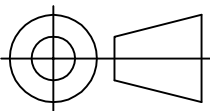
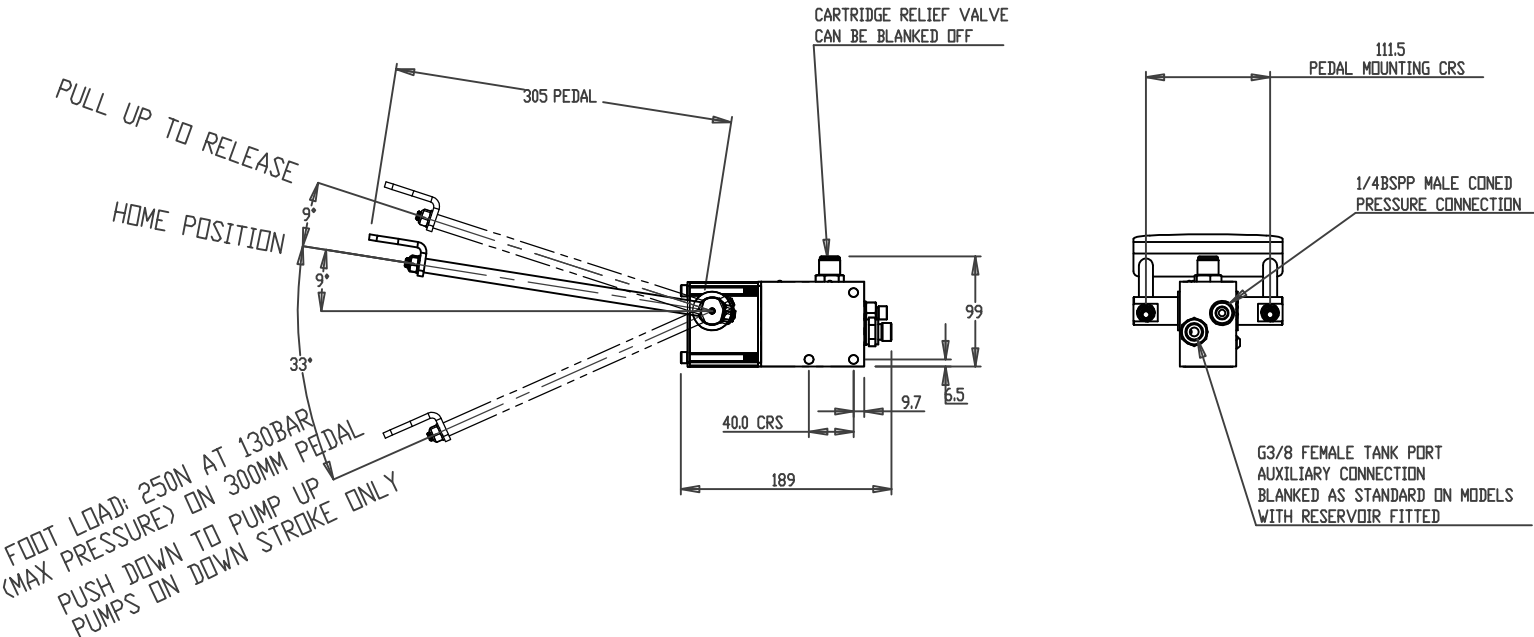
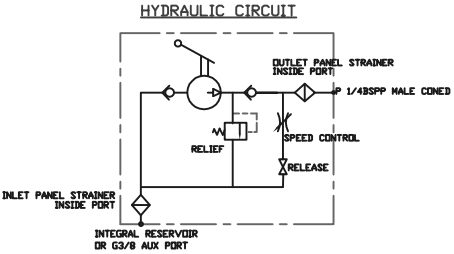
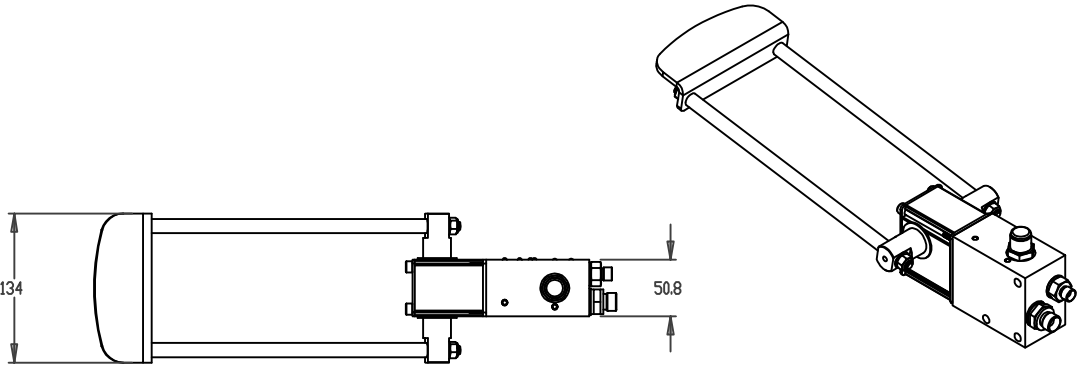


