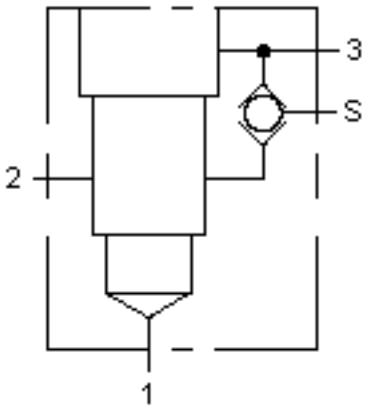
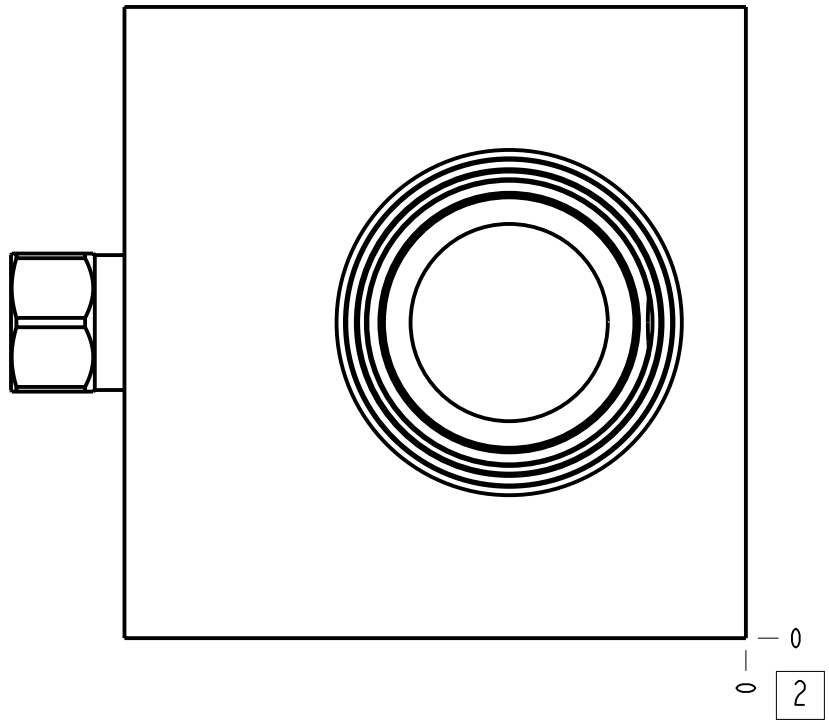
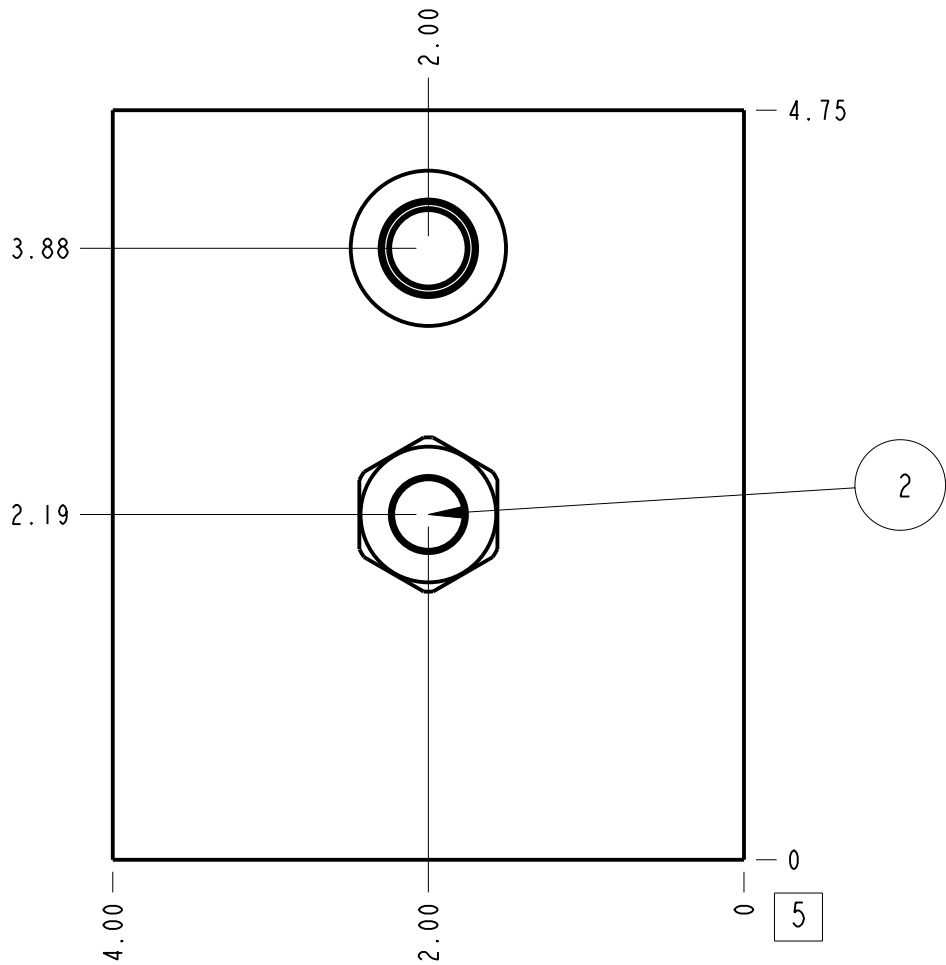
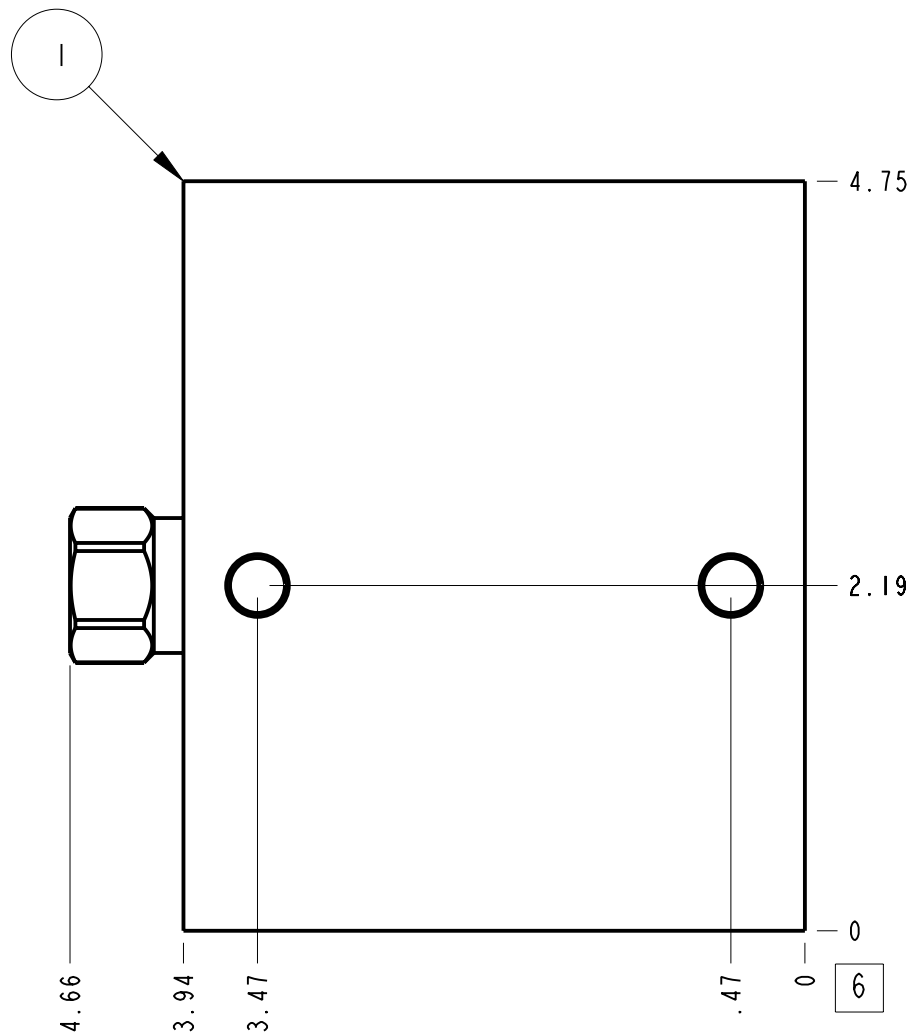
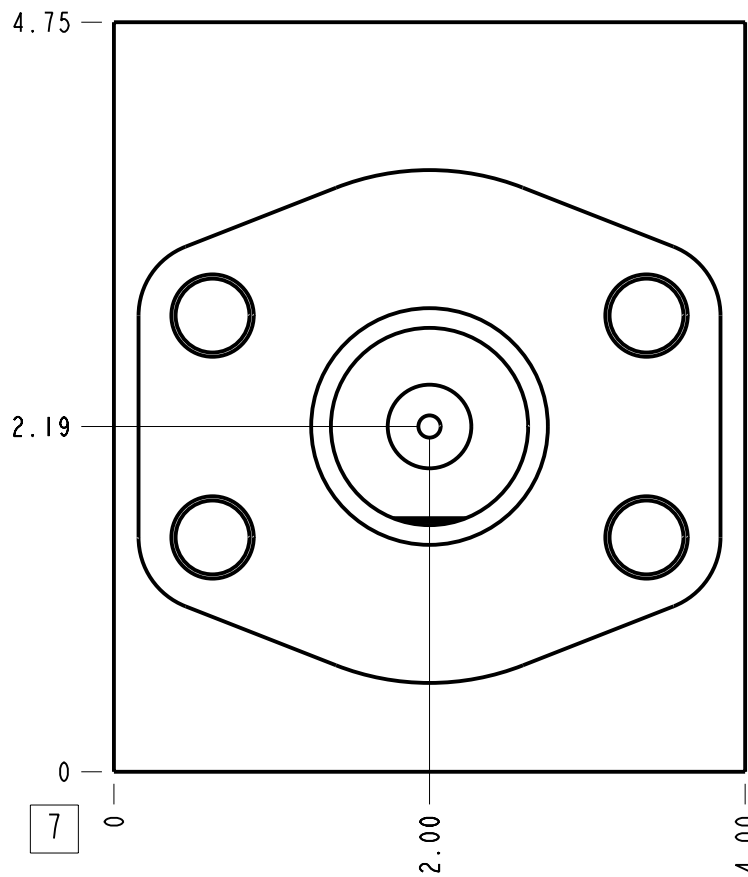
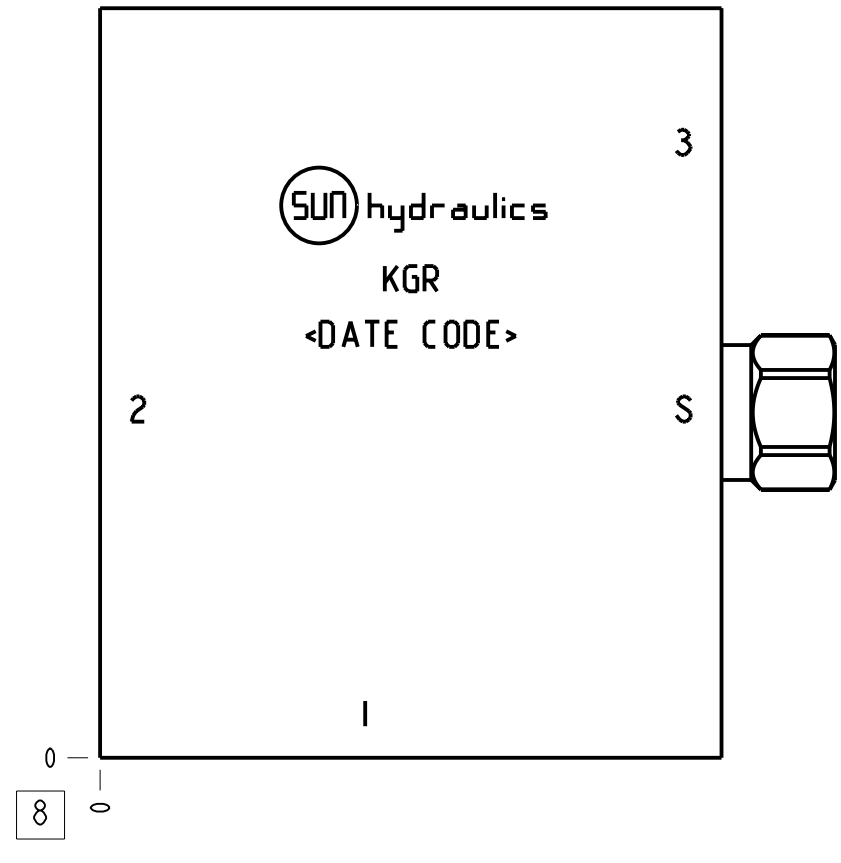


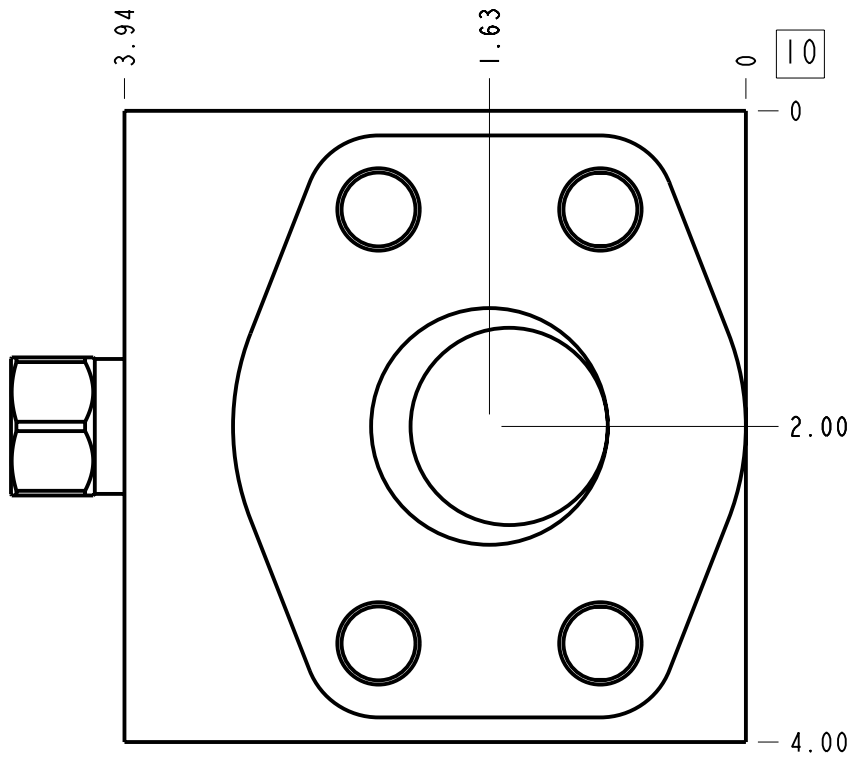


Notes

1. Port S is the external connection at the top of the shuttle cartridge.
