



Technical Data	U.S. Units	Metric Units
Cavity	T-19A	
Body Features	Cross pilot with shuttle	
Body Type	Line mount	
Interface	None	
Open Cavity Quantity	2	
Weight	16.176 lb.	7,337 kg.
Mounting Hole Thread	.375-16 UNC - 2B in.	
Mounting Hole Depth	.62 in.	15,7 mm
Mounting Hole Quantity	4	
Includes integral cartridge(s)	Yes (see Included Components)	

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: 5/8-11 UNC x 1.38 (34,9 mm) DP, Metric: M16
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
YN6	Ports C1,C2,V1,V2	1/2" Code 62
YN6	Port S	SAE 4

2	CSAAEXN			SHUTTLE VALVE	1
1	152-431-001		6061-T6 ALUMINUM	BODY	1
ITEM	PART NO.	SETTING	MATERIAL	PART NAME	QTY
	MODEL			YN6	
DESCRIPTION			ALL DIMENSIONS IN INCH VIEWS ARE THIRD ANGLE		
T-19A Line mount Cross pilot with shuttle			DATE	SCALE	DWG SIZE SHEET
			May-06-24	0.517	C 1
				FIRST ANGLE	THIRD ANGLE