

Pre - purchase Survey Questionnaire for Yinuo Vacuum Drum Filters

Material Information

Material Name

Melting Point of Raw Material

Melting Density

Kinematic Viscosity of Material

Working Environment

Operating Temperature

Working Space Limitation

Installation Location

Factory Safety Level

Power Supply Voltage

Filter Requirements

Filtration Area

Processing Capacity

Protection Level of Electrical and Instrumentation

Instrument Air

Nitrogen

Heat - preservation Medium

Maintenance Requirements for the Drum Cover

	m ³ /hour	kg/hour
Working Conditions	m ³ /hour	kg/hour
	m ³ /hour	kg/hour

Methods of Creating Pressure Difference	☐ Vacuum Filtrate	Specified Pressure (MPa)
	☐ Overpressure	
	☐ Hydrostatic Pressure	

Sealing Requirements

Need to Separate Filtrate and Rinse Liquid

Require the Use of Auxiliary Filling Materials

Use after Filtration	☐ Filtrate	☐ Sediment
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Filtration Zone Information

Information about Separated Products (Suspension), Sediment and Filtrate

Name of Suspension	
Treatment	
Chemical Composition of Solid Phase	
Chemical Composition of Liquid Phase	
Solid Content in Suspension (%)	
Specific Gravity of Suspension (kg/m ³)	Suspension Temperature (°C)
Density of Solid Phase (kg/m ³)	Density of Liquid Phase (kg/m ³)
Chemical Activity of Liquid Phase (pH)	Liquid Viscosity (N·s/m ²)
Solid - phase Characteristics of Suspension	☐ Crystalline / ☐ Fibrous / ☐ Colloidal / ☐ Amorphous / ☐ With Colloidal Inclusions
Solid Particle Size (mm)	
Their Content in Suspension (%)	
Purity of Filtrate (g/L)	
Permissible Solid Particle Size in Filtrate (µm)	
Moisture Content of Sludge (%)	
Nature of Precipitate Formation	☐ Granular / ☐ Soft / ☐ Firm / ☐ Fractured / ☐ Cracked / ☐ Viscous / ☐ Cemented / ☐ Spread - type
Precipitate Washing and Name of Washing Liquid	
Consumption of Rinse Liquid (L/kg)	
Need to Separate Filtrate and Washing Liquid	

Special Requirements for Vacuum Filter Structure

Recommended Materials for Parts in Contact with Working Medium
Size Limitation (Length × Width × Height, in mm, not exceeding)
Maximum Weight Limitation (kg, not exceeding)
Classification of Production Sites According to Electrical and Electrical Equipment Standards for Explosive Hazardous Environments
Classification Group of Product Flammability and Explosiveness
Toxicity Level of Released Vapors (Dust)
Additional Requirements