IF IN DOUBT, ASK THIRD ANGLE PROJECTION



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



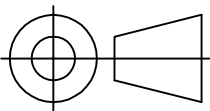
- NOTES:
- 1) DISPLACEMENT IS 3.2CC OF FLUID PER DOUBLE STROKE (UP & DOWN ON THE PEDAL)
 - 2) MATERIALS OF CONSTRUCTION:
ALUMINIUM ALLOY 6082T6
PLATED STEEL
STAINLESS STEEL
SELF COLOUR STEEL SCREWS
 - 3) INLET PANEL STRAINER FITTED IN 3/8 TANK PORT
 - 4) BALL TYPE OUTLET CHECK VALVE
 - 5) PEDAL FITTED, ARC OF MOVEMENT PER NOTE
 - 6) OPTIONAL ADJUSTABLE RELIEF VALVE PER NOTE
 - 7) OPTIONAL INTEGRAL RESERVOIRS. THIS MODEL HAS NO RESERVOIR. OTHER OPTIONS AVAILABLE, SEE DATASHEET
 - 8) SEAL MATERIAL: NITRILE, PTFE, FILLED PTFE, UHMW STANDARD.
 - 9) TEMPERATURE RANGE -30 TO $+80$ DEG C
 - 10) MASS 3.5KG APPROX. INCL PEDAL, DRY
 - 11) SYSTEM DESIGN, INSTALLATION, USE AND MAINTENANCE IN ACCORDANCE WITH STATUTORY AND OTHER REQUIREMENTS
 - 12) SPECIFICATION MAY BE SUBJECT TO REVISION

