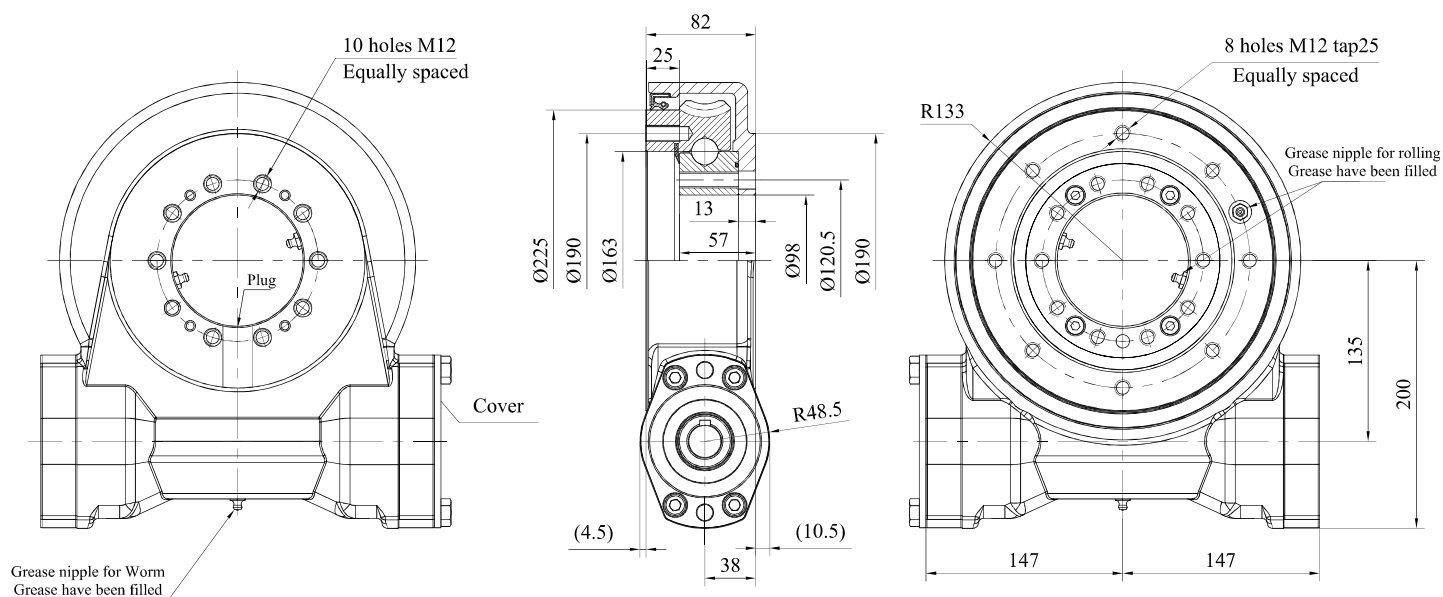
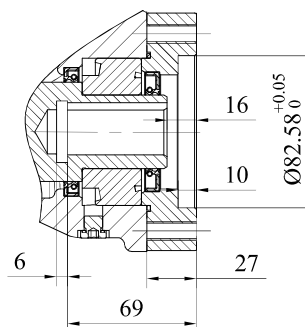
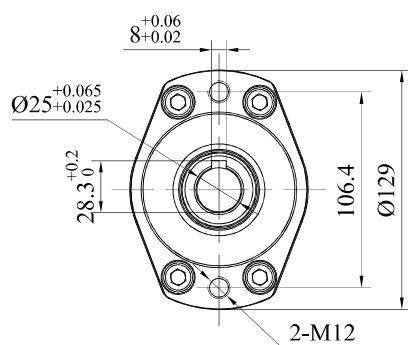


# Slew Drive TD-E7



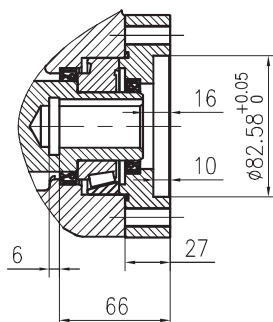
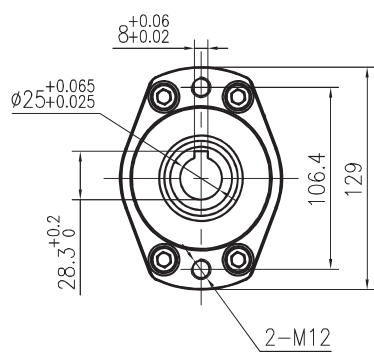
## Input

