RIGHT ANGLE SHAFT MOUNTED DRIVE ASSEMBLY DATA SHEET (1 MOTOR)

FORM: OHL_RGHTANG1
PAGE 1
REV. 4, ECO18-913
12/26/18

NOTES:
1) DATA NOT NEEDED IF USING FLEXIBLE LOW SPEED COUPLINGS.
2) RIGID COUPLING MAY NOT BE PRESENT.
3) IF MORE THEN 1 DRIVE PULLEY EXISTS ON THE CONVEYOR, PROVIDE SEPARATE SHEET FOR EACH PULLEY.
4) IS THIS A TRIPPER CONVEYOR? (Y / N)
5) FILL OUT EITHER TYPE A OR TYPE B SECTION DEPENDING ON ORIENTATION

T1: _____

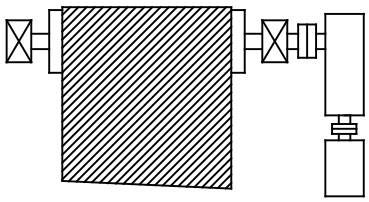
T2: _____

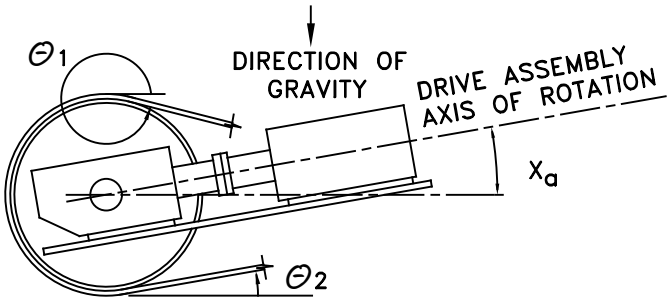
MOTOR HP: _____

BELT SPEED: _____

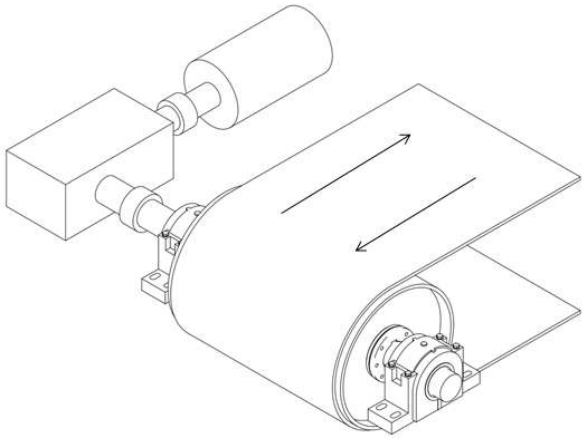
TYPE A:

Ⓐ





CIRCLE BELT DIRECTION



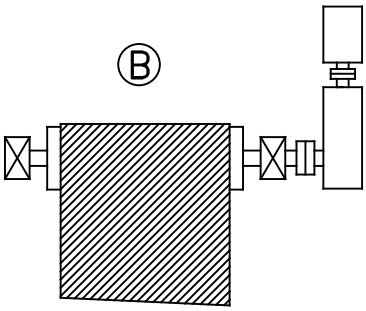
BELT ANGLE COMING OFF PULLEY IN (Θ_1): _____

BELT ANGLE COMING OFF PULLEY IN (Θ_2): _____

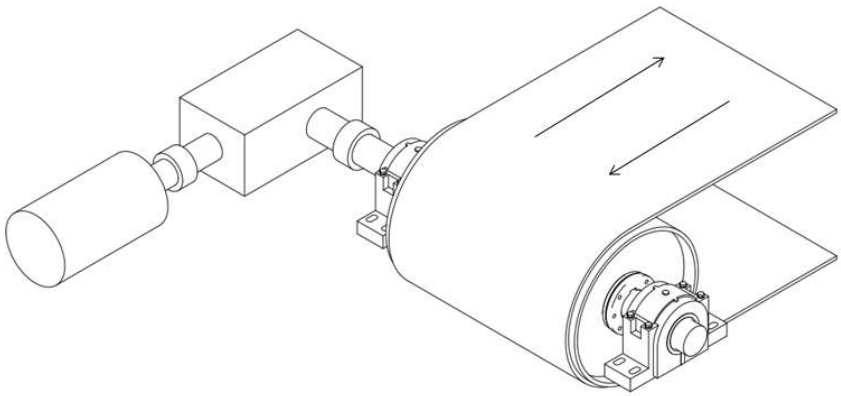
DRIVE ASSEMBLY ANGLE (X_a): _____

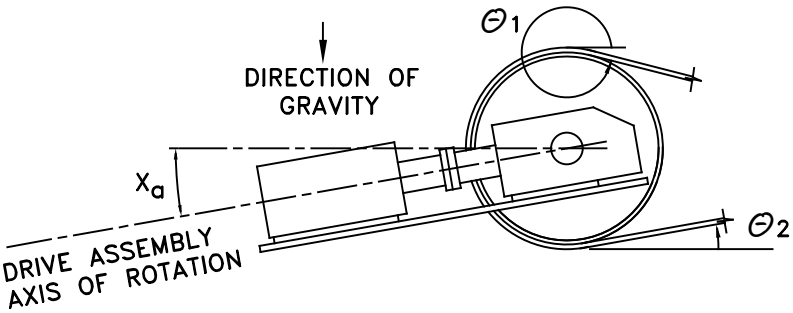
TYPE B:

