 STAINLESS OR POLYMER
ACETAL, NYLON, PVC.
SEALS PTFE, NITRILE, UHMWP
3. DIMENSIONS IN MM
4. WORKING FLUID-WATER, OIL, POTABLE WATER
5. MASS 6KG
6. INLET CHECK VALVE-SOFT SEAT, REPLACEABLE SEAT
7. OUTLET CHECK VALVE- STAINLESS STEEL POPPET,
8. NO INLET STRAINER FITTED
9. DISPLACEMENT/PRESSURE 100CC TO 25 BAR SINGLE ACTING
10. FLOW RATE 3 LITRES/MINUTE AT 30 STROKES/MINUTE
11. 347000300 IS 100CC HAND PUMP
12. 418000100 IS 100CC HAND DRUM PUMP FITTED BRONZE CW307G 360° DRUM FITTING

VIEW ON B
HANDLE REMOVED FOR CLARITY

UNLESS OTHERWISE STATED
DIMENSIONS IN MILLIMETRES
SURFACE FINISH IN MICROMETRES
REMOVE SHARP EDGES

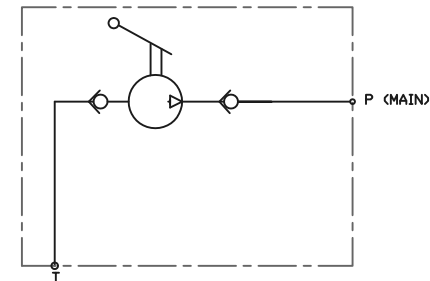
© COPYRIGHT 1999 SARUM HYDRAULICS LTD.				SARUM HYDRAULICS SARUM HYDRAULICS LTD. P.O. BOX 48, SALISBURY SP1 3YB TEL. 01722 328388 FAX. 01722 414307		DRAWN JGF		APP	
								CHKD	
						SCALE F SIZE		SHEET OF	
						CAD 2-D		418000100	
				TITLE		DRAWING NO.			
2				2111021		CHANGED HOSE TAIL TO 3/8BSP FEMALE		N.D 11/21	
1						FIRST ISSUE		04/14	
ISS.		D.C.N.		CHANGE DESCRIPTION & DATE		DATE IMPLEMENTED		MATERIAL PER NOTE	
								FINISH -	
								418000100	

IF IN DOUBT, ASK THIRD ANGLE PROJECTION



TOLERANCES UNLESS OTHERWISE STATED
GENERAL TOLERANCES RIGHT ANGLE BENDS &
NO DEC. PLACE +/-1.0mm OTHER ANGLES +/-1°
ONE DEC. PLACE +/-0.3mm MACHINED DIAMETERS
TWO DEC. PLACE +/-0.1mm CONCENTRIC WITHIN
+/-0.1mm T.I.R.
SCREW THREADS ARE ISO METRIC COARSE PITCH
TOL. 6g/6H (MED. FIT) TO BS3643
WIRE DIA./PLATE THICKNESS TO COMMERCIAL LIMITS
GEOMETRICAL TOLERANCING TO BS308 PART 3

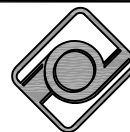
HYDRAULIC CIRCUIT



- NOTES.
1. UNIT MANUFACTURED FROM SARUM HYDRAULICS MICROPAC PUMP COMPONENTS.
 2. MATERIALS OF CONSTRUCTION;
BODY 316 STAINLESS
BARREL 316 STAINLESS
ALL OTHER WETTED PARTS 316 STAINLESS OR POLYMER
ACETAL, NYLON, PVC.
SEALS PTFE, NITRILE, UHMWP, VITON OPTIONAL
 3. DIMENSIONS IN MM
 4. WORKING FLUID-WATER, OIL, POTABLE WATER
 5. MASS 6KG
 6. INLET CHECK VALVE-SOFT SEAT, REPLACEABLE SEAT
 7. OUTLET CHECK VALVE- STAINLESS STEEL POPPET,
 8. NO INLET STRAINER FITTED
 9. DISPLACEMENT/PRESSURE 200CC TO 10 BAR SINGLE ACTING
 10. FLOW RATE 6 LITRES/MINUTE AT 30 STROKES/MINUTE
 11. 347000300 IS 100CC HAND PUMP
 12. HANDLE LOAD AT 10 BAR USING 150MM HANDLE IS 636N
HANDLE LOAD AT 10 BAR USING 450MM HANDLE IS 212N

UNLESS OTHERWISE STATED:
DIMENSIONS IN MILLIMETRES
SURFACE FINISH IN MICROMETRES
REMOVE SHARP EDGES

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SARUM HYDRAULICS LTD.

