

ENGINEERING DATA TO DESIGN A CONVEYOR PULLEY, SHAFT & BEARING



Company _____ Contact _____
 Address _____ Phone # _____
 Project _____

Conveyor Data

Belt Fabric _____ Steel _____ Other _____ Width _____
Take Up Gravity _____ Gravity Wire Rope _____ Hydraulic _____ Screw _____
Drive Motor HP _____ Speed _____ FPM Capacity _____ TPH
Layout Length _____ ft Lift _____ ft Material _____
Service Life # Shifts/day _____ # Months/year _____ Pulley Life _____ yrs
Quote Brgs? Type? _____ B10 Life _____ hrs TU Frame? Type? _____
 Idlers? _____ Impact System? _____ EZ Slider? _____ Smart Roll? _____

Conveyor ID					
Pulley Location					
Quantity					
Pulley Type					
Outside Diameter (OD) without lagging					
Face Width					
Crown or Flat Face					
Lagging thickness					
Lagging groove					
Lagging Specs					
Shaft Diameter @ Hub					
Shaft Diameter @ Brg					
Shaft Diameter @ Drive					
# KW					
Shaft Length					
Bearing Centers (BC)					
Wrap (Arc of Contact)					
T1					
T2					
T2					

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