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

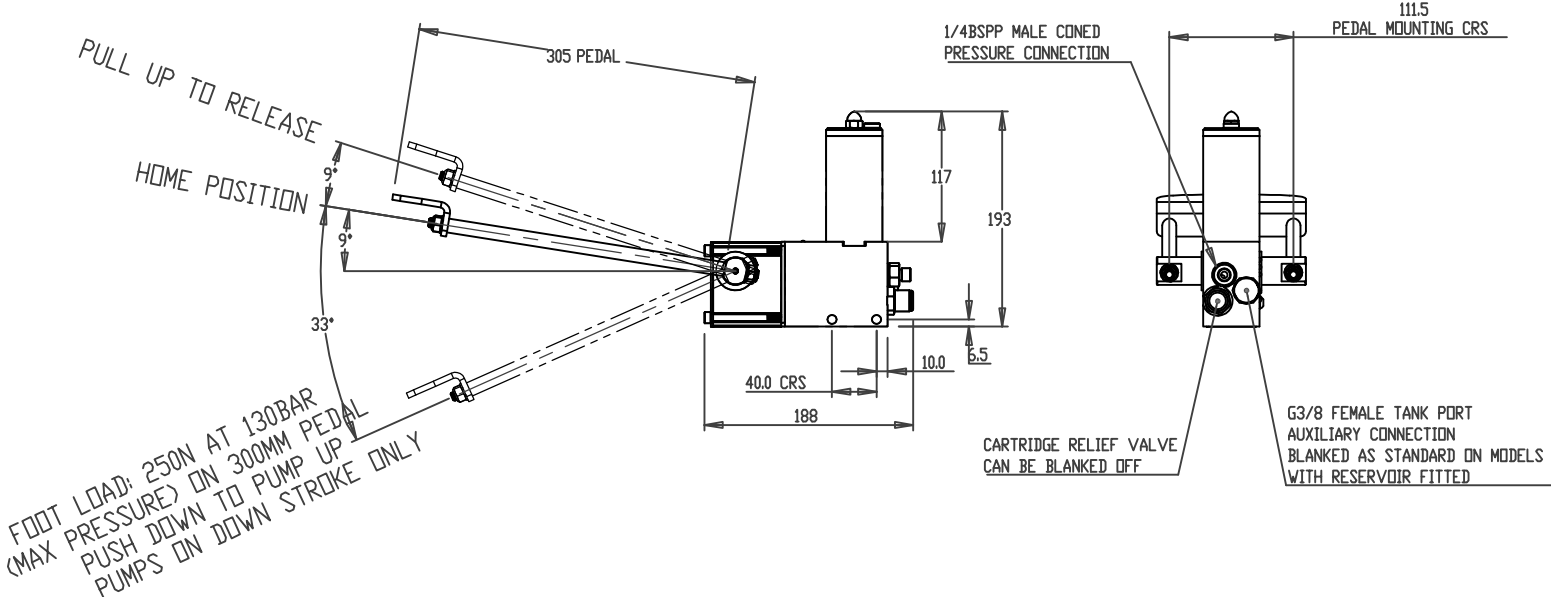
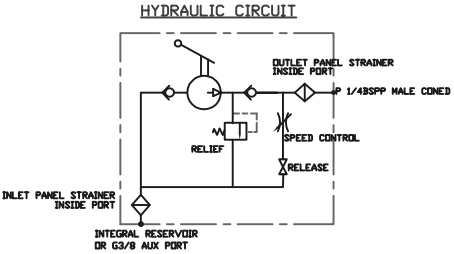
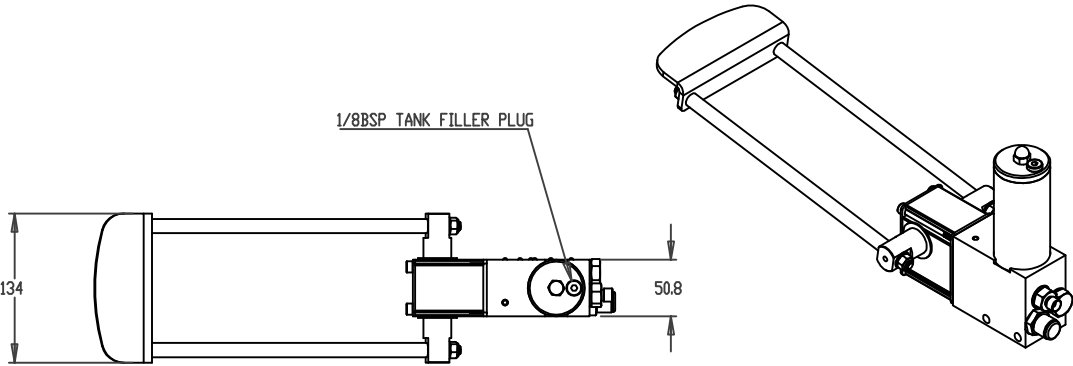
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 SARUM HYDRAULICS LTD. SALISBURY, SP4 6EB, UK www.sarum-hydraulics.co.uk				DRAWN	NATO	APP
						CHKD
				SCALE	F SIZE	SHEET OF
				CAD	2-D	MK-N-R / 522 DIR
TITLE INST DG. MICROPAC FOOT PUMP, PUMP MODULE				DRAWING NO.		
				MK-N-R		
1		FIRST ISSUE	04/24	MATERIAL PER NOTES		
ISSUE	D.C.N.	CHANGE DESCRIPTION & DATE	DATE IMPLEMENTED	FINISH --		

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



- NOTES:
- 1) DISPLACEMENT IS 3.2CC OF FLUID PER DOUBLE STROKE (UP & DOWN ON THE PEDAL)
 - 2) MATERIALS OF CONSTRUCTION:
ALUMINIUM ALLOY 6082T6
PLATED STEEL
STAINLESS STEEL
SELF COLOUR STEEL SCREWS
 - 3) INLET PANEL STRAINER FITTED IN 3/8 TANK PORT
 - 4) BALL TYPE OUTLET CHECK VALVE
 - 5) PEDAL FITTED, ARC OF MOVEMENT PER NOTE
 - 6) OPTIONAL ADJUSTABLE RELIEF VALVE PER NOTE
 - 7) OPTIONAL INTEGRAL RESERVOIRS. THIS MODEL 150cc NOMINAL CAPACITY. OTHER OPTIONS AVAILABLE, SEE DATASHEET
 - 8) SEAL MATERIAL: NITRILE, PTFE, FILLED PTFE, UHMWP STANDARD.
 - 9) TEMPERATURE RANGE -30 TO +80 DEG C
 - 10) MASS 3.5KG APPROX. INCL PEDAL, DRY
 - 11) SYSTEM DESIGN, INSTALLATION, USE AND MAINTENANCE IN ACCORDANCE WITH STATUTORY AND OTHER REQUIREMENTS
 - 12) SPECIFICATION MAY BE SUBJECT TO REVISION

