



Technical Questionnaire

for Rolling Mills

Please send back to: industrial@dana.com

Customer data

Company: _____ Phone: _____
Name: _____ Fax: _____
Function: _____ E-Mail: _____
Address: _____ Date: _____

Drive

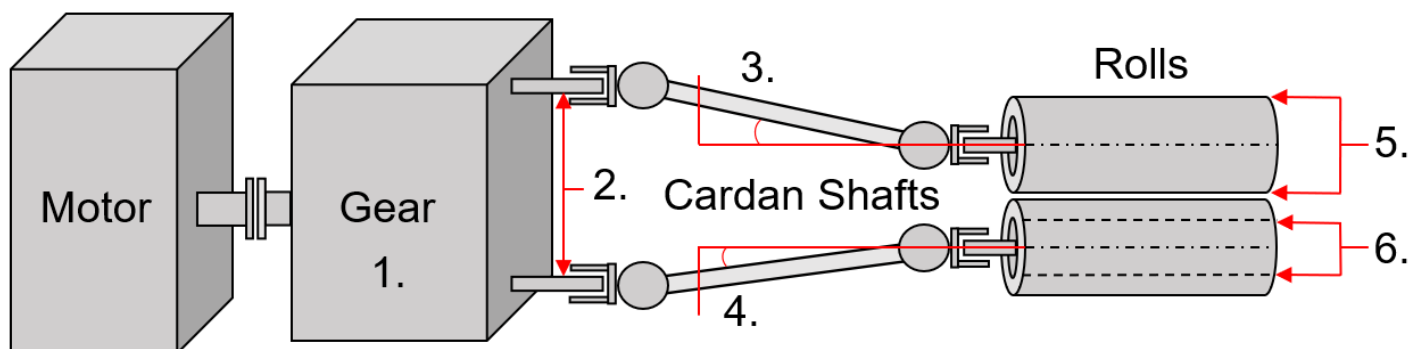
AC - Motor: _____ DC - Motor: _____ Motor Power: _____ kW
Cut of: _____ Rated Speed: _____ 1/min
Max. Permanent Overload: _____ % Max. rpm: _____ 1/min
TAF: _____ % Max. Rolling Torque: _____ Nm

Application

New Machine: _____ Repair: _____ Modernization: _____

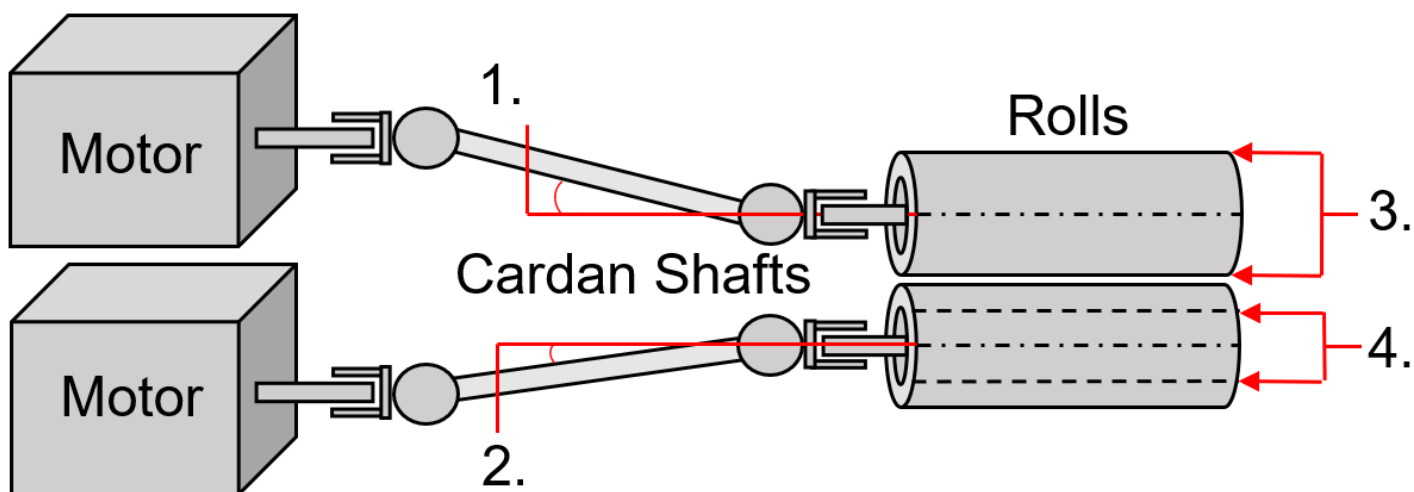
Choose **one** of the following models which is most similar to your application and fill out:

