

Request template (1/2)

Koepe friction winder data required for rope quotation (*) and for technical evaluation			
Mine	Name of installation and shaft		
	Name of mine		
	* Type of installation		
	* Relevant standard (TAS, SABS, ISO ...)		
Head rope	* Type of shaft guides		
	* Number of head ropes		
	* Head rope construction used before		
	* Nominal head rope diameter used before		mm
	* Tensile grade used before (1770, 1960, ...)		N/mm ²
	* Lay type and direction of lay	<input type="checkbox"/> Ordinary <input type="checkbox"/> Lang's <input type="checkbox"/> Left <input type="checkbox"/> Right	
	* Rope wire finish	<input type="checkbox"/> Bright <input type="checkbox"/> Galvanized <input type="checkbox"/> Zn+Al	
	* Total head rope length		m
	* Max suspended head rope length		m
	Length of wind		m
	* Mass of head rope		kg/m
	* Required head rope MBL		kN
	Type of lubrication used before		
	Mass of lubrication	<input type="checkbox"/> Light <input type="checkbox"/> Medium <input type="checkbox"/> Heavy	
	* Safety factor (design factor) required		
* End connection			
Drum & sheave	Number of head ropes per Koepe drum		
	Distance between head ropes		mm
	Diameter of Koepe drum		mm
	Angle of wrap on Koepe drum		°
	Diameter of deflection sheave if installed		mm
	Angle of wrap on deflection sheave		°
	Distance of deflection sheave to Koepe drum		m
	Sheave diameter		mm
	Sheave maximum nominal tread pressure		Mpa
	Current average rope life		months

Please note that verope will keep your data confidential and will use it only for the purpose of producing a technically correct rope selection and quotation. verope needs the answers to the questions marked with an asterisk (*). Answers to the non marked questions are welcome but not absolutely necessary.

You can also find this sheet digitally by scanning the QR code.



Koepe friction winder data required for rope quotation (*) and for technical evaluation

Balance rope	* Number of balance ropes		
	* Balance rope construction used before		
	* Nominal balance rope diameter used before		mm
	* Tensile grade used before (1770, 1960, ...)		N/mm ²
	* Lay type and direction of lay	<input type="checkbox"/> Ordinary <input type="checkbox"/> Lang's <input type="checkbox"/> Left <input type="checkbox"/> Right	
	* Rope wire finish	<input type="checkbox"/> Bright <input type="checkbox"/> Galvanized <input type="checkbox"/> Zn+Al	
	* Total balance rope length		m
	* Suspended balance rope length with skip in loading station		m
	* Suspended balance rope length with skip in unloading position		m
	* Mass of balance rope		kg/m
	* Required balance rope MBL		kN
	Type of lubrication use before (brand)		
	Mass of lubrication (light / medium / heavy)	<input type="checkbox"/> Light <input type="checkbox"/> Medium <input type="checkbox"/> Heavy	
	* Safety factor (design factor) required		
	* End connection		
	* D/d ratio of balance rope loop		
	Current average rope life		months
Application	Tower or ground mounted Koepe drum		
	Mass of empty skip and attachments [kg]		kg
	Payload of skip [kg]		kg
	Skip factor (empty skip mass: payload)		
	How is rope tension monitored	<input type="checkbox"/> Manual <input type="checkbox"/> Load Cell	
	Max rope speed		m/sec
	Acceleration / deceleration		m/sec ²

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