2. Important: Carefully consider the maximum system pressure. The pressure rating of the manifold is dependent on the manifold material, with the port type/size a secondary consideration. Manifolds constructed of aluminum are not rated for pressures higher than 3000 psi (210 bar), regardless of the port type/size specified.
3. Flange mounting hole data: Inch: 1/2-13UNC x 1.06 (26,9 mm) DP, Metric: M14 x 2.0-6H x 1.06 (26,9 mm) DP
4. This drawing is for reference only. It is generated by an automated process and does not fall under Sun's document control process.

Port Headings		
Product	Port	Size
KGR	Ports 1 & 2	1 1/2 in. Code 61
KGR	Port 3	SAE 6
KGR	Port S	SAE 4

Technical Data	U.S. Units	Metric Units
Cavity	T-19A	
Body Features	Ninety degree with shuttle	
Body Type	Line mount	
Interface	None	
Open Cavity Quantity	1	
Weight	5.949 lb.	2,698 kg.
Mounting Hole Thread	.375-16 UNC - 2B in.	
Mounting Hole Depth	.62 in.	15,7 mm
Mounting Hole Quantity	2	
Includes integral cartridge(s)	Yes (see Included Components)	



2	CSAAEXN			SHUTTLE VALVE	1
1	151-062		6061-T6 ALUMINUM	BODY	1
ITEM	PART NO.	SETTING	MATERIAL	PART NAME	QTY
MODEL			ALL DIMENSIONS IN INCH VIEWS ARE THIRD ANGLE		
DESCRIPTION			DATE	SCALE	DWG SIZE SHEET
T-19A Line mount Ninety degree with shuttle			Jul-30-25	0.822	C 1
			FIRST ANGLE THIRD ANGLE		
			SUN hydraulics®		