I.



1. Gear Ratio: _____ i
 2. Distance Shaft- Output: _____ mm
 3. Operation Angle 1: min _____ β_1 max _____ β_2 _____ 5. Work Rolls max Ø: _____ mm
 4. Operation Angle 2: min _____ β_3 max _____ β_4 _____ 6. Work Rolls min Ø: _____ mm

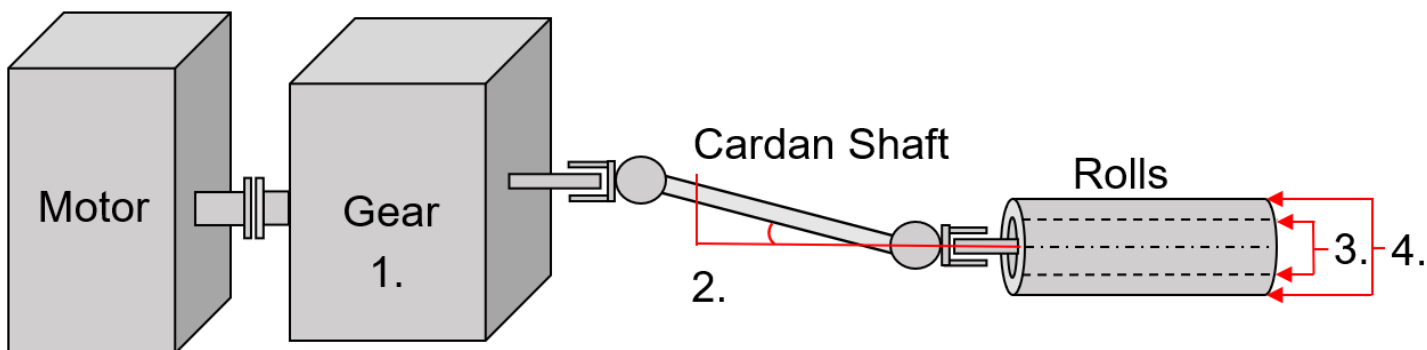
II.



1. Operation Angle 1: min β_1 max β_2 5. Work Rolls max Ø: mm

2. Operation Angle 2: min β_3 max β_4 6. Work Rolls min Ø: mm

III.



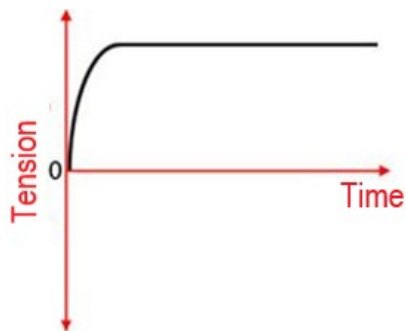
1. Gear Ratio: i

2. Operation Angle 1: min β_1 max β_2

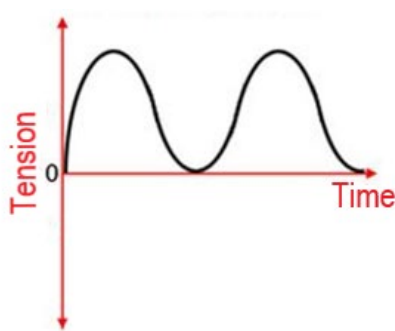
3. Work Roll max Ø: mm

4. Work Roll min Ø: mm

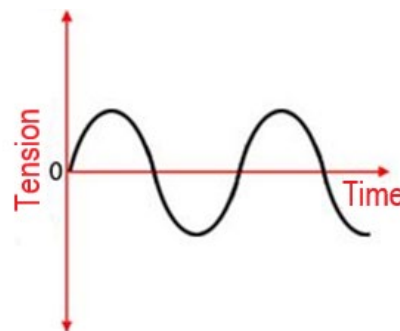
Load



static Load



pulsating,
dynamic Load



reversing,
dynamic Load

Environmental Temperature: min.: °C max.: °C

Dust:

