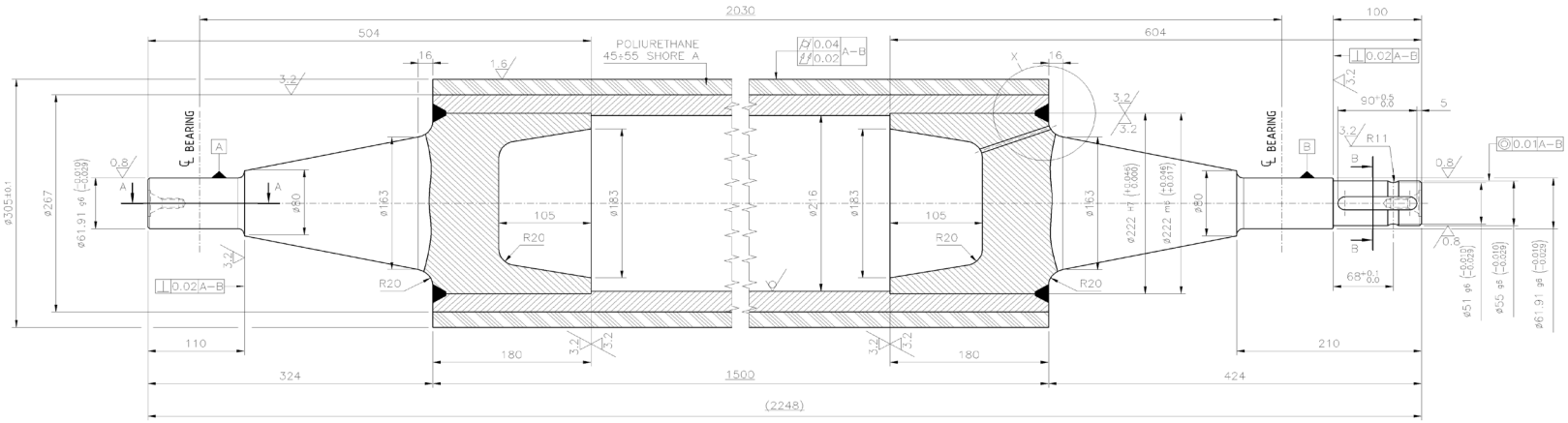
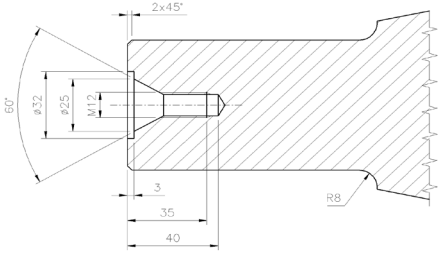
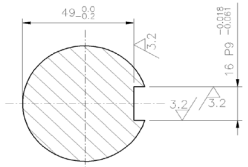


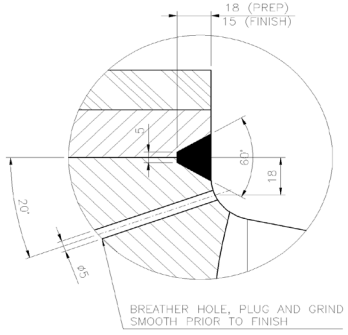
SECTION A–A (1:1)





SECTION B–B (1:1)

DETAIL X (1:1)



NOTES:

1. ROLL SHAFTS AND ROLL SHELL ARE TO BE ASSEMBLED BY PRESS FIT TO DIMENSIONS SHOWN AND WELDED TOGETHER.
2. VENT HOLE (ø5) IS REQUIRED ON ONE SHAFT TO RELIEVE INTERNAL PRESSURE OF ROLL AND MUST BE LEFT OPEN UNTIL ROLL IS FINISHED AND READY FOR BALANCING.
3. STRESS RELIEVE ROLL AFTER WELDING.
4. SANDBLAST AND DEGREASE ROLL OUTSIDE DIAMETER BEFORE LAGGING. LAGGING MATERIAL: POLYURETHANE 45/55 SHORE A.
5. ROLL TO BE DYNAMICALLY BALANCED AT 200 RPM TO WITHIN 0.05 mm (.002") FULL AMPLITUDE BY DRILLING END OF ROLL SHELL AND BACK FILL WITH EPOXY.
6. ROLL O.D. IS TO BE CONCENTRIC WITH BEARING JOURNALS WITHIN TOLERANCE SHOWN.
7. ALL MACHINED SURFACES SHALL BE 6.3 RMS EXCEPT OTHERWISE INDICATED.
8. BEARING JOURNALS ARE TO BE FREE OF SCRATCHES OR DENTS UPON DELIVERY.
9. ROLL COVERING IS TO BE FREE OF SCRATCHES, DENTS, INCLUSIONS, PIN HOLES, AIR BUBBLES AND OTHER DEFECTS. THE ROLL COVERING IS TO BE SUITABLE FOR APPLICATION OF PAINT IN A STEEL STRIP ROLL COATING PROCESS.
10. FINISHED ROLL MUST BE FREE OF WELD DEFECTS AND RESIDUAL STRESS.

DESIGN DATA:

ROLL SPEED = 286 rpm AT 150% LINE SPEED OF 183 mpm
MAX. LOAD ON ROLL = 350 N/cm
WR^2 = 5.7 Kg-m^2

SALDATURE A NORMA DANIELI STD 2.8.005 CLASSE B
WELDS AS PER DANIELI STD 2.8.005 CLASS B
DOVE NON INDICATO A = 0.7 DELLO SPESSORE MINIMO DA COLLEGARE
WHERE NOT INDICATED A = 0.7 OF MINIMUM THICKNESS TO BE WELDED

Rev.	Date	Revisions description	Drawn by	Checked by	Approved by
00	06 Apr 2018	EMISSIONE / ISSUED	Coddiegis	Abenese S	Perrone F

Material 1 (more val. indicated on drawing): S355JR EN 10025-2 — State of supply Mat.1 — Danieli Supply Shc. — Supply Class — Pattern DB
Material 2 — State of supply Mat.2 — Danieli Supply Shc. — Supply Class — Casting Code
Material 1 Equivalent
Heat Treatment: Ricottura di distensione / Stress relief annealing
On Drawing Symbol, if required,
Coating
On Drawing Symbol, if required,

Unquoted radius	Unquoted bevels	Dimensions without tolerance as per	Machining	Prec.Class	Max. Welding Class
1 (mm)	1X45° (mm)	DANIELI STD 2.4.103	63 / 0.32 / 16 / 08	D	B

Project Name

DANIELI FATA HUNTER

Job nr
Obtained from
Replaces
Family code/Machine code: 805627
Weight (Kg): 400
J (Kgm²)

Title: APPLICATOR ROLL

DANIELI Shop number: 7.387104.S
DANIELI dwg number
Revision: 00
Revision
Scale: 1:2.5
Format: A1
Nr. of sheets: 001
Sheet: 001 Follow

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COMPUTER AIDED DESIGN -A-