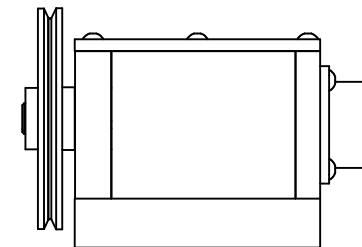
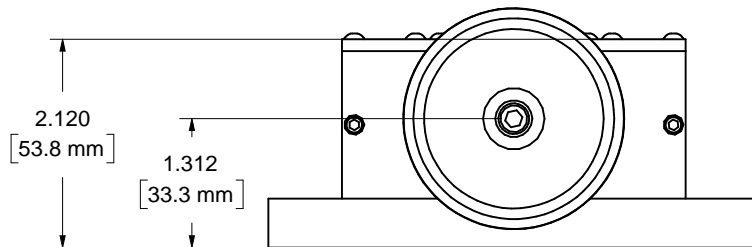
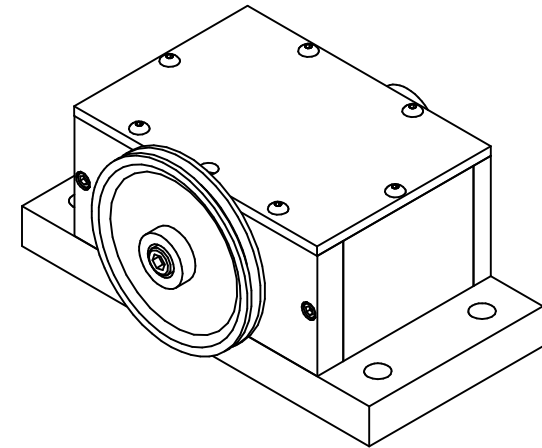
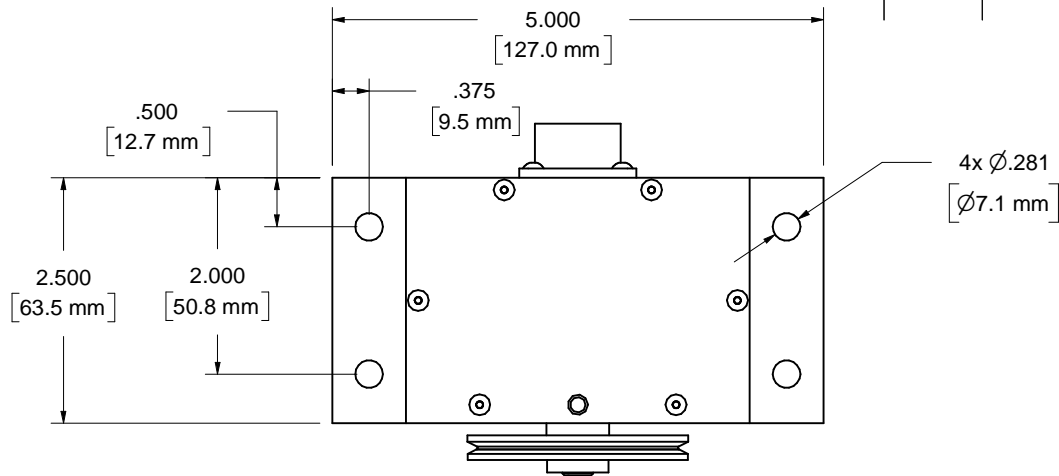



Revisions			
SYM	Description	Date	Approval



## Typical Transducer Specifications

\*Tension Range: Supplied to Customer's requirements.  
 \*Contact Elements: To fit application.  
 \*Operating Temperature: 70° ± 25° F. (Special ranges available)  
 \*Connecting Terminals: 5 pin Amphenol plug or terminated ends.  
 \*Excitation Voltage: 4-10 VDC.  
 \*Bridge Resistance: 350 ohms nominal.  
 \*Output Signal: 1.0 - 2.0 mv/V nominal.  
 \*Resistance to Ground: Exceeding 500 Megaohms.  
 \*Zero Balance: Less than 1.5% FS  
 \*Drift at Midpoint: 0.2%  
 \*Noise Level: Less than 0.2%  
 \*Linearity: 0.5%  
 \*Combined Linearity & Hysteresis: ± .75%  
 \*Total Error: 1% FS  
 \*Overload Tension: 50% Overated  
 \*Shielded Cable: 10' standard length.

Material ALUMINUM			Finish CLEAR ANODIZE		Heat Treat		
DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED			TITLE		Weight		
FRAC.	DEC.	ANG.	STANDARD, LOW FORCE LOAD CELL WITH 2-1/4" PULLEY		 733 South Bowen Street Longmont, CO 80501		
± 1/64	± .005	± 30°					
Scale 1:2	No. Req'd		Drawn SHS	Date 3-6-08	Size	Drawing Number	Issue
Next Assy			Checked	Date	E-090-00		
			Approved	Date			

NOTE 1. MAXIMUM TENSION RANGE OF 150 LBS (75 KG) OVER SEVERAL RANGES.

NOTE 2: PULLEY DIAMETER, MATERIAL AND SHAPE OF GROOVE/RADIUS TBD BY APPLICATION.