



Axis TM Series Drum Motor Selection

Our technical staff are able to assist with drive selection ensuring your drive is specified to meet the demands of the application and ensure a long life solution. Special consideration needs to be given to the following.

Drum Motor Selection Considerations

Conveyor Type:	Roller Bed <input type="checkbox"/>	Slider Bed <input type="checkbox"/>	Bulk Handling <input type="checkbox"/>
Conveyor Length in meters:			
Target Belt Speed: [m/sec]			
Weight of Items in kg per M of belt:			
Belt Width:			
Belt Weight in Kg per M2:			
Belt Friction Factor for Slider Bed: (0.2-0.6)			
Conveyor Angle: (degrees)			
Duty on accumulation*: (0-2) <small>*(Coefficient of friction between belt and transported materials. Not relevant if there is no product accumulation on the belt)</small>			
Operating Duty: (Hours per day)	<3hrs <input type="checkbox"/>	<8hrs <input type="checkbox"/>	
	<12hrs <input type="checkbox"/>	>16hrs <input type="checkbox"/>	
Conveyor Loading Conditions:	Uniformly Loaded Belt <input type="checkbox"/>		
	Irregularly Loaded Belt <input type="checkbox"/>		
	Point or Shock Loading <input type="checkbox"/>		

Please scan and fill in the relevant details. Return this to us via fax or email and we will make a recommendation on your required drum motor specifications. Should you need assistance feel free to call and discuss any of these points with our technical team.

Fax: +64 3 218 4164
Email: sales@southquip.co.nz

Axis Drum Motor Enquiry Form

To:
 Southquip Industrial
 9 Wood Street
 Invercargill
 New Zealand
Phone: +64 3 218 4168
Fax: +64 3 218 4164
Email: sales@southquip.co.nz
Web: www.axismotorroller.com

Customer Details:
 Company: _____
 Contact Name: _____
 Phone: _____
 Fax: _____
 Email: _____
 Street: _____
 City: _____
 Country: _____

Drum Motor Design

Drum Motor Model:				
Drum Shell:	Crowned	<input type="checkbox"/>	Cylindric	<input type="checkbox"/>
Drum Face Width mm: (Dimension L)				
Drum Motor Construction:	Mild Steel / Alloy	<input type="checkbox"/>	Stainless	<input type="checkbox"/>
Power: [kw]				
Belt Speed: [m/sec]				

Electrical Information

Protection Class:	IP65	<input type="checkbox"/>	IP66	<input type="checkbox"/>	IP67	<input type="checkbox"/>
Iso Class:	F					
Voltage:						
No. of Phases:	Three Phase	<input type="checkbox"/>	Single Phase	<input type="checkbox"/>		
Frequency: [hz]						
Frequency Inverter VSD operation:	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>		
	VSD Output Voltage:					
	Expected Frequency Range: [hz]					

Mounting Dimensions

Shaft Mounting Dimensions:					
Direction of Spanner Mounting:	Horizontal	<input type="checkbox"/>	Verticle	<input type="checkbox"/>	
Spanner Length mm: (Mounting Length Dimension EL)					
Version Of Connection:	Terminal Box Version A*	<input type="checkbox"/>	Angular Cable Gland Version B	<input type="checkbox"/>	
	<small>*TM Series Only</small>		Straight Cable Gland Version D	<input type="checkbox"/>	
	Right Angled Straight Version C	<input type="checkbox"/>	Other	<input type="checkbox"/>	
	Angular Cable Gland SS Version E	<input type="checkbox"/>			

TM Series Options

Electromagnetic Brake:	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Mechanical Backstop:	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Free Direction of Rotation	Clockwise	<input type="checkbox"/>	Anti-Clockwise	<input type="checkbox"/>
Reverse Operation	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Rubber Coating	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>

Relevant Notes:

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