Water:

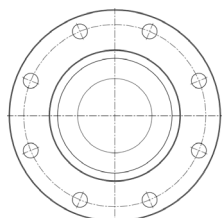
Dirt:

Shock:

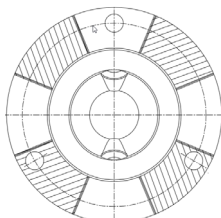
Flange connection

Drive:

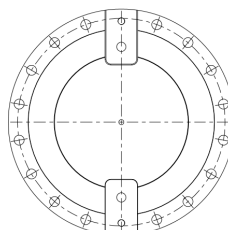
DIN- Flange



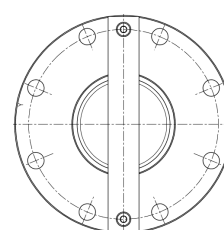
Claw- Toothed



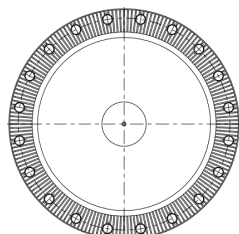
Splitted Face Key



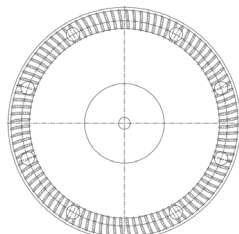
Face Key



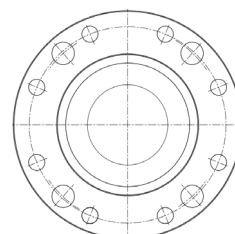
Hirth- Serration



Klingelnberg- Serration



Dowel- Pin



Outer Diameter: mm

Pitch Diameter: mm

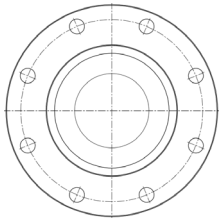
Spigot: mm

Number of Holes:

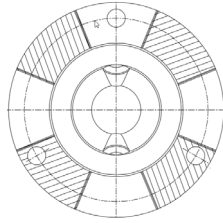
Bore Diameter: mm

Output:

