

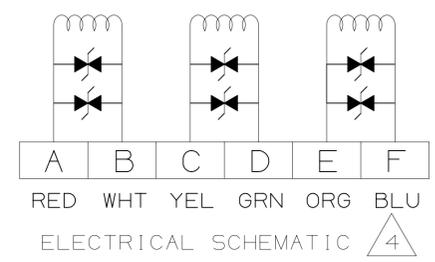
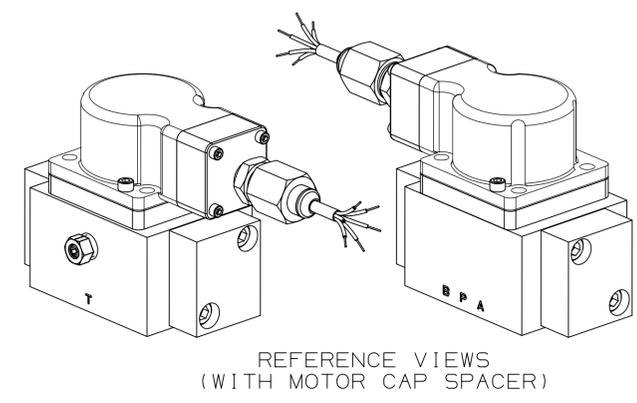
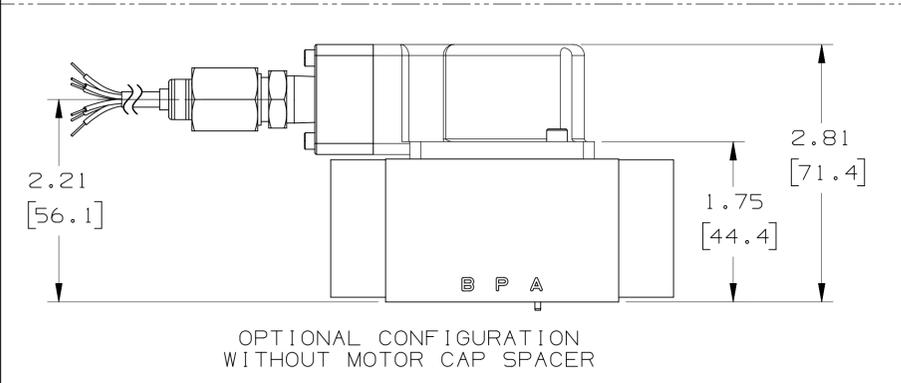
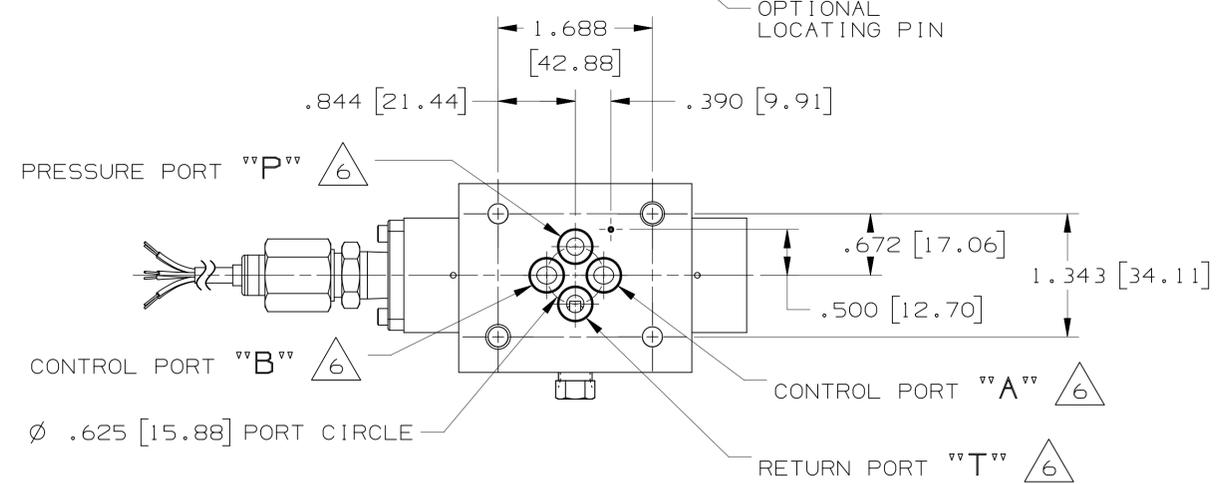
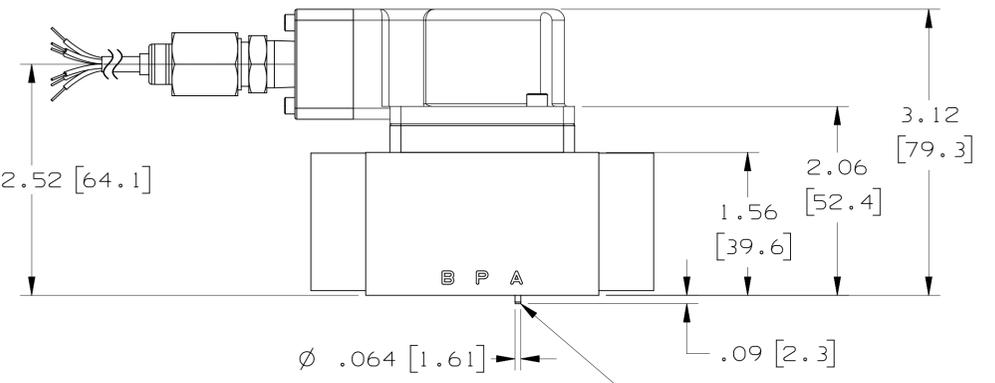
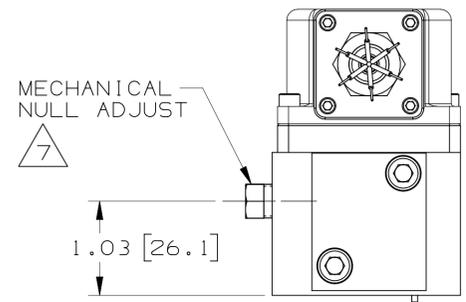
