

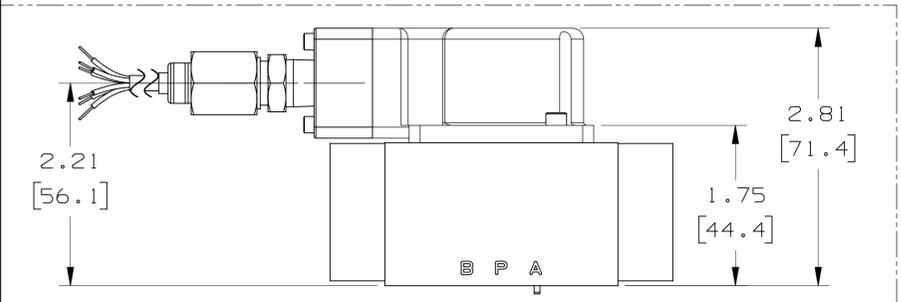
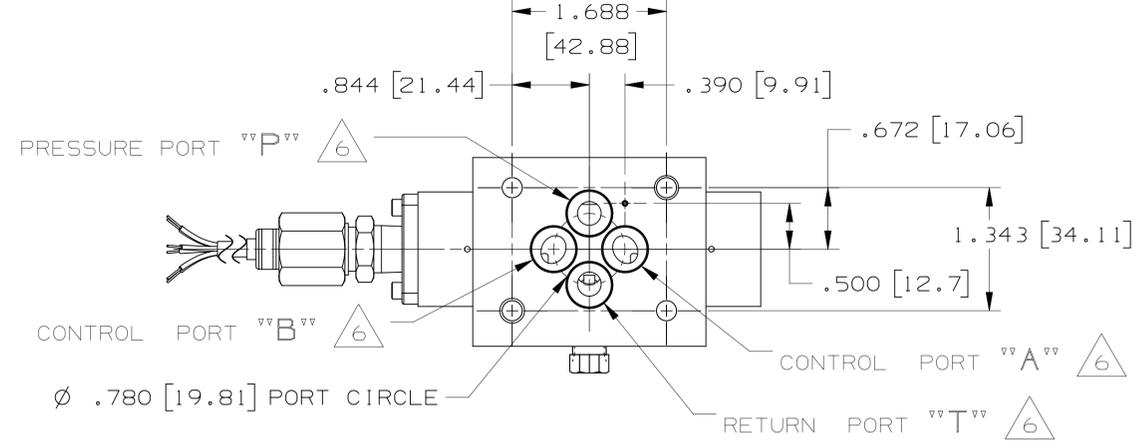
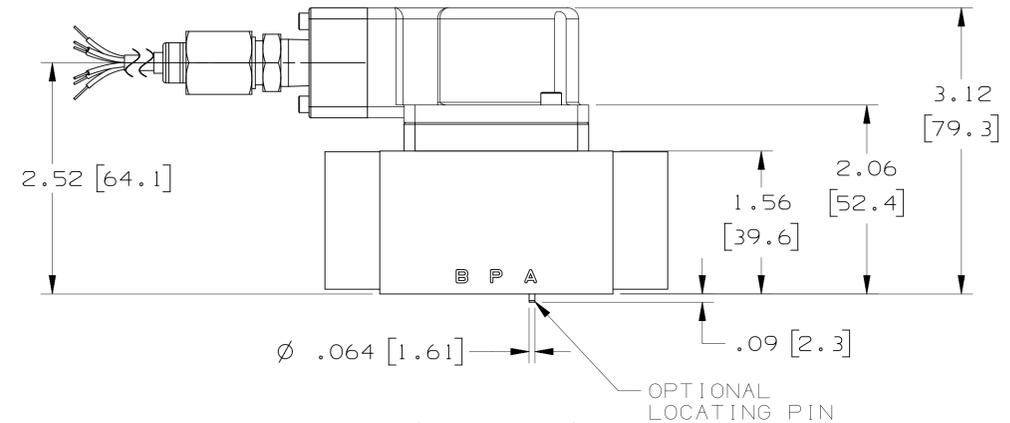
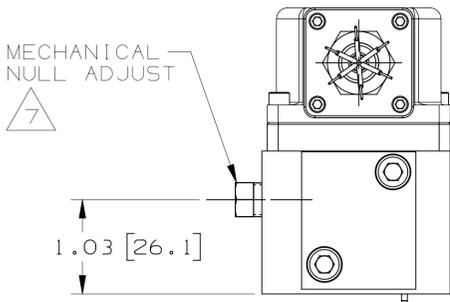
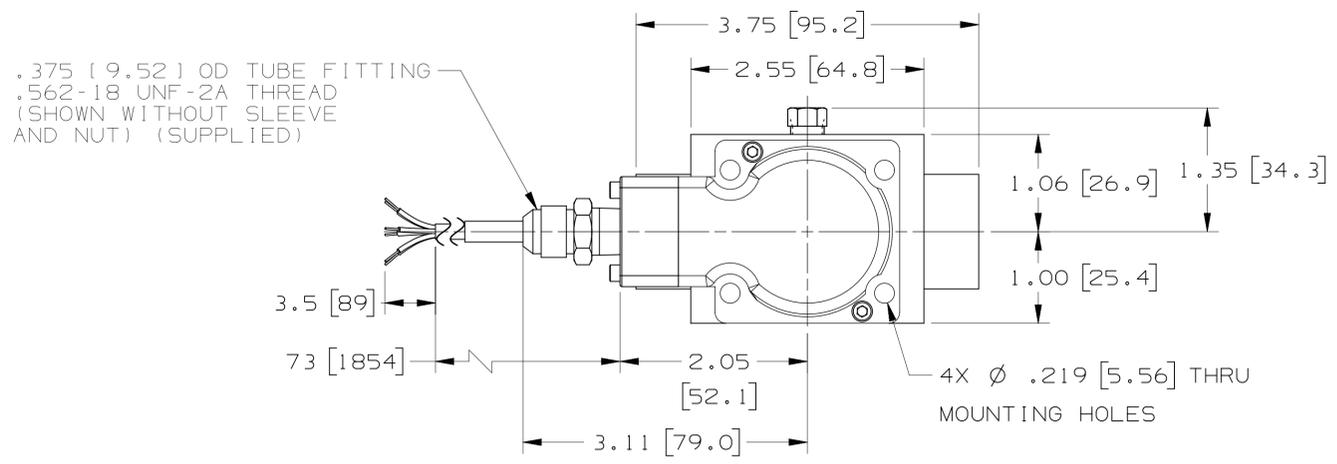
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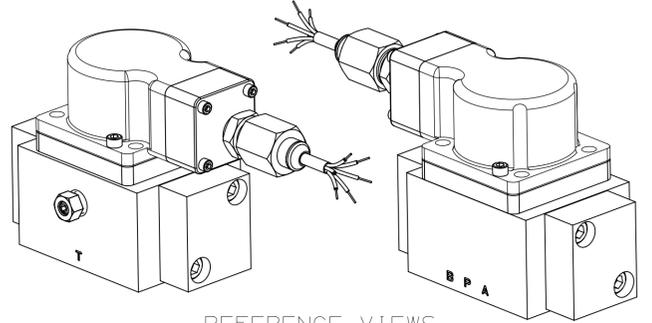
DWG. NO. A55207		REV. 5H	
REVISIONS			
ZONE	REV	DESCRIPTION	DATE
	G	SEE EO UE1075270	20220727
			APPROVED RCT/NWR

