DRAWING No.	ISSUE
39768	- F

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

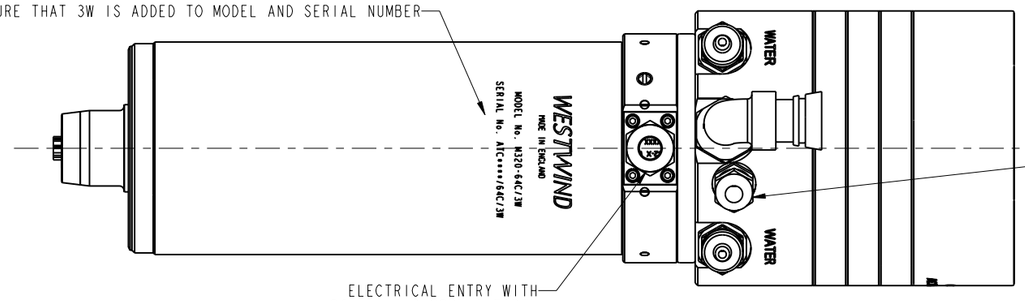
DO NOT SCALE DRAWING | PROJECTION | IF IN DOUBT ASK | DO NOT SCALE DRAWING

Issued

PREVIOUS MODIFICATIONS		
ISS.	MOD No.	DATE
B	37533	27.8.99
C	45973	5.8.02
D	46315	31.10.02
E	51270	20.10.06

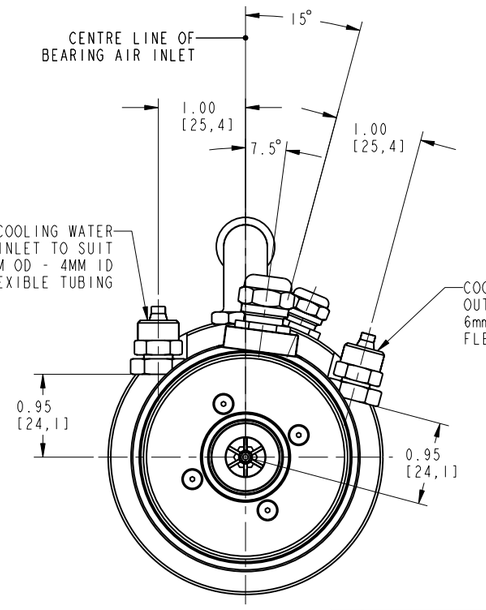
MOD No.	DATE	MODIFICATION	ISSUE
52973	20.10.08	V/F AND POWER DATA ADDED	F

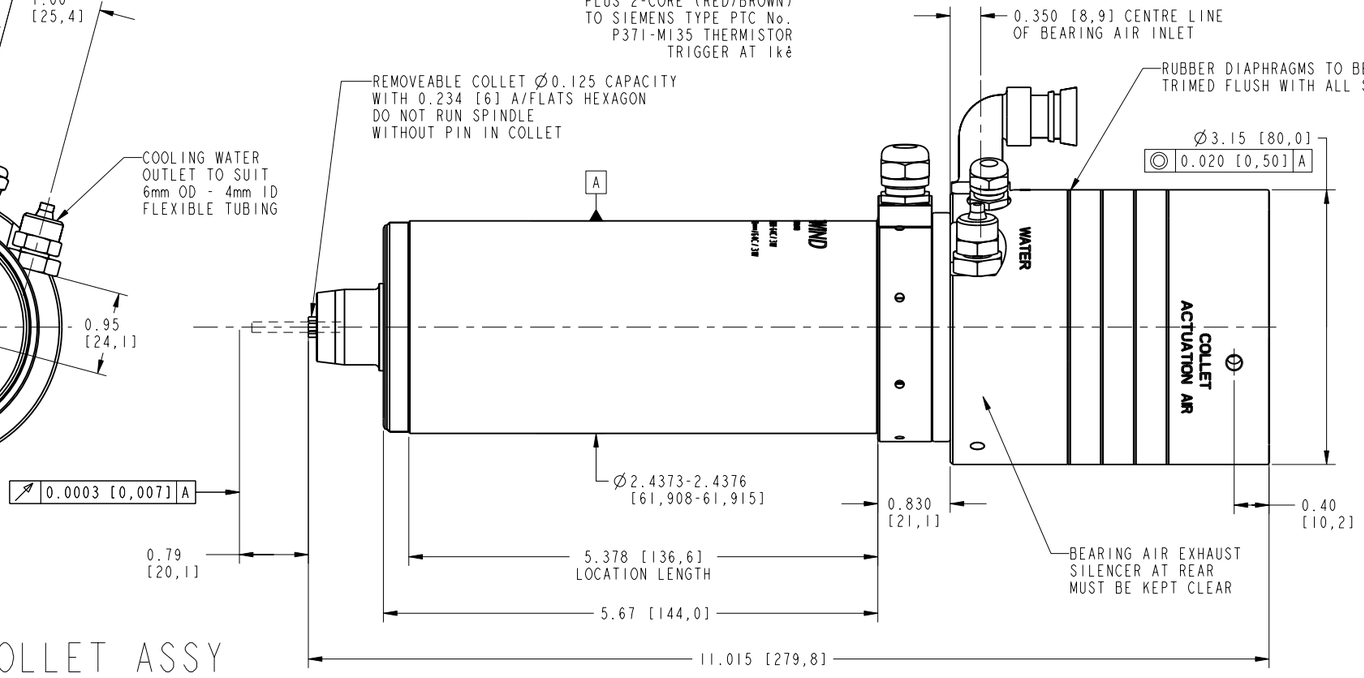
ENSURE THAT 3W IS ADDED TO MODEL AND SERIAL NUMBER

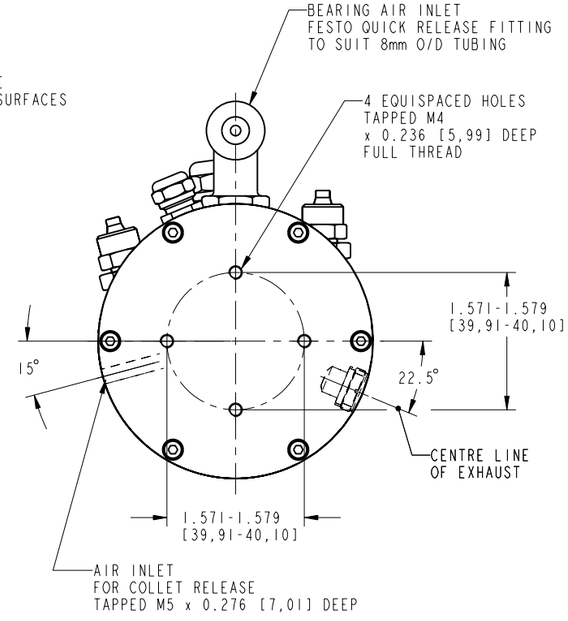


SPEED SENSOR SIEMENS
MAGNETO DIFFERENTIAL
3ft [1m] 3-CORE
SCREENED LEAD
BLACK 0V
RED +5V
WHITE SIGNAL OUT
NOTE:- FOR 2 WIRE
OPERATION USE BLACK
AND RED WIRES

ELECTRICAL ENTRY WITH
3ft [1m] 3-CORE & EARTH
FLEXIBLE LEAD TO MOTOR
PLUS 2-CORE (RED/BROWN)
TO SIEMENS TYPE PTC No.
P371-M135 THERMISTOR
TRIGGER AT Ikē



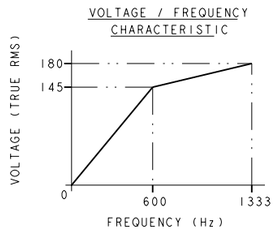




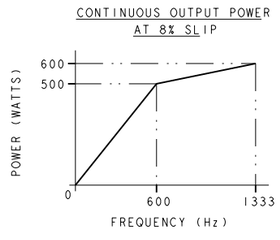
39773 - 1/8 COLLET ASSY

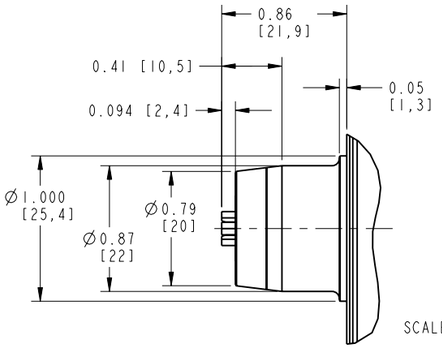
BASIC SPECIFICATION	IMPERIAL UNITS		METRIC UNITS	
BEARING AIR SUPPLY PRESSURE	80	P.S.I.G.	5.6	Kg/cm ^{2}
