



BELT WEIGHING UNIT DATA SHEET

CUSTOMER Date:.....

APPLICATION

MATERIAL

Minimum required data:

SYSTEM CAPACITY:

(Material conveying rate / mass flow-rate)

Maxt/h

ACCURACY REQUIRED:

Needed:%

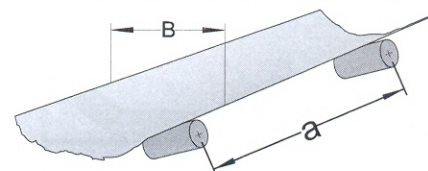
Within range: -t/h

CONVEYOR DATA:

Belt Speed $v =$ m/s

Belt Width $B =$ mm

Idler distance $a =$ mm



Conveyor Inclination $L =$ °

Total Length $P =$ m

Belt tensioner:

Screw Spring Counterweight.....kg

Additional data:

MATERIAL:

Particle size:

Min.:mm

Max.:mm

Temperature:°C

(At entry point of the conveyor)

ENVIRONMENT:

Ambient temperature: -°C

Stainless steel quality required:

(AISI 304/SIS 2333) No Yes

OIML:

Approval required No Yes

Scale to be certified No Yes

SPEED MEASURING (tachometer)

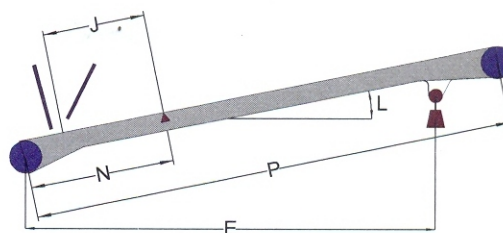
To be mounted on tail/drive drum

To be mounted with drive unit (measuring wheel on belt return part)

Loading to weigh unit $J =$ m

Tail pulley to weigh.unit $N =$ m

Tail pulley to cnt.weight $E =$ m



FLOW CONTROL (controller requirements)

Flow Indication & Totalising (basic functions)

Options

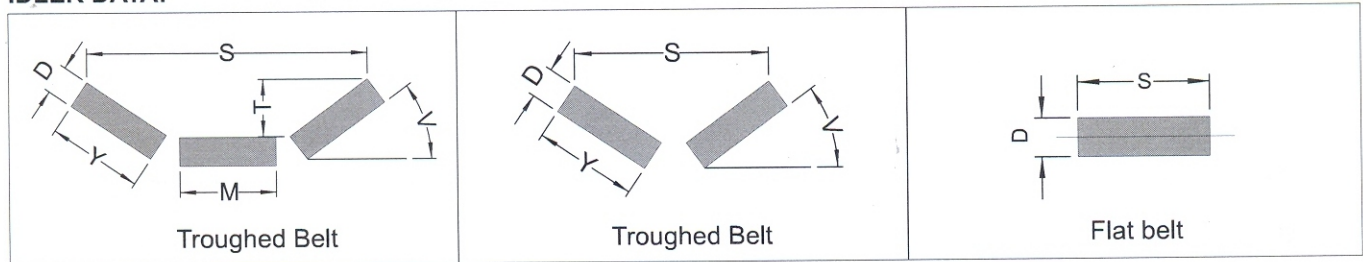
Regulation: (Built-in PID-regulator) No Yes