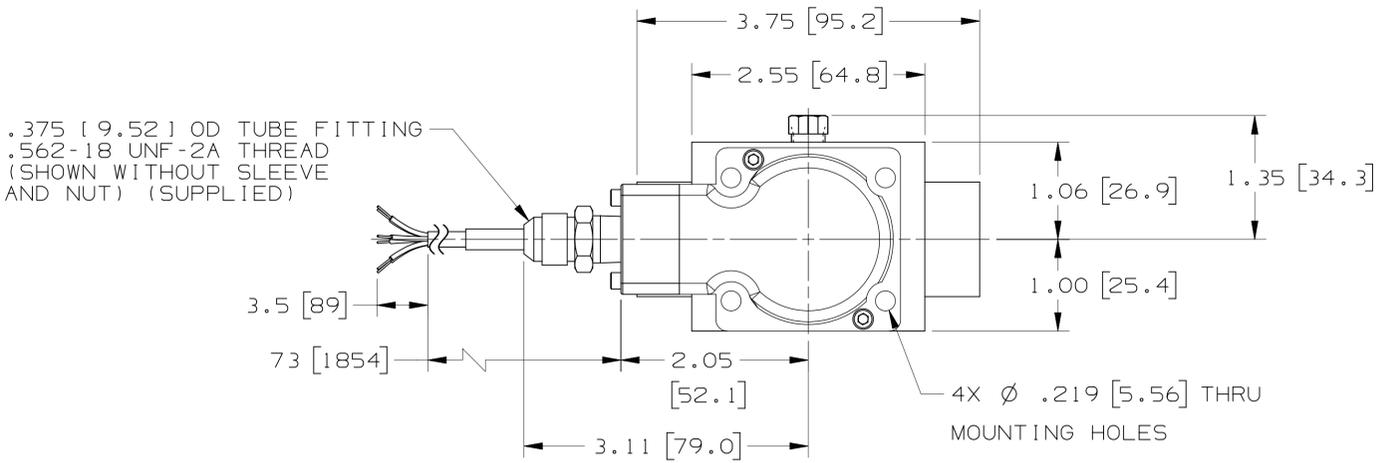
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DWG. NO. A55206		REV. 5H		1	
REVISIONS					
ZONE	REV	DESCRIPTION	DATE	APPROVED	
L	SEE CN 11083		20220927	RCT/NWR	

NOTES:

- FLUID:
  - TYPE: INDUSTRIAL TYPE PETROLEUM BASE HYDRAULIC FLUID.
