

WINCHESTER

ROLL PRODUCTS
INC.

INDUSTRIAL ROLL TECHNICAL SPECIFICATIONS

HILDRETH STREET TEL:603/239-6326
WINCHESTER, NH 03470 FAX:603/239-8123
ENGINEERING/PURCHASING

USER INFORMATION

COMPANY _____ TELEPHONE _____
ADDRESS _____ FACSIMILE _____
PURCHASER _____ EXT. _____
TECHNICIAN _____ EXT. _____
OTHER _____ EXT. _____
MACHINE TYPE _____ MACHINE NO. _____
LOCATION _____
MACHINE PROCESS _____

GENERAL

ROLL APPLICATION _____
DIAMETER _____ " X FACE LENGTH _____ "
BEARING CENTERLINE _____ " O/A LENGTH _____ "
WALL THICKNESS _____ " BEARING NO. _____
QUANTITY _____ DELIVERY REQUIRED _____
NEW APPLICATION REPLACEMENT ROLL

MATERIAL SPECS.

ROLL SHELL _____
ROLL HEADS _____
ROLL SHAFTS _____
OTHER / MISC. _____

LIST SPECIFICATION
AND GRADE

ENVIRONMENTAL
CONDITIONS

WET
DRY
TEMP. _____ °F
PH _____
CHEMICALS _____

NOTES

SPEED /
BALANCE

SPEED OF ROLL FPM _____ RPM _____
STATIC BALANCE DYNAMIC BALANCE
ISO GRADE OF 6.3 (SMOOTH)
DYNAMIC BALANCE: 2.5 (VERY SMOOTH)
STATIC BALANCE SPECIFICATION _____ OZ - IN
DYNAMIC BALANCE SPECIFICATION _____ OZ - IN

ACCURACY

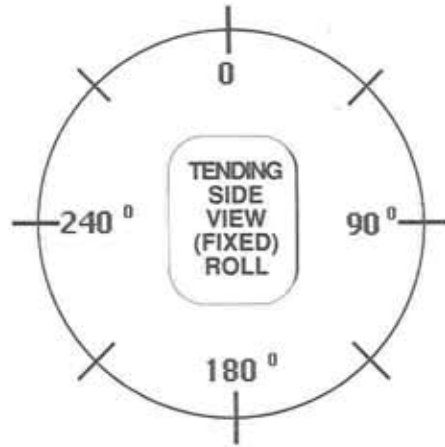
T.I.R. BEARINGS-TO-BODY _____ " BODY STRAIGHTNESS _____ "
BODY CYLINDRICITY _____ " BODY SURFACE FINISH _____ RA
BODY CROWN _____ " DIA X CROWN ANGLE _____ °
SHAFT T.I.R. _____ " SHAFT SURFACE FINISH _____ RA

HEATING / COOLING INFORMATION

DOUBLE SHELL SINGLE SHELL
IN / OUT SAME END IN / OUT OPPOSITE ENDS
HEATING ROLL COOLING ROLL
HOT OIL STEAM WATER
ROTARY JOINT SIZE _____ " DIA./SIPHON SIZE _____ " DIA.
ROTARY JOINT MFG. _____
ROTARY JOINT MODEL _____
AVAILABLE FLOW _____ GPM AVAILABLE PRESSURE _____ PSI
INLET TEMPERATURE _____ °F
HEATING / COOLING LIQUID
SPECIFIC HEAT _____ BTU / LBS - °F
THERMAL CONDUCTIVITY _____ BTU / FT - HR - °F
LIQUID DENSITY _____ LBS / CU FT
VISCOSITY _____ LBS / HR - FT
AMBIENT WORKING ATMOSPHERE TEMPERATURE _____ °F
MATERIAL(S) PROCESSED _____
WEB THICKNESS(ES) _____ WEB WIDTH _____
MATERIAL(S) SPECIFIC HEAT _____ BTU / LBS - °F
MATERIAL DENSITY _____ LBS / CU.FT.
WEB SPECIFIC HEAT _____ BTU / FT - HR - °F
POUNDS PER HOUR _____ DEGREES OF ROLL WRAP _____ °
APPROACH TEMPERATURE _____ °F DESIRED TEMPERATURE OFF _____ °F

LOADING

NIP LOAD _____ PLI.
 WEB TENSION _____ PLI.
 WEB WIDTH _____ "
 WRAP ANGLE _____ °
 ALLOWABLE DEFLECTION _____ "



DRAW NIP LOAD POSITION AND / OR WEB ON, OFF AND WRAP ANGLE.

RUBBER COVER

FINISHED DIAMETER _____ " COVER THICKNESS _____ "
 CORE DIAMETER _____ " CORE THICKNESS _____ "
 TOTAL FACE WIDTH _____ " SHEET WIDTH _____ "
 CROWN _____ " DIA. CROWN ANGLE _____ °
 DEPTH OF DUBBING _____ " RAD. WIDTH OF DUBBING _____ "
 COVER HARDNESS _____ P&J COVERED ENDS YES NO
 COVER MATERIAL _____

CHROME PLATING

THICKNESS OF CHROMIUM _____ "
 SINGLE PLATE MULTIPLE PLATE
 SURFACE FINISH _____ RA CUTOFF _____
 GROUND FINISH
 POLISHED FINISH
 SUPER FINISHED
 MATT FINISH GLOSS REQUIREMENT _____
 SPECIAL FINISH (BE SPECIFIC) _____

ASME CODE

MAXIMUM OPERATING PRESSURE _____ PSI
 MAXIMUM OPERATING TEMPERATURE _____ °F
 ASME STAMP REQUIRED: SECTION _____ DIVISION _____
 STATE OF INSTALLATION _____