0/4-20mA output: No Yes

Electrical instruments designed for EEx

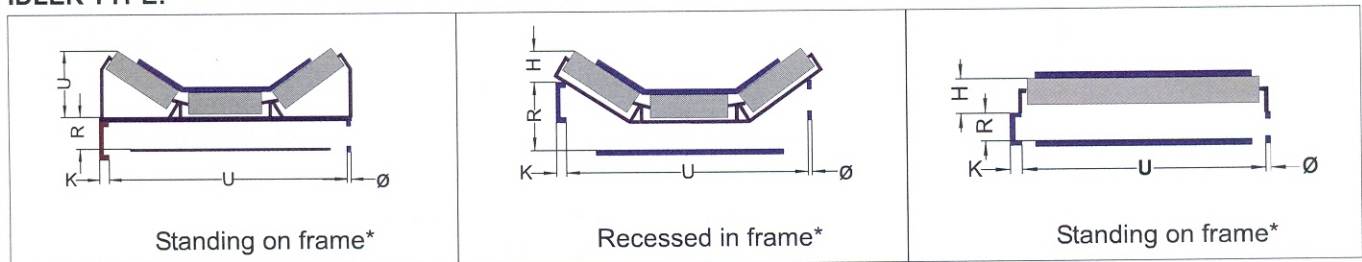
Environment zone (1 and 2): No Yes

IDLER DATA:



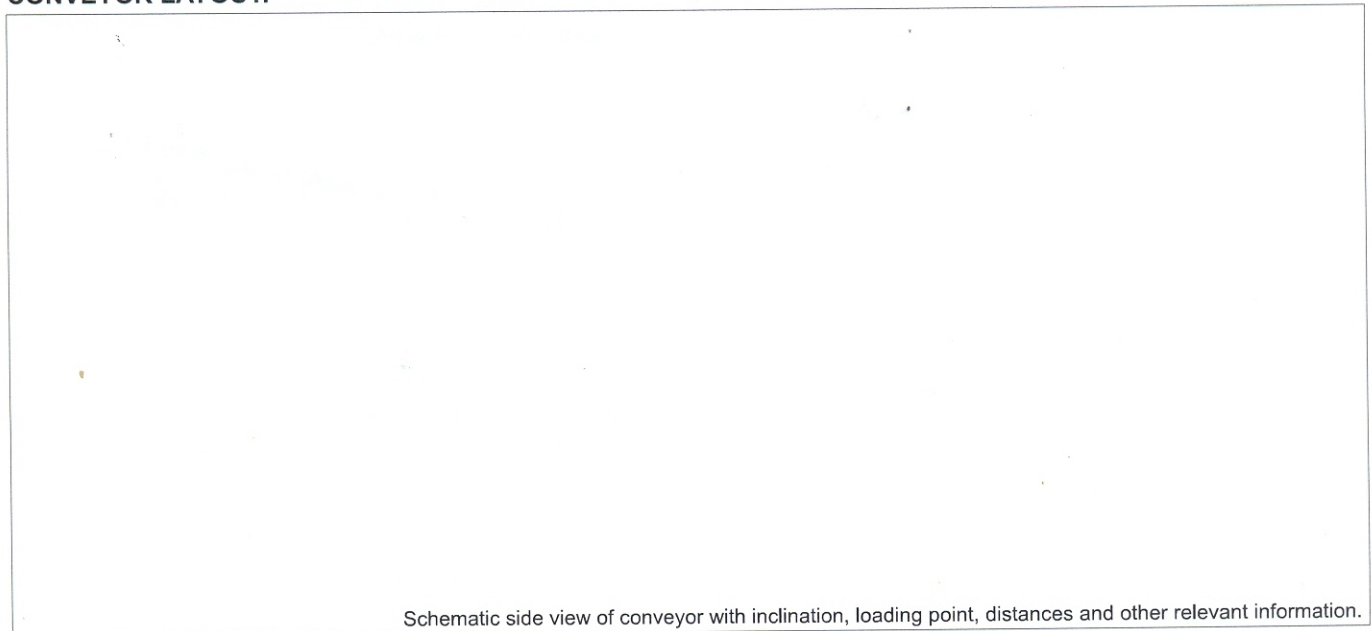
Idler roller diameter: D =mm Roller width: S =mm
 Center roller: M =mm Trough angle: V =°
 Side roller: Y =mm Troughing: T =mm

IDLER TYPE:



*)Frame type: Beam Tube Profile
 Height: H =mm Inner frame width: U =mm
 Belt return plane: R =mm Beam flange: K =mm
 Tube diameter: =mm

CONVEYOR LAYOUT:



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