

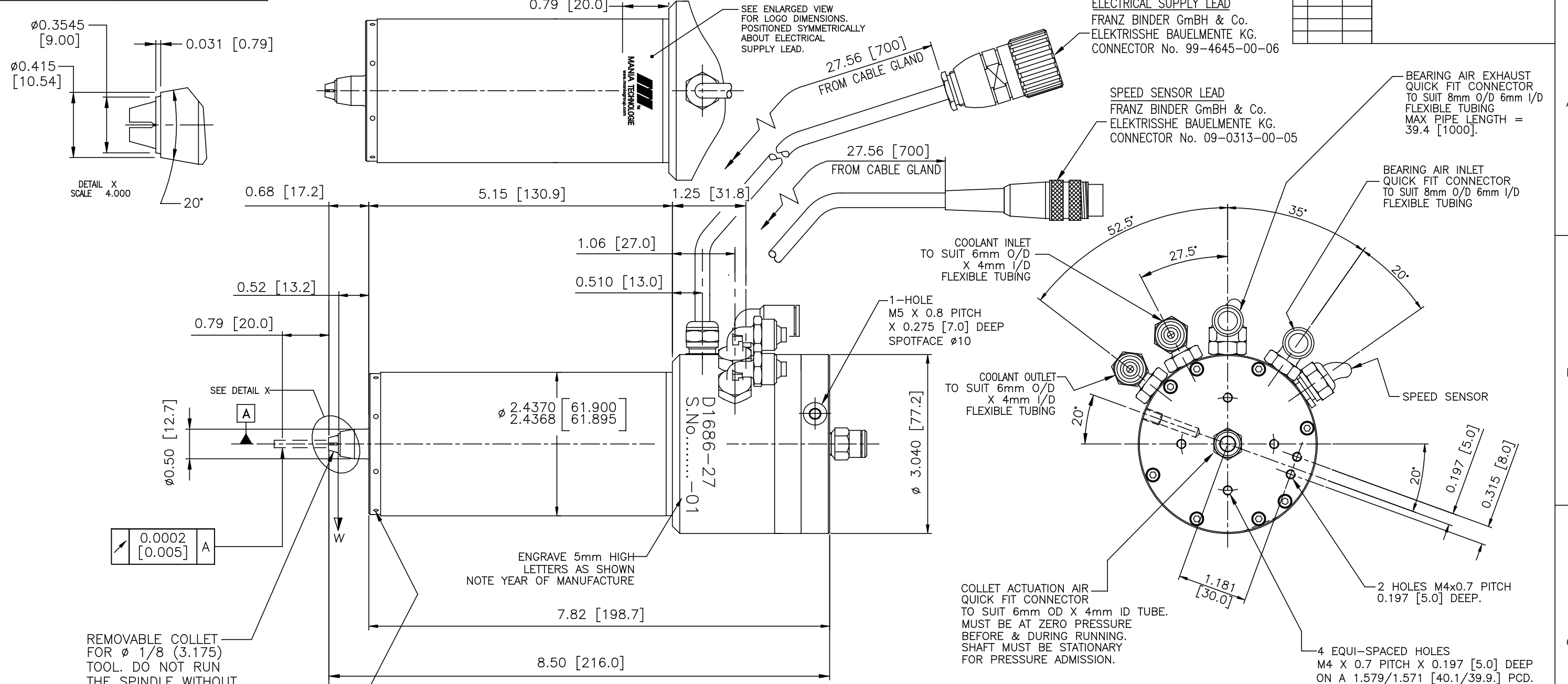
DRAWING No. 248073-A

THE DRAWING AND DESIGN ARE THE PROPERTY OF WESTWIND AIR BEARINGS LTD. THEY REMAIN AT ALL TIMES THEIR PROPERTY AND MUST NOT BE USED TO THE DETRIMENT OF THEIR INTERESTS.