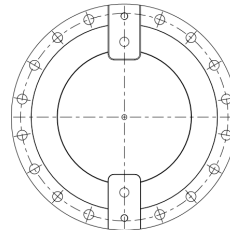
DIN- Flange



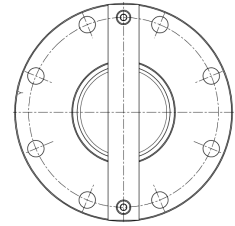
Claw- Toothed



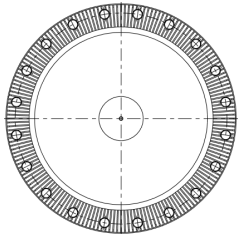
Splitted Face Key



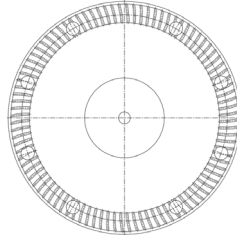
Face Key



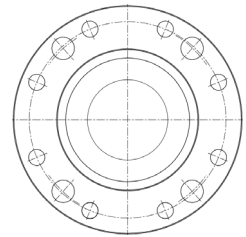
Hirth- Serration



Klingelnberg- Serration



Dowel- Pin



Outer Diameter: mm

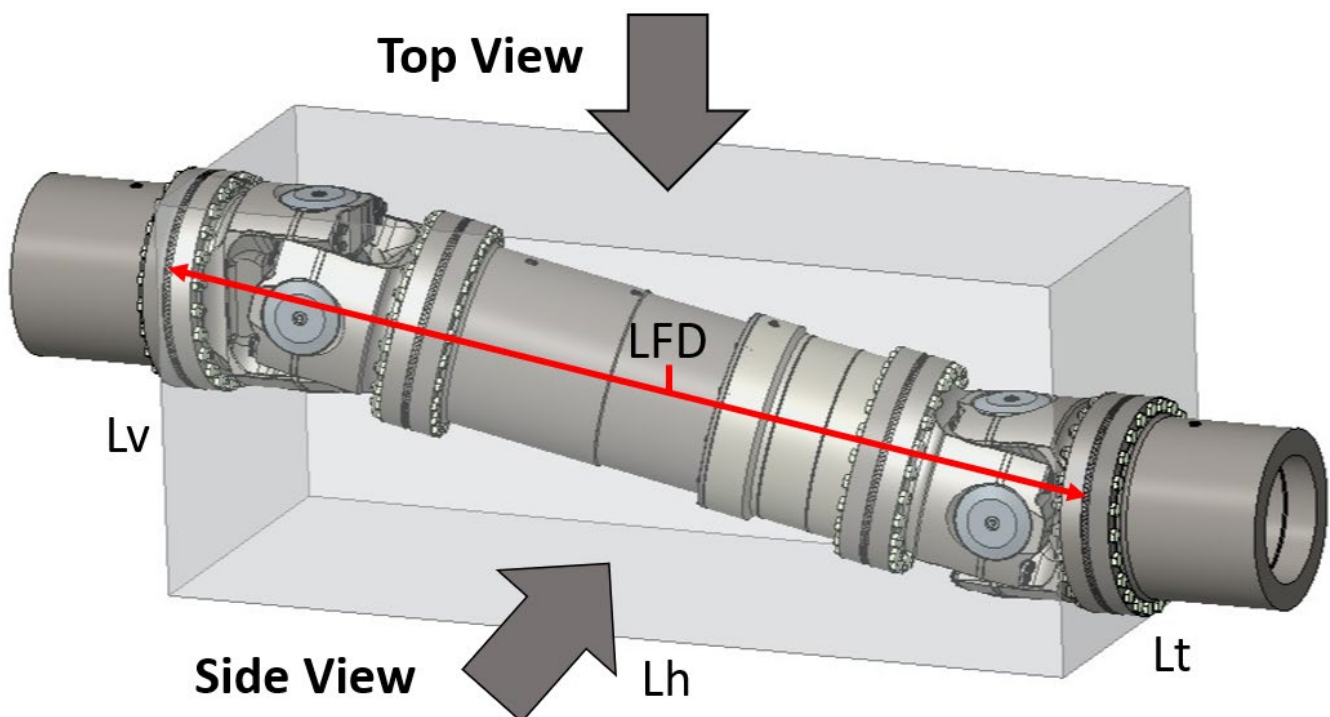
Pitch Diameter: mm

Spigot: mm

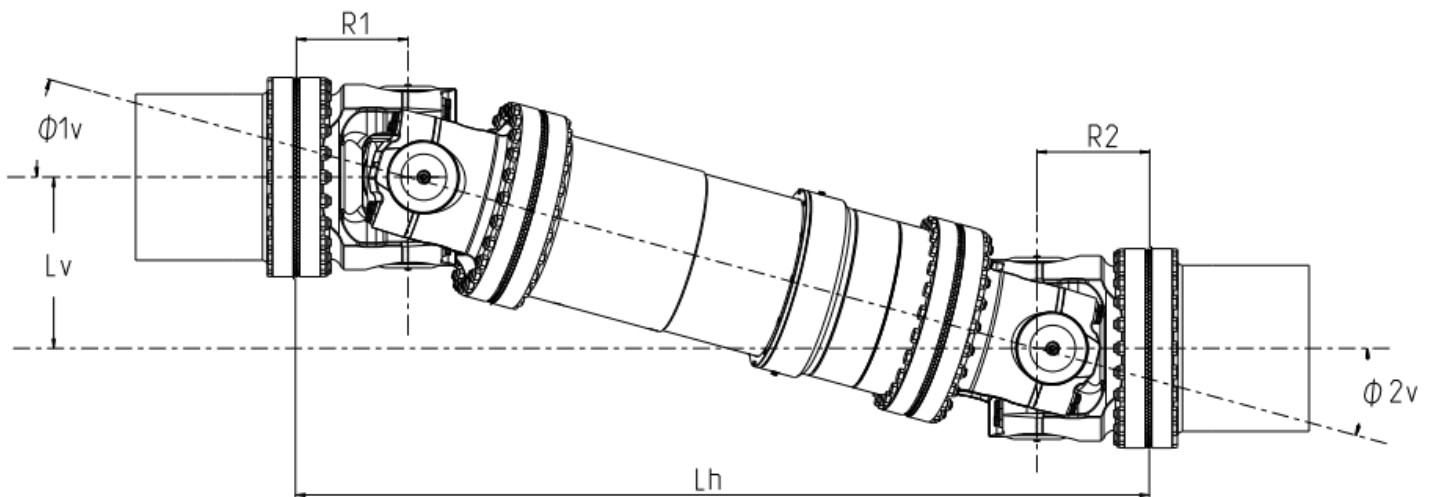