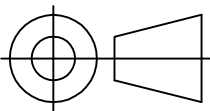
UNLESS OTHERWISE STATED:
DIMENSIONS IN MILLIMETRES
SURFACE FINISH IN MICROMETRES
REMOVE SHARP EDGES

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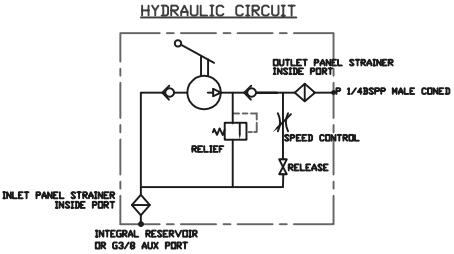
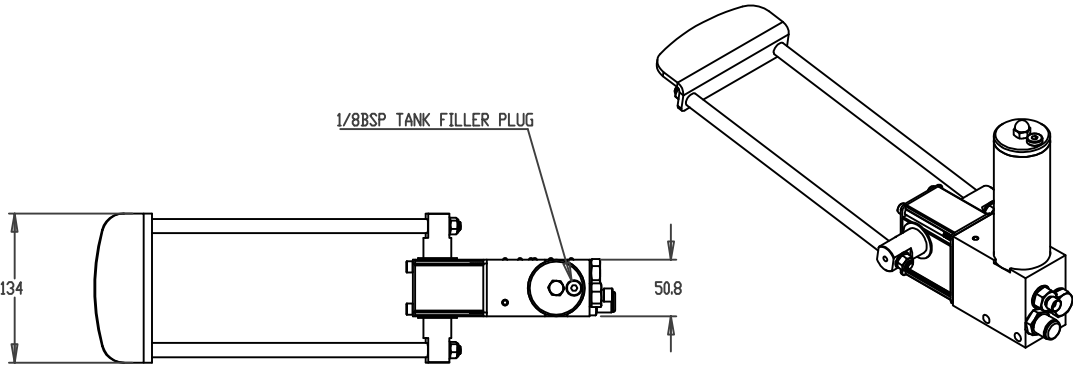
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								CHKD				
					SCALE		F	SIZE	SHEET	OF		
					CAD 2-D						MK-1-R / 522	DIR
					DRAWING NO.						MK-1-R	
				TITLE								
				INST DG. MICROPAC FOOT PUMP, INTEGRAL RESERVOIR								
				MATERIAL PER NOTES								
1			FIRST ISSUE	04/24	FINISH --							
ISSUE	D.C.N.		CHANGE DESCRIPTION & DATE	DATE IMPLEMENTED								