Both ends can be fitted with motors

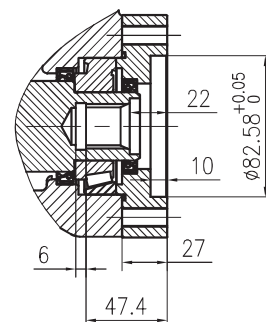
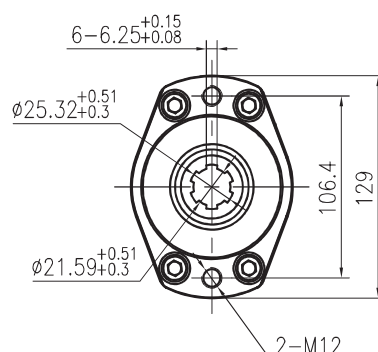


## OPTION

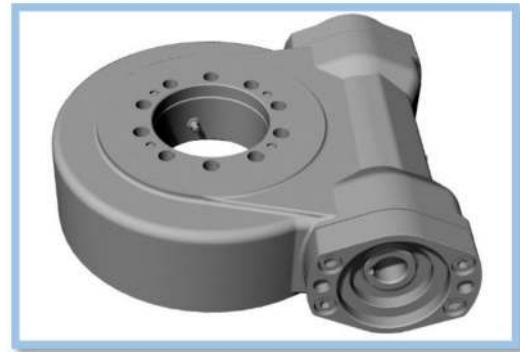
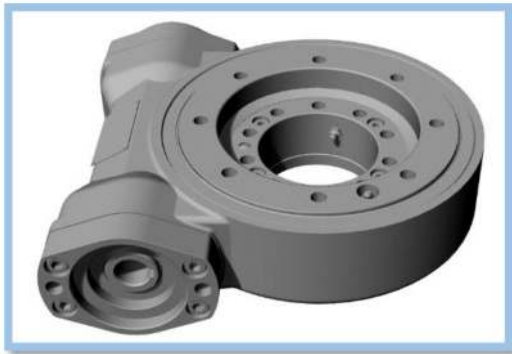
Input  
 $\varnothing 25$  Hole



Input  
6B Spline



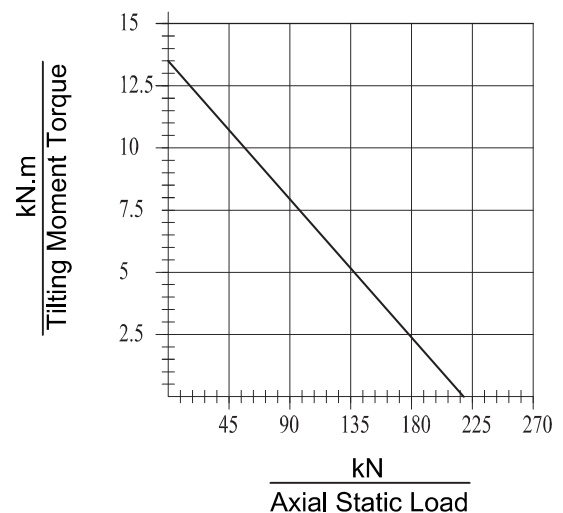
# Slew Drive TD-E7



## Slew Drives Performance Parameters

|                            |               |
|----------------------------|---------------|
| <b>Nominal Torque</b>      | 3.4kN.m       |
| <b>Maximum Torque</b>      | 6.5kN.m       |
| <b>Gear Ratio</b>          | 45:1          |
| <b>Backlash</b>            | 0.17°         |
| <b>Efficiency</b>          | 40%           |
| <b>Temperature</b>         | -30° / +80° C |
| <b>Holding Torque</b>      | 20kN.m        |
| <b>Axial Static Load</b>   | 270kN         |
| <b>Radial Static Load</b>  | 94kN          |
| <b>Axial Dynamic Load</b>  | 97kN          |
| <b>Radial Dynamic Load</b> | 83kN          |
| <b>Tilting Moment Load</b> | 13.5kN.m      |

