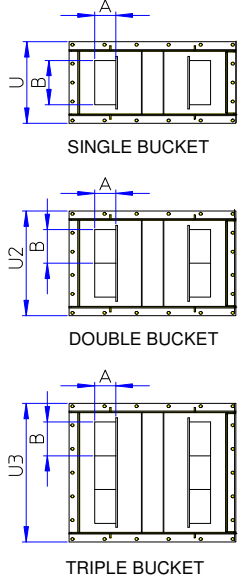
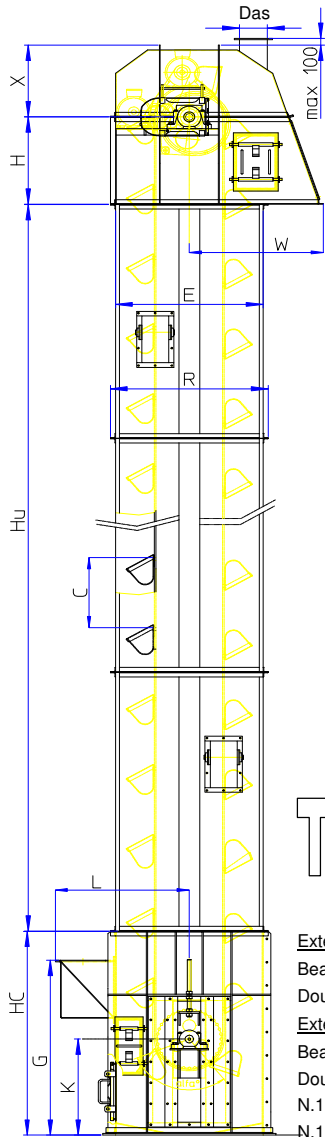


Offer/Job :		Doc. N°:		DataSheet Pos.:	
Customer:		Sheet	1	of	1
Plant:		Rev.	0		
Site:		Position		Drawing	

HIGH SPEED BUCKET ELEVATOR WITH RUBBER BELT - Data Sheet for Inquiry



TYPICAL

- External Supports x Drive Head :**
- Bearings with rollers
 - Double seal
- External Supports x Tail Head :**
- Bearings with rollers
 - Double seal
 - N.1 Speed sensor
 - N.1 Carter for speed sensor

1) DESCRIPTION

Number of machine of supply :
 Type : single bucket/double/triple :
 Box Type : single / double :

2) DESIGN DATA

Type of Material handled :
 Density min max : ton/m3
 Size min max, : mm
 Effective Capacity : Ton/h , m3/h =
 Design Capacity : Ton/h , m3/h =
 Humidity of material % :
 Temperature min max of material, °C :
 Functioning : h/day
 Wheelbase of drums, l = mm
 Max Height , H_{tot} , mm : (under roof constraint)
 , fr : (Fill factor)

3) TECHNICAL DATA

Capacity of Bucket : litres
 Useful width of Bucket , A : mm
 Useful length of Bucket, B : mm
 Bucket pitch, C : mm
 Diameter od drums, DT : mm
 Height load point , G : mm
 Height loose head, HC : mm
 Height driving head, H+X : mm
 Height driving drum- n element, H : mm
 Height loose drum , K : mm
 Total height elements, Hu : mm
 Height Unload point, HC+Hu : mm
 Max Width of element, U, U2 o U3 : mm
 Useful length elements Canne, E : mm
 Max Length elements, R : mm
 Floor space load point, L : mm
 Floor space unload point, W : mm
 Difference of level load-unload : mm
 Total Heigt (HC+HU+H+X+100) : mm < H_{tot}
 Speed of belt, v : rpm , m/sec
 Power absorbed, Pa : kw
 Power installed, Pi : kw
 Electrical feeding, Volt :
 Protections electricals for motor, IP :
 Atex zone , if applicable : 21/22/Not
 Site height above sea level , m :

4) ACCESSORIES

- N. 4 Rollers for belt-guide type "Heavy Duty"
- N. 2 Inspection doors on heads
- N. 1 Lower door for cleaning
- N. 1 Upper flange for air suction Das = mm
- N. 1 door (on element box) for substitution belt

5) RUBBER BELT DATA

Type :
 Class :
 Width, mm :
 Development, mm :
 Thickness, mm :
 Belt Weight, kg :

fs...fsstart =
 CRmin = daN/cm
CR = **daN/cm**
 Tmax = °C
 (extra x junction)

6) BUCKETS DATA

N.Tot. Buckets:
 Bolts MGGxL + Washers :
 Total Weight, kg :

7) WEIGHT

Total Weight of machine = kg Toll. 10%



Please fill out the yellow boxes as a minimum. Any additional information such as layout & schematics would be helpful.

Motor:		Vendor list
Idrodinamic Joint:		
Pulley Head :		
Pulley ta:		
GearBox:		
Notes : Carpentry in Steel S275JR / AISI 304		
Drive Head th.min. 5 mm with reinforcement in Angle		
Drive Pulley , rubbered th10 , shaft 39NiCrMo3 dismantled		
Tail end th.min. 6 mm with reinforcements in Angle		
Tail Pulley ronds type and cones for ejection, shaft C40 dismantled		
Intermediate Box th.min 3 mm with holed Angles for junction		
Material of Buckets : S275JR / AISI304 / NYRIM / ...		
Anti-dust tightness on junctions		

Optionals required

Foot overflow sensor	type	
Unload overflow sensor	type	
Wear Resistant Plates on load zone: Hardox 400 th. mm 6		
Wear Resistant Plates on unload zone: Hardox 400 th. mm 6		
Painting cycle	
	
	