Ⓑ



CIRCLE BELT DIRECTION





BELT ANGLE COMING OFF PULLEY IN (Θ_1): _____

BELT ANGLE COMING OFF PULLEY IN (Θ_2): _____

DRIVE ASSEMBLY ANGLE (X_a): _____

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* PPI WILL NOT BE RESPONSIBLE FOR ISSUES RELATED TO OVERHUNG LOADS.

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DRIVE ASSEMBLY DATA

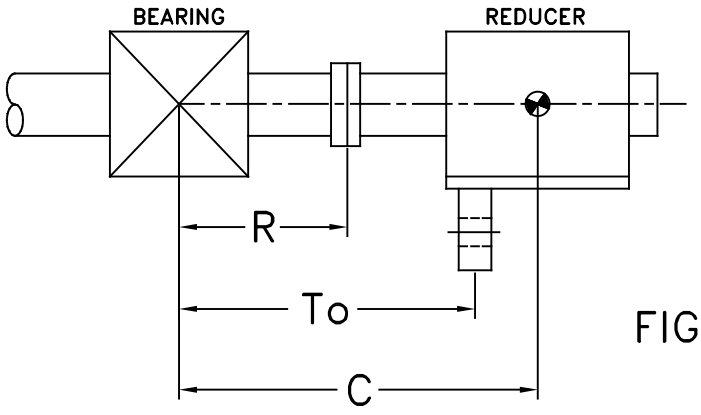

FIG. 1

FIG. 1

REDUCER/BEARING CENTER DISTANCE (C): .....
TORQUE ARM/BEARING CENTER DISTANCE (To): .....
RIGID COUPLING/BEARING CENTER DISTANCE (R): ..
RIGID COUPLING WEIGHT: .....

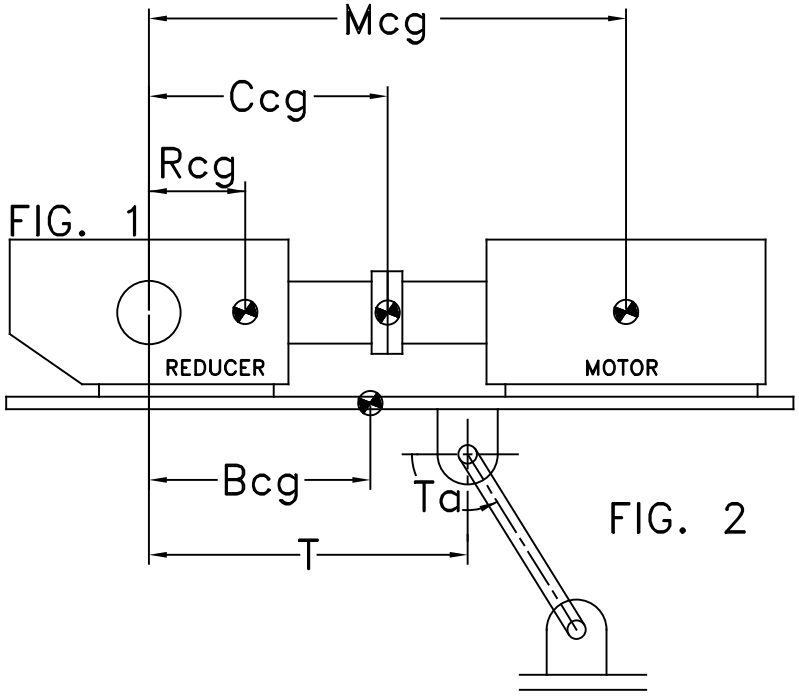

FIG. 2

FIG. 2

TORQUE ARM DISTANCE (T): .....
TORQUE ARM ANGLE (Ta): .....
REDUCER CENTER OF GRAVITY (Rcg): .....
REDUCER WEIGHT INCLUDING OIL: .....
HIGH SPEED COUPLING CENTER OF GRAVITY (Ccg:) .....
HIGH SPEED COUPLING WEIGHT: .....
MOTOR CENTER OF GRAVITY (Mcg): .....
MOTOR WEIGHT: .....
BASE CENTER OF GRAVITY (Bcg): .....
BASE WEIGHT: .....

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