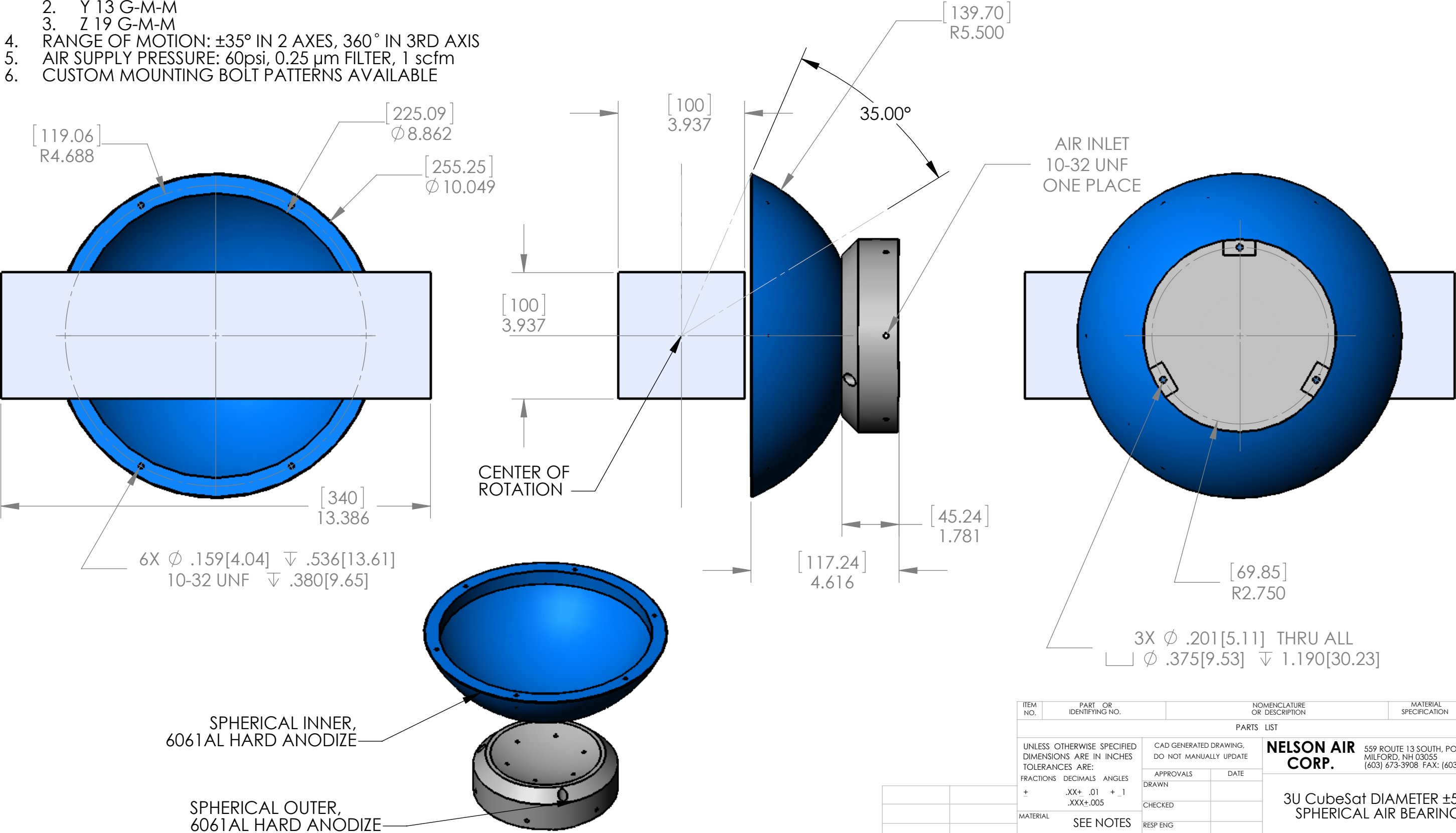


- NOTES:
1. LOAD CAPACITY: 80 kg @ 60 psi
 2. MASS OF SPHERE INNER: 1383 GRAMS
 3. MOMENT OF INERTIA ABOUT THE CENTER OF ROTATION:
 1. X 19 G-M-M
 2. Y 13 G-M-M
 3. Z 19 G-M-M
 4. RANGE OF MOTION: ±35° IN 2 AXES, 360° IN 3RD AXIS
 5. AIR SUPPLY PRESSURE: 60psi, 0.25 µm FILTER, 1 scfm
 6. CUSTOM MOUNTING BOLT PATTERNS AVAILABLE

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



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ITEM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	QTY REQD
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		
FRACTIONS DECIMALS ANGLES		APPROVALS	DATE	
+ .XX+ .01 + .1		DRAWN		
.XXX+.005		CHECKED		
MATERIAL		RESP ENG		
SEE NOTES		MFG ENG		
FINISH		QUAL ENG		

DO NOT SCALE DRAWING				
NEXT ASSY USED ON APPLICATION			SIZE B DWG. NO.	
			REV. 00	
			SHEET 1 OF 1	

NELSON AIR CORP. 559 ROUTE 13 SOUTH, PO BOX 2 MILFORD, NH 03055 (603) 673-3908 FAX: (603) 672-3008

3U CubeSat DIAMETER ±50° SPHERICAL AIR BEARING