Number of Holes:

Bore Diameter: mm

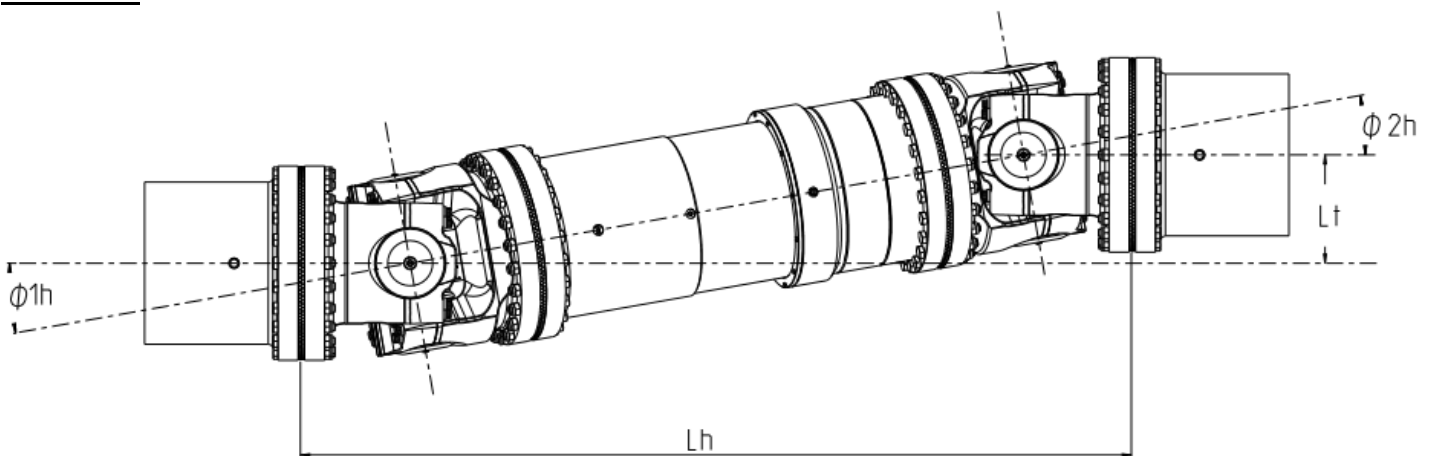
Installation



Top View:



Side View:



Diagonal distance between both companion flanges **LFD:** mm

Horizontal distance between both companion flanges **Lh:** mm

Offset (Height) **Lv:** mm Offset (Depth) **Lt:** mm

Flange height joint **R1:** mm Flange height joint **R2:** mm

Resulting angle deflection based on zero position:

R1: **R2:**
Ø1v **Ø2v**

Ø1h **Ø2h**