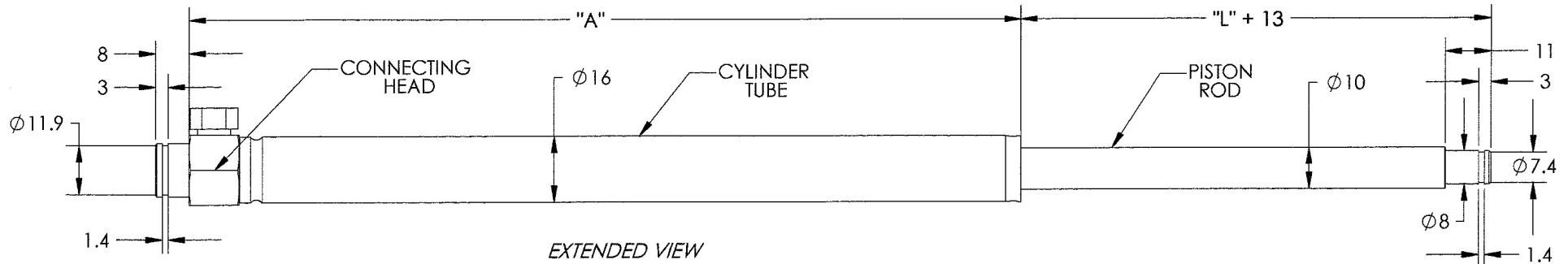
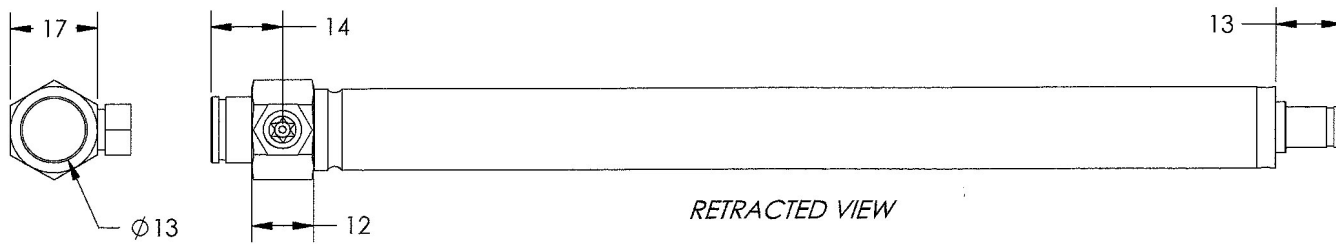


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CYLINDER DESCRIPTION	"L" STROKE	"A" DIMENSION
CE415	150	200
CE420	200	250
CE430	300	350
CE440	400	450

NOTES:

- 1.) ALL DIMENSIONS ARE REFERENCE ONLY.
- 2.) MATERIAL SPECIFICATIONS:

CONNECTING HEAD: BRASS
 CYLINDER TUBE: PRECISION SEAMLESS BRASS TUBING.
 PISTON ROD: STAINLESS STEEL

DO NOT MANUFACTURE TO THIS DRAWING UNLESS IT IS MARKED "CONTROLLED"

DO NOT SCALE THIS DRAWING
 DIMENSIONS ARE IN MILLIMETERS
 TOLERANCES UNLESS OTHERWISE SPECIFIED

ONE PLACE DECIMAL +/-0.2 ANGULAR +/-2°
 TWO PLACE DECIMAL +/-0.1

DRAWN BY: JED DATE: 11/16/04 SCALE: 1:1

CUSTOMER DRAWING

REV	REVISION	CHANGED BY	APPROVED BY	DATE (MM/DD/YY)
ECN			JED	11/16/04
DESCRIPTION: CE CYLINDERS (14mm PISTON)				
MATERIAL: N/A				
DRAWING NUMBER: S41-0001				
3970 Roger B. Chaffee S.E. Grand Rapids, Michigan 49548-3497				DRAWING SIZE: B