MK-1-R

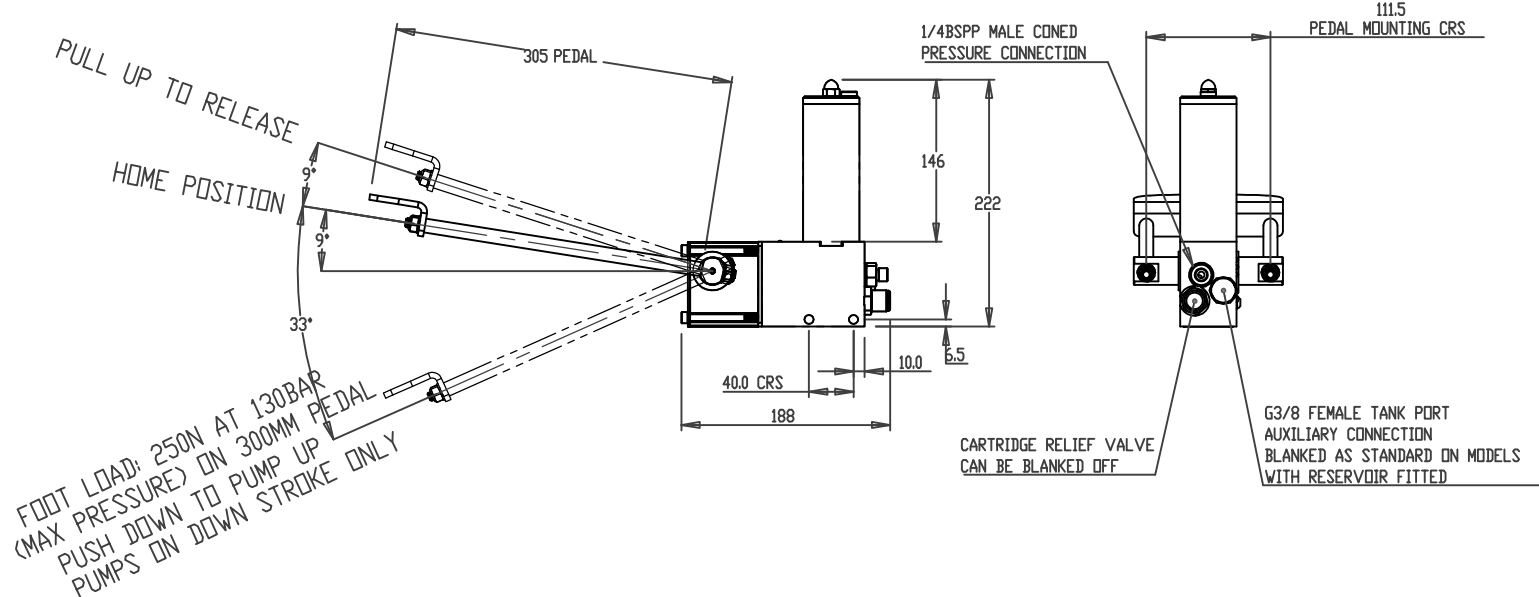
IF IN DOUBT, ASK THIRD ANGLE PROJECTION



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

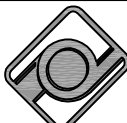


- NOTES:
- 1) DISPLACEMENT IS 3.2CC OF FLUID PER DOUBLE STROKE (UP & DOWN ON THE PEDAL)
 - 2) MATERIALS OF CONSTRUCTION:
ALUMINIUM ALLOY 6082T6
PLATED STEEL
STAINLESS STEEL
SELF COLOUR STEEL SCREWS
 - 3) INLET PANEL STRAINER FITTED IN 3/8 TANK PORT
 - 4) BALL TYPE OUTLET CHECK VALVE
 - 5) PEDAL FITTED, ARC OF MOVEMENT PER NOTE
 - 6) OPTIONAL ADJUSTABLE RELIEF VALVE PER NOTE
 - 7) OPTIONAL INTEGRAL RESERVOIRS. THIS MODEL 200cc NOMINAL CAPACITY. OTHER OPTIONS AVAILABLE, SEE DATASHEET
 - 8) SEAL MATERIAL: NITRILE, PTFE, FILLED PTFE, UHMWP STANDARD.
 - 9) TEMPERATURE RANGE -30 TO $+80$ DEG C
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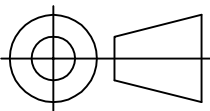