AIR CONSUMPTION	2.5	S.C.F.M.	70.5	Litres/min
COOLING WATER FLOW	11	IMP. GALL/Hr	0.8	Litres/min
COOLING WATER INLET TEMPURATURE	15 - 20 °C			
MAX. HEAT DISSIPATION TO COOLING WATER	1364	BTU/HOUR	400	WATTS
RADIAL FAILURE LOAD AT NOSE (AT 36,000 RPM)	21	lbf	9.5	Kgf
AXIAL FAILURE LOAD (PUSH)	41	lbf	18.6	Kgf
MAXIMUM SPEED	80,000 RPM			
COLLET ACTUATION PRESSURE	80	P.S.I.G.	5.6	Kg/cm ^{2}
MAXIMUM AXIAL ACCELERATION	15g (DERIVED THEORETICAL MAXIMUM)			
SEE SEPARATE DATA SHEET FOR MOTOR POWER OUTPUT & ELECTRICAL DETAILS				
ADDITIONAL DETAILED INFORMATION IS AVAILABLE ON REQUEST				

VOLTAGE / FREQUENCY CHARACTERISTIC



CONTINUOUS OUTPUT POWER AT 8% SLIP





SCALE 2.0

GEOMETRIC TOLERANCE SYMBOLS			
CHARACTERISTIC	SYM	CHARACTERISTIC	SYM
STRAIGHTNESS	—	CYLINDRICITY	⌭
ROUNDNESS	○	SQUARENESS	⊥
PARALLELISM	//	CONCENTRICITY	◎
ANGULARITY	∠	SYMMETRY	⌯
RUN OUT	↗	FLATNESS	▱
TOTAL RUN OUT	↗↗	POSITION	⌖

LIMITS: NOMINAL UNLESS STATED

	SIGNED	DATE
DRAWN	SEF	7.12.98
CHECKED	SEF	7.12.98
DESIGN APPROVAL.	D.D	7.12.98
APPLICATION APPROVAL	-	-

TITLE: PROVISIONAL OUTLINE

PRODUCT	DRAWING No.	ISSUE
M320-64C/3W	39768	- F

GSI WESTWIND

MODEL USED : M320-64C