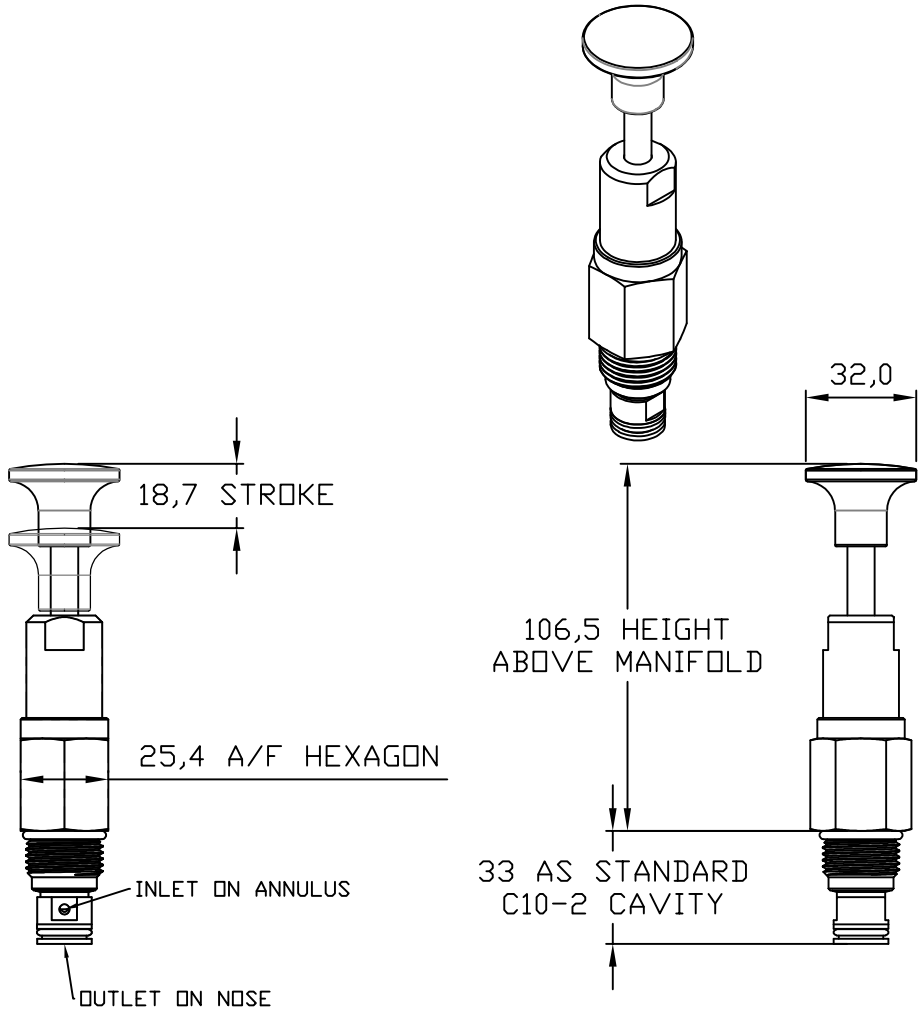
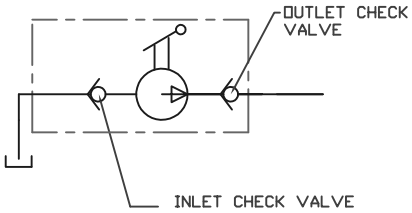
IF IN DOUBT, ASK THIRD ANGLE PROJECTION

TOLERANCES UNLESS OTHERWISE STATED
GENERAL TOLERANCES
NO DEC. PLACE +/-1.0mm
ONE DEC. PLACE +/-0.3mm
TWO DEC. PLACE +/-0.1mm
RIGHT ANGLE BENDS & OTHER ANGLES +/-1°
MACHINED DIAMETERS 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



CIRCUIT DIAGRAM



NOTES
1. CARTRIDGE PUMP TO FIT C10-2
   STANDARD CAVITY (2 PORT),
   7/8-14 UNF THREAD DRG SHL 990000100
   NOTE: THIS MODEL PRESSURE ON NOSE, INLET ON ANNULUS
2. WORKING PRESSURE 50 BAR
3. FLUID- MINERAL OIL
4. DISPLACEMENT 1.3 cm3/STROKE
   SINGLE ACTING- PRESSURE ON DOWN STROKE ONLY
5. INLET PATH TO BE SHORT AND UNCONSTRICTED
6. DIMENSIONS IN mm
7. MATERIALS OF CONSTRUCTION:
   STEEL BS970
   PISTON ROD NITROTEC EN19T
   ALUMINIUM 6082T6 BS1474
   REINFORCED POLYAMIDE KNOB
8. FINISH- BRIGHT ZINC PLATE/ COLOUR PASS./PHOSPHATE
   CLEAR ANODISING
   NITROTEC
9. SEAL MATERIAL- NITRILE/PTFE.
   CONSULT FACTORY FOR ALTERNATIVE COMPOUNDS.
10. TEMP RANGE -30DEG C TO 120 DEG C
11. MASS 0.4 KG EST.
12. MEMO- DRAWING ALSO 510000100
13. HAND LOAD AT 50BAR = 355N
14. CATALOGUE CODE BREAKDOWN:
    TM= C10-2 CARTRIDGE PUMP WITH PRESSURE ON NOSE, TANK ON ANNULUS
    -A ALLOY/STEEL CONSTRUCTION
    -13 1.3cc/STROKE. PUMPS ON DOWN STROKE ONLY.
    -K KNOB HANDLE
    -N NITRILE SEALS, OPTIONS AVAILABLE - CONSULT FACTORY
    -O TESTED ON MINERAL OIL
    -N NO RELIEF VALVE

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

ISSUE	D.C.N.	CHANGE DESCRIPTION & DATE	DATE IMPLEMENTED
1		FIRST ISSUE	11/21

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

TITLE
INSTALLATION DRAWING: TM-A-13-K CARTRIDGE PUMP

MATERIAL PER NOTES
FINISH PER NOTES

DRAWN NO	APP
	CHKD
SCALE F SIZE	SHEET OF
CAD 2-D 510000100 / TM-A-13-K	

DRAWING NO.
TM-A-13-K