UNLESS OTHERWISE STATED:
DIMENSIONS IN MILLIMETRES
SURFACE FINISH IN MICROMETRES
REMOVE SHARP EDGES

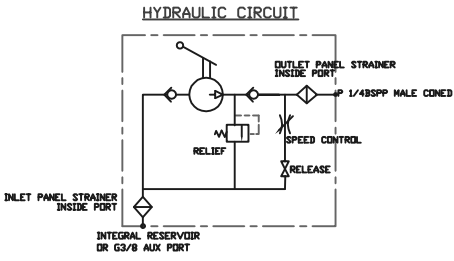
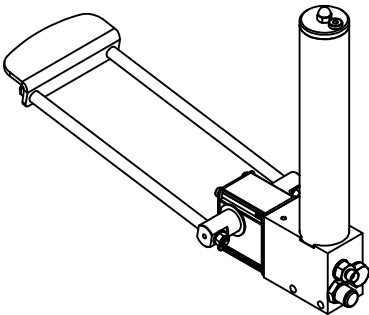
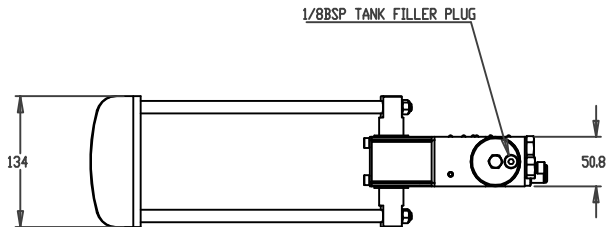
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					SARUM HYDRAULICS LTD. SALISBURY, SP4 6EB, UK www.sarum-hydraulics.co.uk	DRAWN		NATO	APP		
								CHKD			
								SCALE	F SIZE	SHEET	OF
								CAD 2-D MK-2-R / 522 DIR			
				TITLE		DRAWING NO.					
				INST DG. MICROPAC FOOT PUMP, INTEGRAL RESERVOIR		MK-2-R					
				MATERIAL PER NOTES							
				FINISH --							
1		FIRST ISSUE	04/24								
ISSUE	D.C.N.	CHANGE DESCRIPTION & DATE	DATE IMPLEMENTED								

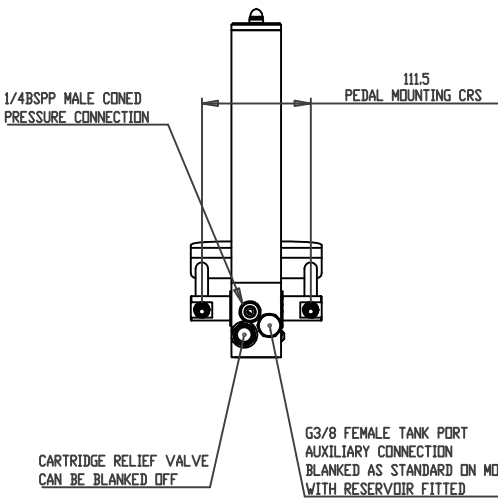
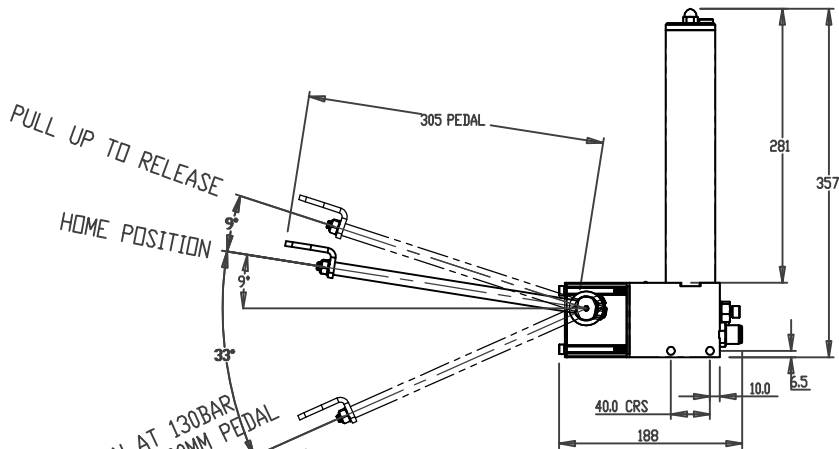
IF IN DOUBT, ASK THIRD ANGLE PROJECTION



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



- NOTES:
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PLATED STEEL
STAINLESS STEEL
SELF COLOUR STEEL SCREWS
 - 3) INLET PANEL STRAINER FITTED IN 3/8 TANK PORT
 - 4) BALL TYPE OUTLET CHECK VALVE
 - 5) PEDAL FITTED, ARC OF MOVEMENT PER NOTE
 - 6) OPTIONAL ADJUSTABLE RELIEF VALVE PER NOTE
 - 7) OPTIONAL INTEGRAL RESERVOIRS. THIS MODEL 400cc NOMINAL CAPACITY. OTHER OPTIONS AVAILABLE, SEE DATASHEET
 - 8) SEAL MATERIAL: NITRILE, PTFE, FILLED PTFE, UHMW STANDARD.
 - 9) TEMPERATURE RANGE -30 TO $+80$ DEG C
 - 10) MASS 3.5KG APPROX. INCL PEDAL, DRY
 - 11) SYSTEM DESIGN, INSTALLATION, USE AND MAINTENANCE IN ACCORDANCE WITH STATUTORY AND OTHER REQUIREMENTS
 - 12) SPECIFICATION MAY BE SUBJECT TO REVISION