NOTES:

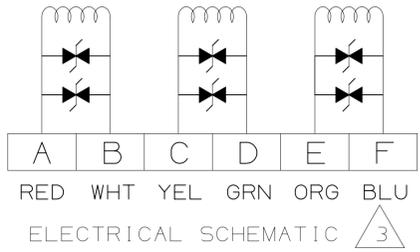
- FLUID:  
TYPE: INDUSTRIAL TYPE PETROLEUM BASE HYDRAULIC FLUID.  
RECOMMENDED VISCOSITY RANGE AT 100°F [38°C]: 10 TO 97 mm<sup>2</sup>/s (cSt).  
CLEANLINESS LEVEL PER ISO 4406:  
NORMAL LIFE: 17/14/11  
LONG LIFE: 15/13/10
- STANDARD TEMPERATURE RANGE: -20°F TO +275°F [-29°C TO +135°C].
- MAXIMUM OPERATING 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:  
□ ∅ .502 [12.74] ∇ .052 [1.32]  
O-RINGS: .364 [9.24] I.D. X .070 [1.78] CROSS SECTION  
(UNIVERSAL SIZE -012)
- 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  $\sqrt{.001 [0.025]}$  AND  $\sqrt{.001 [0.025]}$ .
- 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.
- 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 Gb 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.



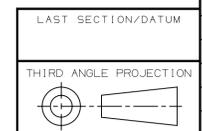
OPTIONAL CONFIGURATION WITHOUT MOTOR CAP SPACER



REFERENCE VIEWS (WITH MOTOR CAP SPACER)



ELECTRICAL SCHEMATIC



CONTRACT NO.		MOOG INC.	
PREPARED	L. REBOY	3/24/83	MOOG INC., EAST AURORA, NY 14052
CHECKED	M. WANTUCK	4/5/83	
MGR ENGR	CEA	4/15/83	
DES ENGR			TITLE INSTALLATION, SERVO VALVE, X772K SERIES
PRD ENGR			
APL ENGR			SIZE
MFG			CAGE CODE
GUAL		GRB	4/26/83
			DWG NO.
			A55207
			SCALE
			1/1
			WT
			SHEET
			1 OF 1