  - RECOMMENDED VISCOSITY RANGE AT 100°F [38°C]: 10 TO 97 mm<sup>2</sup>/s (cSt).
  - CLEANLINESS LEVEL PER ISO 4406:
    - NORMAL LIFE: 17/14/11
    - LONG LIFE: 15/13/10
- STANDARD TEMPERATURE RANGE: -20°F TO +275°F [-29°C TO +135°C].
- MAXIMUM OPERATING PRESSURE: 3000 PSI [210 bar].
- POLARITY OPERATION: FLOW OUT CONTROL PORT "A" WHEN:
  - SERIES: RED + BLUE -, WHITE & YELLOW TIED, GREEN & ORANGE TIED
  - PARALLEL: RED & YELLOW & ORANGE TIED +, WHITE & GREEN & BLUE TIED -
  - SINGLE: RED + WHITE -, OR YELLOW + GREEN -, OR ORANGE + BLUE -
- DIMENSIONS ARE FOR REFERENCE ONLY. DIMENSIONS IN BRACKETS ( ) ARE IN MILLIMETERS.
- PORTS P, T, A, B:
  - ∅ .377 [9.58] ∇ .052 [1.32]
  - O-RINGS: .239 [6.07] I.D. X .070 [1.78] CROSS SECTION (UNIVERSAL SIZE -O10)
- FOR INFORMATION/INSTRUCTION ON NULL ADJUSTMENT REFER TO: "x77xK SERIES INSTALLATION AND OPERATION INSTRUCTION" (CDS6768), AVAILABLE ON [www.moog.com/installation](http://www.moog.com/installation).
- SURFACE TO WHICH VALVE IS MOUNTED REQUIRES  $\sqrt{0.8}$ ,  $\square .001 [0.025]$ .
- SUGGESTED MOUNTING SCREWS:
  - WITH MOTOR CAP SPACER: .190-32 X 2.50 LONG [M5 X 60 LONG] SOCKET HEAD CAP SCREWS.
  - WITHOUT MOTOR CAP SPACER: .190-32 X 2.18 LONG [M5 X 55 LONG] SOCKET HEAD CAP SCREWS.
- FOR ACCESSORIES AND SPARE PARTS SEE x77x SERIES CATALOG (CDL6651) AVAILABLE ON [www.moog.com/installation](http://www.moog.com/installation).
- APPROVED BY FM APPROVALS AS INTRINSICALLY SAFE FOR CLASS I, II, AND III, DIVISION 1, GROUPS A THROUGH G T3, AND NONINCENDIVE FOR CLASS I, DIVISION 2, GROUPS A, B, C, AND D T3A, REFER TO MOOG CONTROL DRAWING FOR SPECIFIC APPROVAL PARAMETERS. SEE VALVE NAMEPLATE FOR COIL PART NUMBER.
- APPROVED BY DEKRA CERTIFICATION B.V. FOR ATEX AND IECEx AS Ex ia IIB/IIC T4 Gc FOR CATEGORY 1G, Ex ia IIB/IIC T3 or T4 Gc FOR CATEGORY 2G, AND Ex ec IIc T3 or T4 Gc FOR CATEGORY 3G. REFER TO MOOG CONTROL DRAWING G4400 FOR SPECIFIC APPROVAL PARAMETERS. SEE VALVE NAMEPLATE FOR COIL PART NUMBER.
- APPROVED BY CSA AS Ex ia IIC/IIB T3. REFER TO MOOG CONTROL DRAWING G4400 FOR SPECIFIC APPROVAL PARAMETERS. SEE VALVE NAMEPLATE FOR COIL PART NUMBER. VALVES WITH AN INTEGRAL CONDUIT ELECTRICAL CONNECTION APPROVED BY CSA AS CLASS I, DIVISION 2, GROUPS A, B, C, AND D.



CONTRACT NO.			MOOG INC.		
PREPARED	L. REBOY	3/24/83	MOOG INC., EAST AURORA, NY 14052		
CHECKED	M. WANTUCK	4/5/83	TITLE		
MGR ENGR	CEA	4/15/83	INSTALLATION, SERVO VALVE, X77IK SERIES		
DES ENGR			SIZE	CAGE CODE	DWG NO.
PRD ENGR			D	94697	A55206
APL ENGR			SCALE	1/1	WT
MFG			SHEET 1 OF 1		
QUAL	GRB	4/26/83	UNIGRAPHICS DATA BASE		