PULL UP TO RELEASE
HOME POSITION
FOOT LOAD: 250N AT 130BAR
(MAX PRESSURE) ON 300MM PEDAL
PUSH DOWN TO PUMP UP
PUMPS ON DOWN STROKE ONLY

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

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TITLE
INST DG. MICROPAC FOOT PUMP, INTEGRAL RESERVOIR

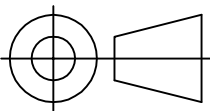
MATERIAL PER NOTES

FINISH --

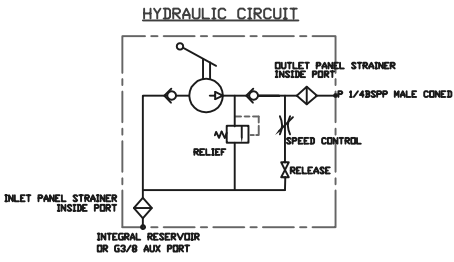
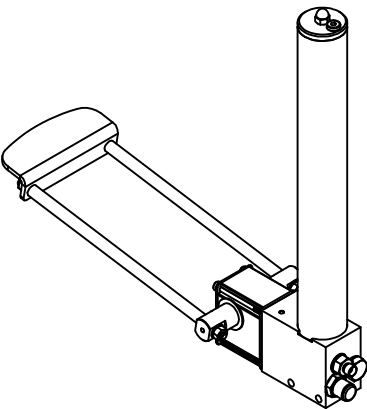
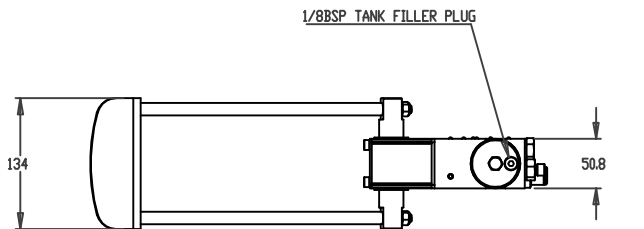
DRAWN	NATO	APP
		CHKD
SCALE	F SIZE	SHEET OF
CAD	2-D	MK-4-R / 522 DIR
DRAWING NO.	MK-4-R	

1		FIRST ISSUE	04/24
ISSUE	D.C.N.	CHANGE DESCRIPTION & DATE	DATE IMPLEMENTED

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



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ALUMINIUM ALLOY 6082T6
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STAINLESS STEEL
SELF COLOUR STEEL SCREWS
 - 3) INLET PANEL STRAINER FITTED IN 3/8 TANK PORT
 - 4) BALL TYPE OUTLET CHECK VALVE
 - 5) PEDAL FITTED, ARC OF MOVEMENT PER NOTE
 - 6) OPTIONAL ADJUSTABLE RELIEF VALVE PER NOTE
 - 7) OPTIONAL INTEGRAL RESERVOIRS. THIS MODEL 600cc NOMINAL CAPACITY. OTHER OPTIONS AVAILABLE, SEE DATASHEET
 - 8) SEAL MATERIAL: NITRILE, PTFE, FILLED PTFE, UHMW STANDARD.
 - 9) TEMPERATURE RANGE -30 TO +80 DEG C
 - 10) MASS 3.5KG APPROX. INCL PEDAL, DRY
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PULL UP TO RELEASE
HOME POSITION
FOOT LOAD: 250N AT 130BAR
(MAX PRESSURE) ON 300MM PEDAL
PUSH DOWN TO PUMP UP
PUMPS ON DOWN STROKE ONLY

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

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TITLE
INST DG. MICROPAC FOOT PUMP, INTEGRAL RESERVOIR

MATERIAL PER NOTES

FINISH --

DRAWN	NATO	APP
		CHKD
SCALE	F SIZE	SHEET OF
CAD	2-D	MK-6-R / 522 DIR
DRAWING NO.	MK-6-R	

1		FIRST ISSUE	04/24
ISSUE	D.C.N.	CHANGE DESCRIPTION & DATE	DATE IMPLEMENTED