

Data Sheet Screw conveyor 33-14 CA-22

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Customer:
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Inquiry 348.031/A901
20012504B

date
From
Number
Tag no.

18-6-2002
M. de Graaff
4B
33-14 CA-22

General information:				Materials:			
Product	Wet P-CMC			Casing/covers	SS 316 L 3mm/2mm		
Bulk-density	0,3-0,8 to/m ³			Tube	SS 316 L		
Design temperature	60 °			Screw flights	SS 316 L		
Flowability	Sluggish, sticky,			Shaft's flanged	SS 316 L		
Capacity	10 m ³ /uur			Motor/bearing support	SS 316 L		
Moisture content	50 wt%			Weld on top of flights			
Loaded / feeded by	Dosed by screwconveyor			General information drive unit:			
Length in- outlet	1380 mm			Helical shaft geared motor		Power	3 kW
Inclination / horizontal	Horizontal			Helical geared motor	Bauer	Torgue	590 Nm
Indoors or outdoors	Indoors			Ex-classification	<input checked="" type="checkbox"/> EExdeIIA T2	Voltage	230/400 V
Purpose:				Chain drive	<input type="checkbox"/>	Insul. class	IP65
Transport	<input checked="" type="checkbox"/>	conveying		Tipspeed	1,012 m/sec	PTC's	<input type="checkbox"/>
Dosing	<input type="checkbox"/>			Coupling	1 N-Eupex	RPM	49
Mixing	<input type="checkbox"/>			Options:			
Others	<input type="checkbox"/>			support brackets	<input checked="" type="checkbox"/>	SS 316 L	
Position Drive:				Tubelure	<input checked="" type="checkbox"/>	Drain DN150, 1x PSA DN80	
Pull side	<input type="checkbox"/>			Inspection hatches	<input checked="" type="checkbox"/>	1 piece with sight glass	
Push side	<input checked="" type="checkbox"/>	one direction		fast fastners	<input checked="" type="checkbox"/>	on cover, one cover with switch	
Screw design:				Safety switch	<input checked="" type="checkbox"/>	Membrane pressure-switch	
Screw type	Trough shape			Running detector	<input type="checkbox"/>		
Design pressure	-0.05/+0.1 bar			Documentation:			
Total length	1950 mm			Documentation:	<input checked="" type="checkbox"/>	Dutch	
Screw diameter	Ø 400 mm			CE-declaration	<input checked="" type="checkbox"/>	2A-min	
Inlet, number, dimension	1 st	400 x 400		Material specification	<input type="checkbox"/>		
Outlet, number dimension	1 st	370 x 260		Drawing :			
Screw pitch	315 mm			Measurements of the shafts are decide at engineering face For details of the cover, inspection hatch and Shaft seals see attached drawings Surface treatment pickled and passivated, no coatings because there is no Carbon steel used.			
Screw diameter	Ø 88,9 x 4 mm						
Thickness screw flight	4 mm						
Surface treatment	Pickling & Passivating						
Covers	Flat cover, with fast fastners						
Bearings:							
Inletside	SKF SN	1 st	Standing bearing				
Outletside	SKF SN	1 st	Standing bearing				
Hangerbearing			None				
Shaft and hangerbearing seals:							
Drive end	N ₂ 1/8		Gland/N2 Purdge				
Non drive end	N ₂ 1/8		Gland/N2 Purdge				
Hangerbearing			None				