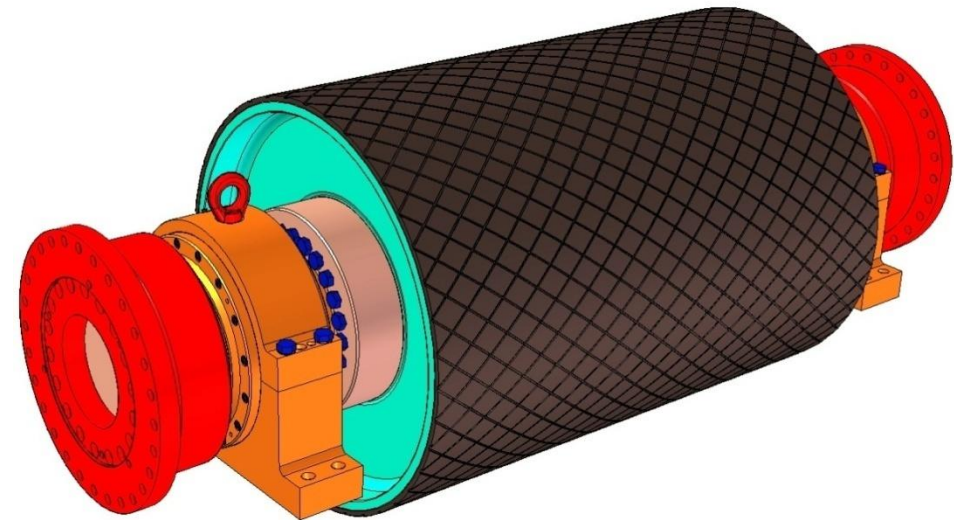


## DRIVE PULLEYS FOR BELT CONVEYORS (for underground mining or surface applications)

### DRIVE PULLEYS DESCRIPTION

- Heavy-duty design for underground mining or surface applications
- Turbine end-disc or T-section design eliminating welds in areas of high stress concentrations
- With or without flange coupling as requested
- Keyless locking elements between shaft and end disc, and between shaft and flange coupling
- Ceramic or rubber lagging for underground mining or surface applications
- Static balancing
- Non-destructive testing (NDT)
- Thin bearing housing for short width of drive station
- Finite element analysis (FEA) for optimal dimension
- Long bearing life,  $L_h$  greater than 150 000 h
- Heat stress relieving



# MINING MACHINES DIVISION

## DRIVING PULLEY ENQUIRY FORM



Company		
Contact person / email		
Belt width		mm
Belt speed		m/s
Belt tension T1 run		kN
Belt tension T2 run		kN
Belt tension T1 start		kN
Belt tension T2 start		kN
Belt contact angle to T1		°
Wrap angle		°
Using of drive pulley		underground surface
Lagging		rubber ceramic
Lagging thickness		mm
Drive trust orientation		leading trailing
Drive mass ( gearbox + motor + base + coupling )		kg
Dimension L1		mm
Dimension L2		mm
Dimension L3		mm
Dimension L4		mm
Dimension L5		mm
Dimension h		mm
Drum diameter D1 without lagging		mm
Type drive		single dual
Quantity		pieces