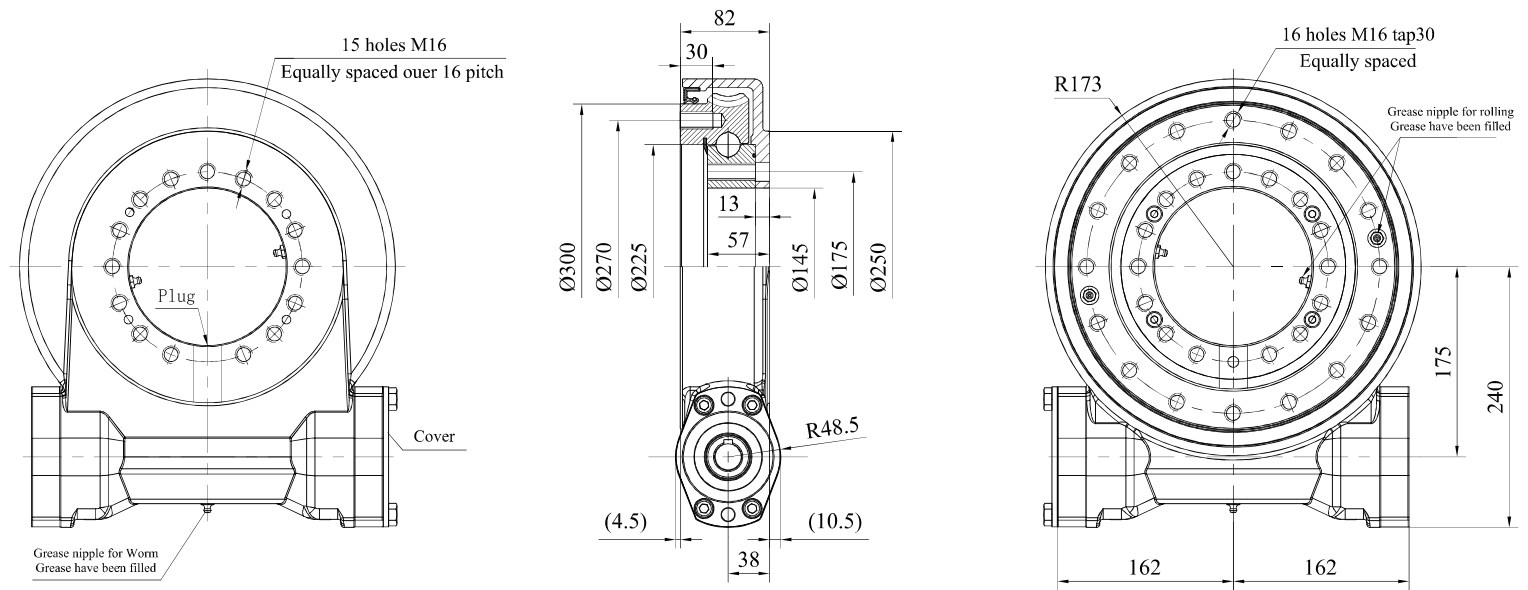
## Axial Static & Tilting Moment



### Notes:

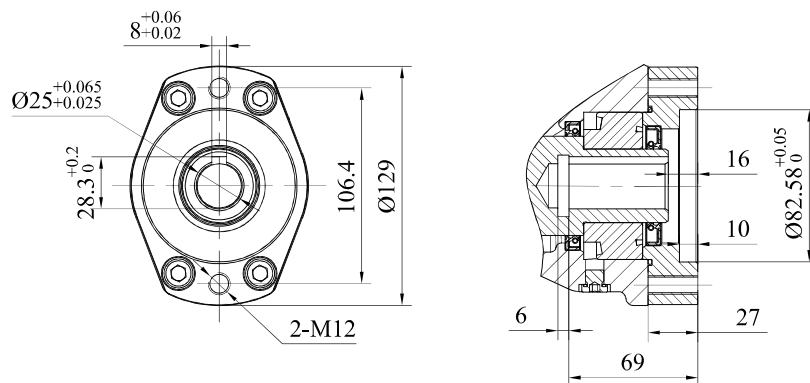
- Please Be Sure To Remain Under This Curve
- This Drawing Is Just For Your Reference
- All Slew Drives Are Pre-Lubricated.
- Maximum Output Speed 1rpm.
- Standard Paint: For Corrosion Category C3-M. Color Ral 7016.
- Protection: IP 65
- Worm Symmetrical.