SALISBURY, SP4 6EB, UK
www.sarum-hydraulics.co.uk

TITLE

INST DRAWING: MB-200cc LP PUMP

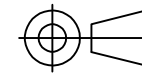
MATERIAL PER NOTES

FINISH PER NOTES

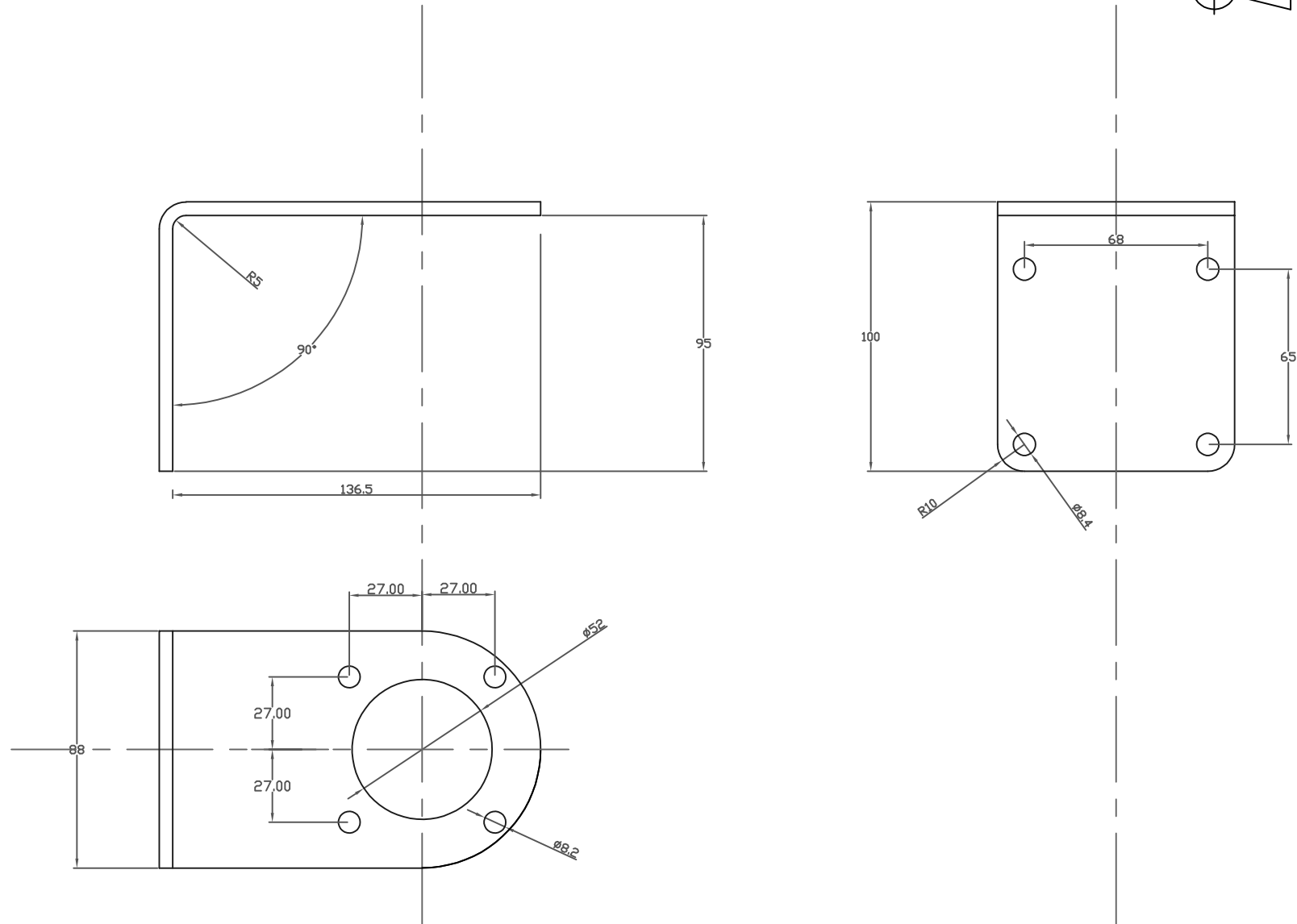
DRAWN NATO	ISSUED NO
	CHKD --
SCALE F SIZE	SHEET 1 OF 1
CAD 2-D	487000100
DRAWING NO.	487000100

1		FIRST ISSUE	01/25
ISSUE	D.C.N.	CHANGE DESCRIPTION & DATE	DATE IMPLEMENTED

THIRD ANGLE PROJECTION



TOLERANCES UNLESS GENERAL TOLERANCES NO DEC. PLACE $\pm .10mm$ ONE DEC. PLACE $\pm .03mm$ TWO DEC. PLACE $\pm .01mm$ SCREW THREADS ARE ISO METRIC COARSE PITCH TOL. 6g/6H (MED. FIT) TO B3643 WIRE DIA./PLATE THICKNESS TO COMMERCIAL LIMITS GEOMETRICAL TOLERANCING TO B5308 PART 3	OTHERWISE STATED RIGHT ANGLE BENDS & OTHER ANGLES $\pm 1^\circ$ MACHINED DIAMETERS CONCENTRIC WITHIN $\pm .01mm$ T.I.R.
--	--



UNLESS OTHERWISE STATED:
DIMENSIONS IN MILLIMETRES
SURFACE FINISH IN MICROMETRES
REMOVE SHARP EDGES

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				TITLE BRACKET 316		SCALE F SIZE SHEET OF CAD 2-D 347012000	
1				FIRST ISSUE		08/15	
ISS.				D.C.N.		CHANGE DESCRIPTION & DATE	
				DATE IMPLEMENTED		FINISH CLEAN, NO DAMAGE	
						DRAWING NO. 347012000	