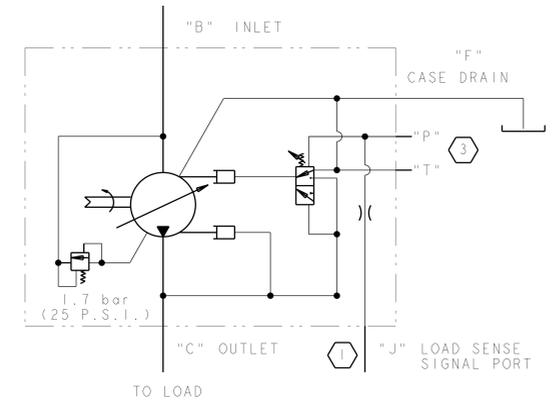
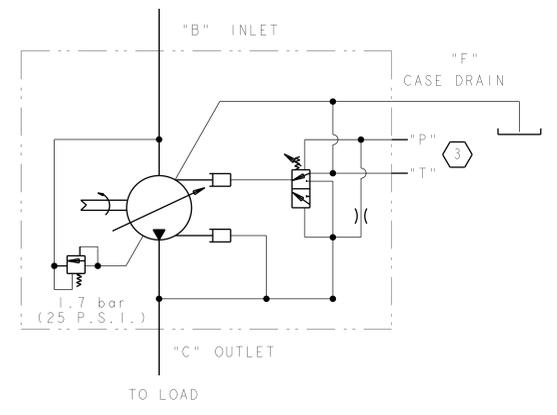


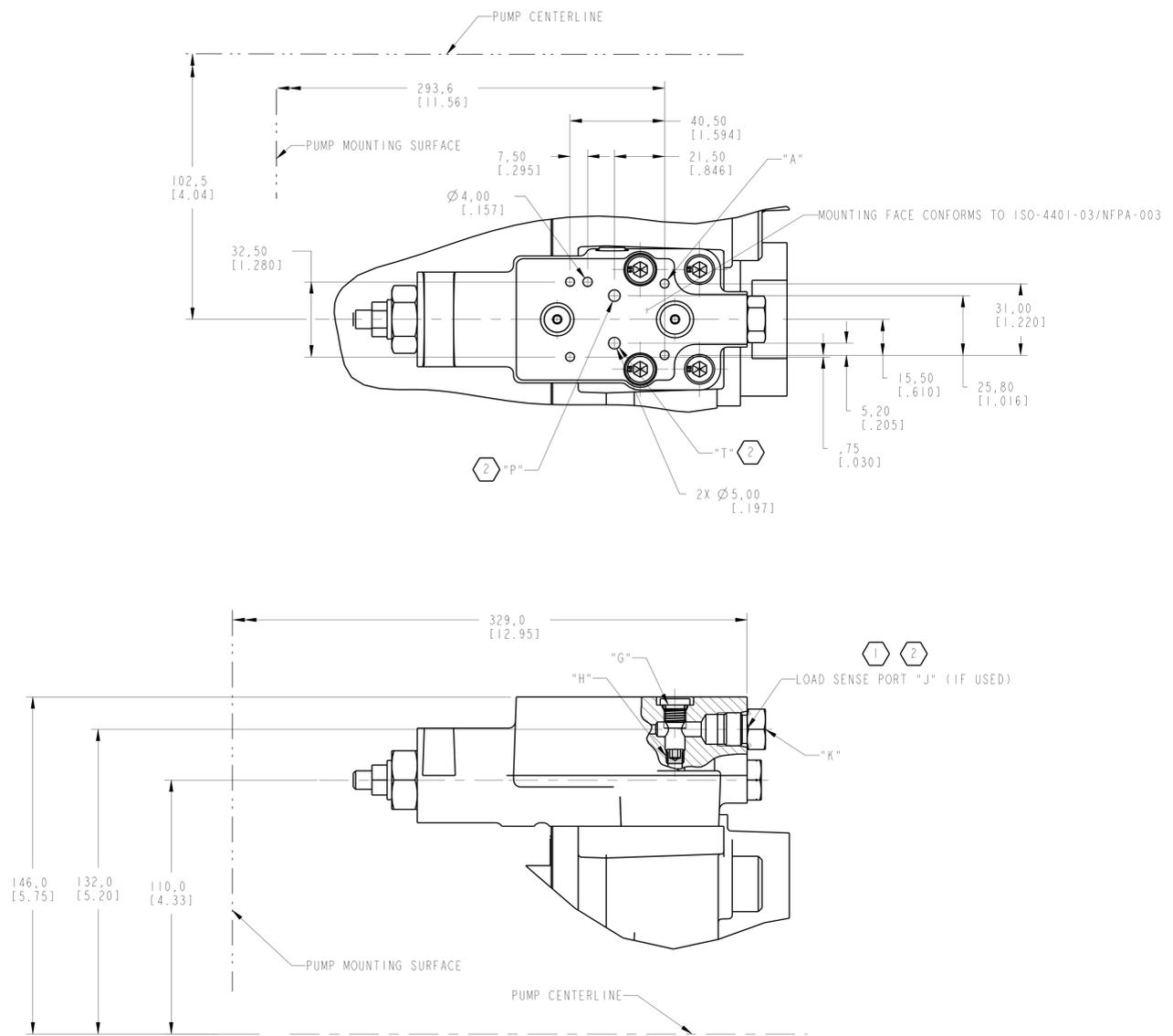
REV	DESCRIPTION	BY	CHK	DATE	CO
A	ENGINEERING RELEASE	EMR	EMR	01/02/03	M26982
B	UPDATED DRAWING TEMPLATE AS PER DANFOSS STANDARDS.G PORT NOTE REMOVED(8A)	SSP	TTM	12/15/22	CO-0227164