# Slew Drive TD-E9



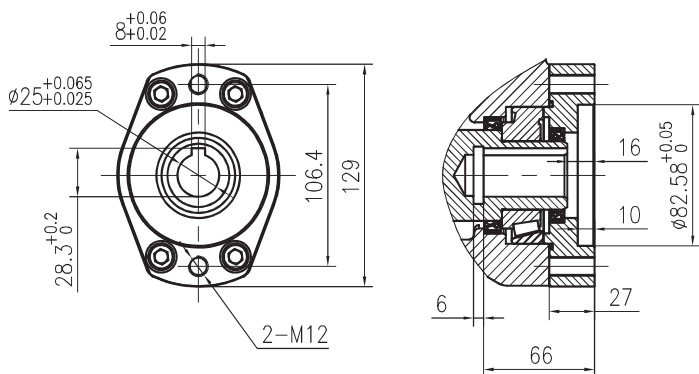
## Input

Both ends can be fitted with motors

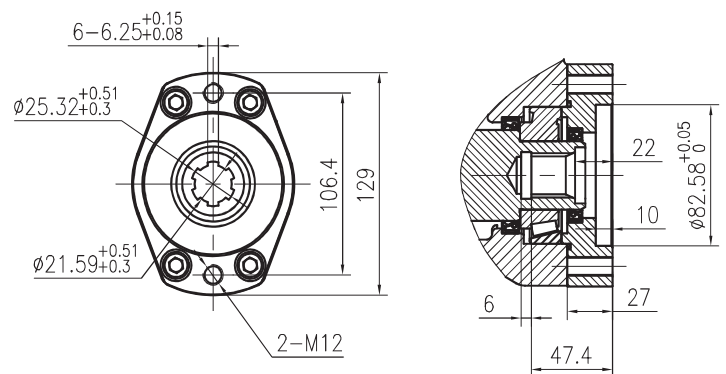


## OPTION

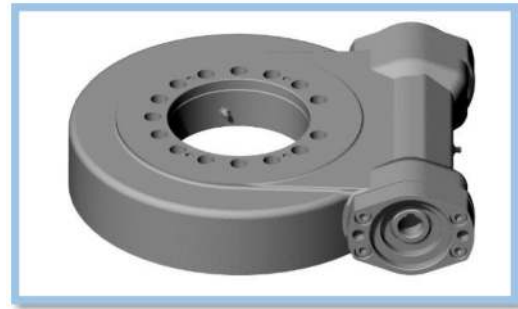
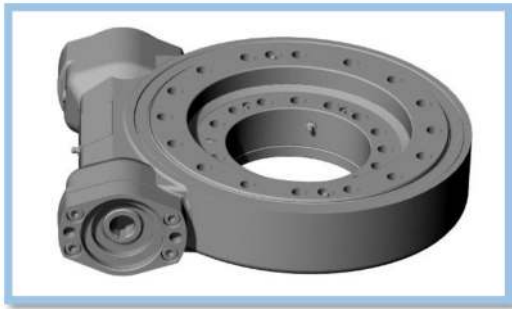
Input  
 $\varnothing 25$  Hole



