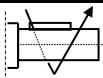
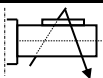


KUMERA	TECHNICAL SPECIFICATION	KQ - 17a
Purchaser ANDRITZ OY	Manufacturer KUMERA DRIVES OY	
Address FIN - 57101 SAVONLINNA, FINLAND	Address FIN-11100 RIIHIMÄKI, FINLAND	
Order No. / Item 4500347556	Order Conf.No./Item = Serial No. D320324/10-03.01/1-1	

Speed reducer data

Product				Assembly drawing No.	
LD-3560V-80-R-E1				G6005968B	
Ratio i	Shaft position	Structure code	Qty	Adapter	
80:1	L	E1	1		
Exact ratio u	Nominal power		Nominal torque	Dimension drawing No.	
75,213	620 / 1500 kW/1/min		285 kNm	G6005968B	
Rotation direction of the low speed shaft when looking towards the shaft end.		Clock-wise ☐  Counter-clockwise ☒ 		Weight	Rev.No.
				5600 kg	1
Remarks					
PROJECT: Ruzomberok					
LIME KILN 3.6x110 m					
- through going input shaft for auxliary drive					
- water cooling coil with water thermostat					
Painting					
SFS-EN ISO 12944-5, EPZn(R)EPPUR 300/4-FeSa 2½, RAL 5012					
Documents			Customer's drawings		
5 x Slovak or Czech + CD ,2 x English + CD					

Operating conditions

Driven machine Lime kiln			Starting frequency Starts / h					
Shaft connection: High speed shaft Flexible coupling Nor-Mex GBT265			Low speed shaft Pinion gear wheel (6005899)					
Running power P_{K1} 250 kW		Running torque M_{K2} 121 kNm		Service factor 2,35		n_2 19.8 1/min		
Driving machine Electric motor, SIEMENS 1LA8 315-4PB80-Z			$P_N =$ 250 kW		$n_1 =$ 1500 1/min		Voltage 400 V	Frequency Hz
Operation hours 24 h/d 8640 h/a		Ambient temperature $t_{norm} =$ °C $t_{max} = +60$ °C $t_{min} = -25$ °C						
Remarks								
Oil recommendation ISO VG 220						Lubricant spec. plate No.		
Lubrication method Splash lubrication								
Grease nipples				Oil quantity 550 liters				

Notice! The oil quantity given is only a recommendation.
The oil level must always be checked by an oil level sight glass, an oil level plug or a dipstick.

Issue by

Place and date Riihimäki 9.8.2010		Signature			
address Kumerankatu 2 FIN-11100 Riihimäki, Finland	telephone +358 (0)20 755 4200	telefax +358 (0)20 755 4220	e-mail drives@kumera.com		
					10.04.2001