CONTROL SCHEMATIC CONFIGURED FOR PRESSURE COMPENSATING WITH LOAD SENSING



CONTROL SCHEMATIC CONFIGURED FOR PRESSURE COMPENSATING



- ① PRESSURE DECAY RATE OF SIGNAL LINE "J" SHALL NOT EXCEED 11.0 KBAR/SEC (160.0 KSI/SEC).
- ② THESE FEATURES ARE DIMENSIONED IN INCHES AND LOCATION TOLERANCES ARE METRIC.
- ③ "P" IS THE PRESSURE PORT AND "T" IS THE TANK PORT OF THE MOUNTING FACE WHICH CONFORMS TO ISO-4401-03/NFPA-003.
- ④ THE FOLLOWING ARE DIRECTIONS FOR PROPERLY CONFIGURING THE CONTROL FOR USE AS A PRESSURE COMPENSATOR OR AS A PRESSURE COMPENSATOR WITH LOAD SENSING.

- PRESSURE COMPENSATOR
- REMOVE PLUG "G" USING 1/8 INCH HEX WRENCH.
 - REMOVE PLUG "H" USING 5/32 INCH HEX WRENCH.
 - REASSEMBLE PLUG "G" USING 1/8 INCH HEX WRENCH AND TORQUE TO 12.1 - 12.4 N.M..
 - CONTROL IS NOW READY FOR RELIEF VALVE HARDWARE TO BE ATTACHED (NOT SUPPLIED). THE RELIEF VALVE IS TO HAVE A MOUNTING FACE PER ISO-4401-03/NFPA-003. THE RELIEF VALVE CONTROLS THE SPRING CHAMBER PRESSURE OF THE CONTROL THEREBY THE OUTLET PRESSURE IS LIMITED TO THE VALUE OF "P" PORT PRESSURE PLUS CONTROL DIFFERENTIAL PRESSURE.
- PRESSURE COMPENSATOR WITH LOAD SENSING
- REMOVE PLUG "K".
 - ASSEMBLE LOAD SENSE LINE TO PORT FROM WHICH PLUG "K" WAS REMOVED.
 - CONTROL IS NOW READY FOR RELIEF VALVE HARDWARE TO BE ATTACHED (NOT SUPPLIED). THE RELIEF VALVE IS TO HAVE A MOUNTING FACE PER ISO-4401-03/NFPA-003. THE RELIEF VALVE CONTROLS THE SPRING CHAMBER PRESSURE OF THE CONTROL THEREBY THE OUTLET PRESSURE IS LIMITED TO THE VALUE OF "P" PORT PRESSURE PLUS CONTROL DIFFERENTIAL PRESSURE.

PORT	"A"	"J"
SAE PORT	#10(.190)-24 UNC-2B THREAD ▽14.5 [1.57]	LOAD SENSING PORT "J" SAE O-RING BOSS FOR .375 O.D. TUBE .562-18 UNF-2B THREAD
ISO PORT	M5 X 0.8 THREAD ▽14.5 [1.57]	LOAD SENSING PORT "J" ISO 6149 O-RING BOSS M14 X 1.5 THREAD

REVIEWED FOR CLASSIFICATION PER ESP-042

PRODUCT FIRST USED ON: PVM PUMP	DRAWN BY/DATE: EMR 01/06/02
UNLESS OTHERWISE SPECIFIED: <input checked="" type="checkbox"/> LEGACY VICKERS ITEM INTERPRET PER VS-1-3-3-1	CHECKED BY/DATE: EMR 01/06/03
METRIC <input checked="" type="checkbox"/> INCHES <input checked="" type="checkbox"/>	ENG'D BY/DATE: SP 01/06/03
TOLERANCES: .X ± 0.8 ± .03	MFG BY/DATE: ---
.X ± 0.25 ± .03	RAW MATERIAL SPECIFICATION: ---
.X ± .125 ± .010	DRAWING INTERPRETATION PER 5040074
UNSPECIFIED RADIUS ARE: ---	DWG NO: A-2381-002 REV B
UNSPECIFIED DEPT ANGLES: ---	DRAWING TITLE: PVM131 IC CONTROL INSTALL
SURFACE FINISH: ---	SCALE: 1/1
ASSEMBLY: ---	SHEET 1 OF 1
NO. PARTS: ---	PART NO: A-2381-002

Danfoss