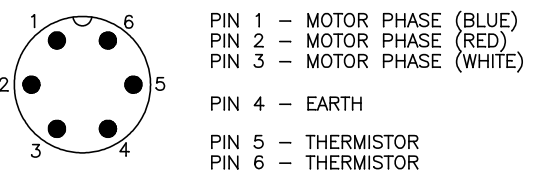
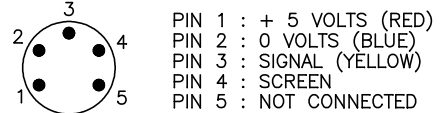
DO NOT SCALE DRAWING

PROJECTION IF IN DOUBT ASK

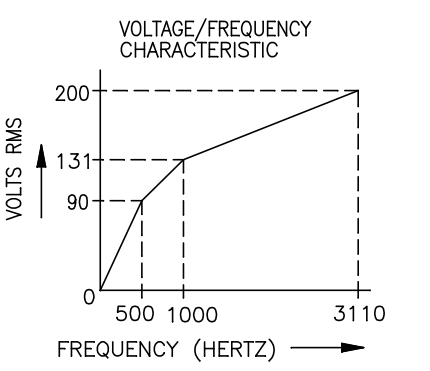
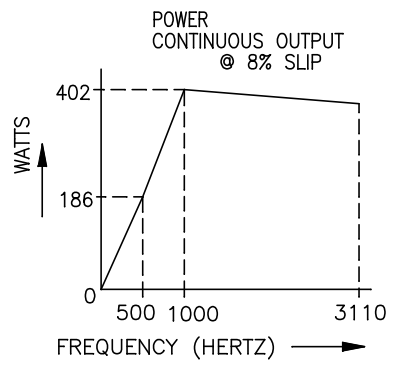
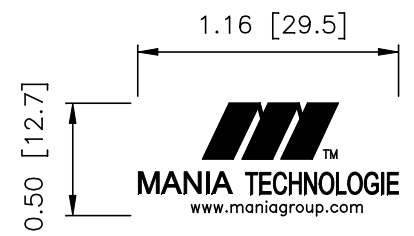
ISS.	MOD. No.	DATE	MODIFICATION	ISSUE
				A



COLLET SIZE	PART NUMBER
φ 1/8"	40374CT



BASIC SPECIFICATION	IMPERIAL UNITS	METRIC UNITS
BEARING AIR SUPPLY PRESSURE	80 P.S.I.G.	5.6 Kg/cm <sup>2</sup>
AIR CONSUMPTION (AT 80 P.S.I.G.)	4.4 S.C.F.M.	122 Litres/min
COOLING WATER FLOW	21.3 IMP. GALL/Hr	1.6 Litres/min
COOLING WATER INLET TEMPERATURE	16-20 °C	
MAX. HEAT DISSIPATION TO COOLING WATER	1906 BTU/HOUR	560 WATTS
RADIAL FAILURE LOAD AT W (AT 180,000 RPM)	16 lbf	7.2 Kg
AXIAL FAILURE LOAD (PUSH)	40 lbf	18.1 Kg
MAXIMUM SPEED	180,000 RPM	
COLLET ACTUATION PRESSURE	78-82 P.S.I.G.	5.5-5.8 Kg/cm <sup>2</sup>
APPROX. WEIGHT	7.3 lb	3.3 Kg
MAXIMUM AXIAL ACCELERATION	60g [DERIVED THEORETICAL MAXIMUM]	
ADDITIONAL APPLICATIONS INFORMATION IS AVAILABLE ON REQUEST		



GEOMETRIC TOLERANCE SYMBOLS	LIMITS	DRAWN	SIGNED	DATE	TITLE	PRODUCT	DRAWING No.
CHARACTERISTIC SYM CHARACTERISTIC SYM	NOMINAL UNLESS OTHERWISE STATED	CJB	CJB	19.4.06	PROVISIONAL OUTLINE	D1686-27	248073-A
STRAIGHTNESS — CYLINDRICITY —		CHECKED	CB	19.4.06			
ROUNDNESS — SQUARENESS —		DEVELOPMENT APPROVAL	JDS	19.4.06			
PARALLELISM — CONCENTRICITY —		DIMENSIONS IN INCHES REMOVE SHARP EDGES					
ANGULARITY — SYMMETRY —							

