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HydroPro inc

World Leaders in Equipment and Technology for Hydraulic Tube Expansion

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BoilerPro Application Data Sheet

DATE	CONTACT	PHONE
HYDRAULIC EXPANSION END USER		

SCOPE OF APPLICATION AND SPECIFICATIONS

NEW OR RETUBE	NUMBER OF EXPANSIONS	APPROXIMATE START DATE
TYPE OF UNIT: (CHECK ALL THAT APPLY)	O *Fire tube* O *Water tube* O *Drum*	O *Package* O *Other (Describe):*

TUBES (for multiple tube types use multiple data sheets , i.e. straight, side, etc.)

MATERIAL	YIELD	TENSILE
O.D.	WALL THICKNESS/GAGE	WALL (CIRCLE ONE): *Avg. / Min. / Nominal*
ACTUAL TUBE I.D. MEASUREMENT		TYPE: *Seamless / Welded*
TUBE END TYPE (SWAGE DOWN, STRAIGHT, ETC.)	DISTANCE TO BEND FROM TUBE END	
SETTING OF TUBE TO TUBESHEET PRIMARY FACE: *(Recessed / Flush / Protruding, Flare, etc.)*		
PITCH	HOLE PATTERN	
ARE THE TUBES WELDED TO THE TUBESHEET: *Yes / No*	*Seal/ Strength*	

STEAM DRUM (primary tubesheet)

THICKNESS	MAT'L	YIELD	TENSILE
INSIDE DIA.	LENGTH OF DRUM:		
TUBE HOLE DETAIL:	GROOVE DETAIL:		
OBSTRUCTIONS:	ACCESS : (BOTH ENDS, ONE END, ETC.)		

MUD DRUM(s) (secondary tubesheet)

THICKNESS	MAT'L	YIELD	*TENSILE*
INSIDE DIA.	LENGTH OF DRUM:		
TUBE HOLE DETAIL:	GROOVE DETAIL:		
OBSTRUCTIONS:	ACCESS : (BOTH ENDS, ONE END, ETC.)		

SPECIFICATIONS (IF APPLICABLE)

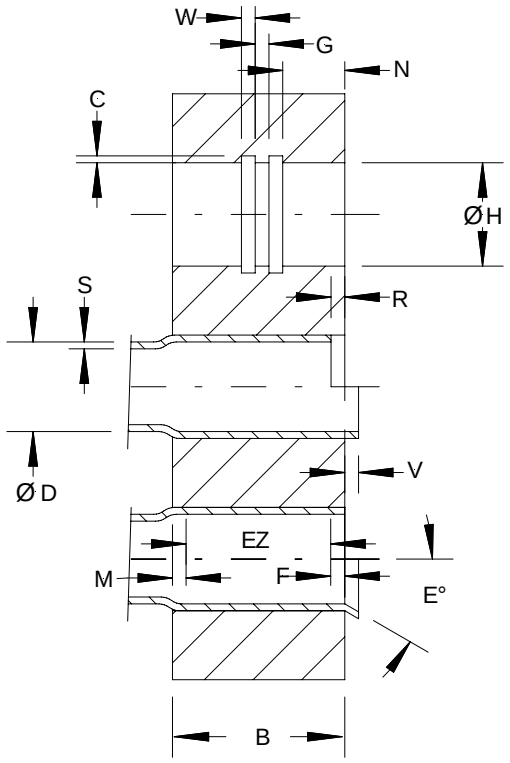
Please provide any available drawings, sketches, or blueprints, as well as performance requirements regarding working and test pressure of the vessel.

Drawings Supplied: *Yes / No*

*Signature:*_____ *Date:*_____

DATA SHEET SUPPLEMENT

The Data Sheet Supplement form is provided as an aid and can be useful when gathering information for filling out the data sheet. Only the completed Data Sheet must be sent in.



_____

Tube o.d. (D) _____
Tube wall thickness (S) _____
Tube material _____

_____

Tube Hole Diameter (H) _____
Tube Sheet Thickness (B) _____
Tube sheet mat'l _____

Quantity Grooves _____
Groove width (W) _____
Groove depth (C) _____
Gap between grooves(G) _____
Distance to 1st groove (N) _____

Expansion zone (EZ) _____

E.Z. front setback (F) _____

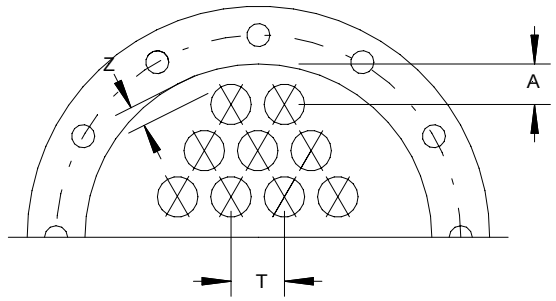
E. Z. rear setback (M) _____

Tube protrusion(V) _____

Tube recess (R) _____

Bell/Flare angle º (E) _____

_____



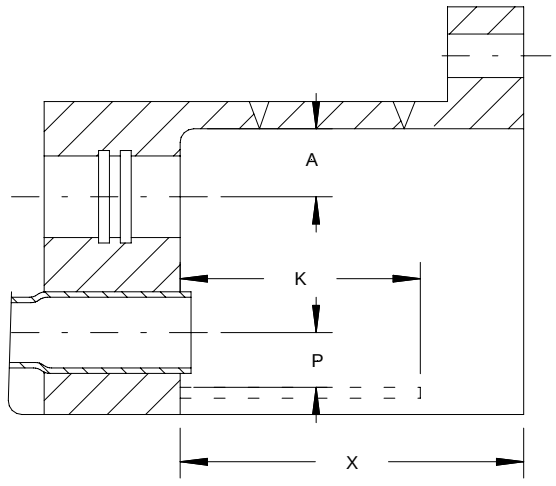
_____

Hole center –to-center (T) _____

Center-to-shell (A) _____

Hole o.d. \-to-shell (Z) _____

_____



_____

Center-to-shell (A) _____
(same as above)
Division plate height (K) _____
Hole Center to div. plate (P) _____
Depth of channel (X) _____

_____