Input  
6B Spline



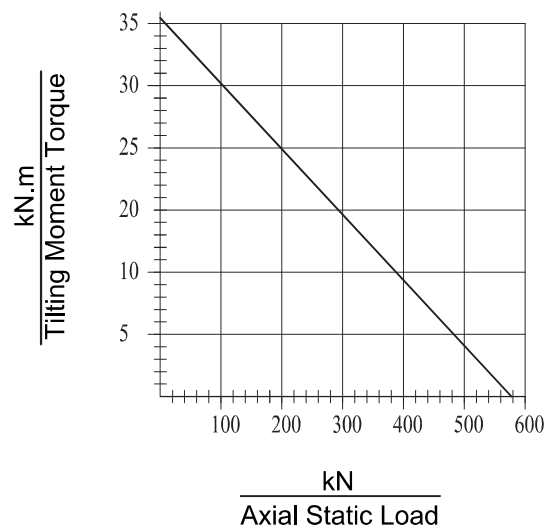
# Slew Drive TD-E9



## Slew Drives Performance Parameters

|                            |               |
|----------------------------|---------------|
| <b>Nominal Torque</b>      | 6.3kN.m       |
| <b>Maximum Torque</b>      | 9.5kN.m       |
| <b>Gear Ratio</b>          | 62:1          |
| <b>Backlash</b>            | 0.15°         |
| <b>Efficiency</b>          | 40%           |
| <b>Temperature</b>         | -30° / +80° C |
| <b>Holding Torque</b>      | 34.8kN.m      |
| <b>Axial Static Load</b>   | 578kN         |
| <b>Radial Static Load</b>  | 215kN         |
| <b>Axial Dynamic Load</b>  | 154kN         |
| <b>Radial Dynamic Load</b> | 132kN         |
| <b>Tilting Moment Load</b> | 35.6kN.m      |

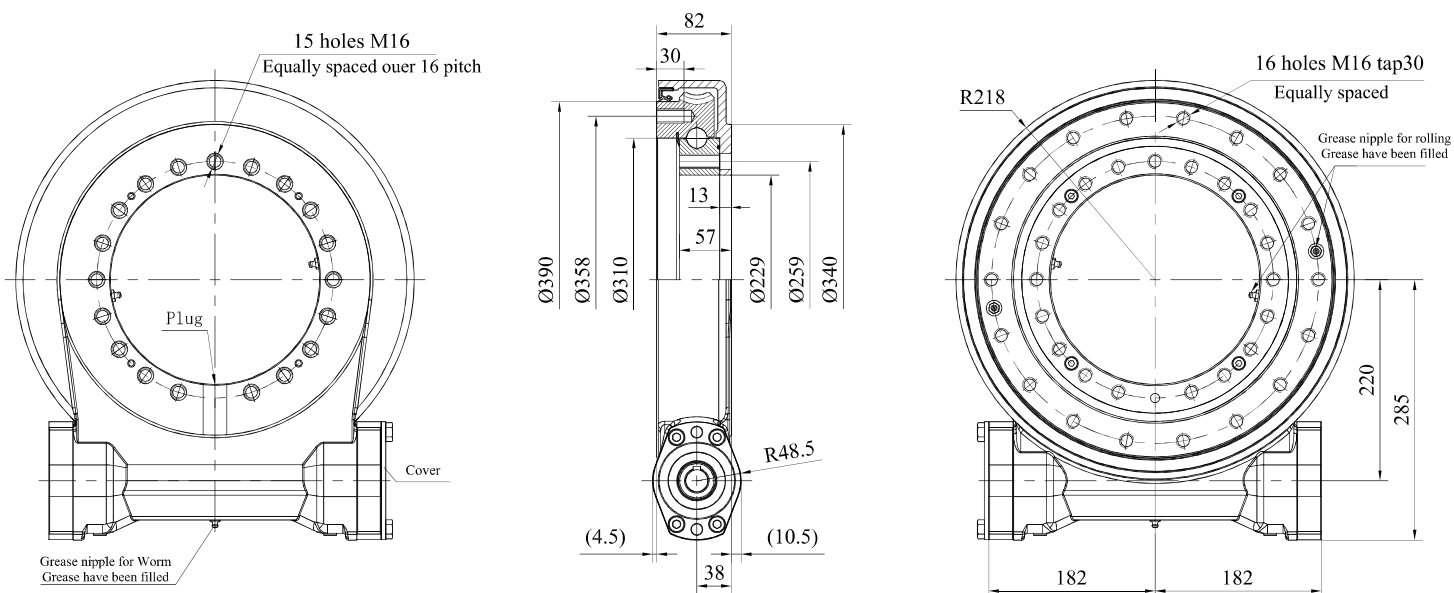
## Axial Static & Tilting Moment



### Notes:

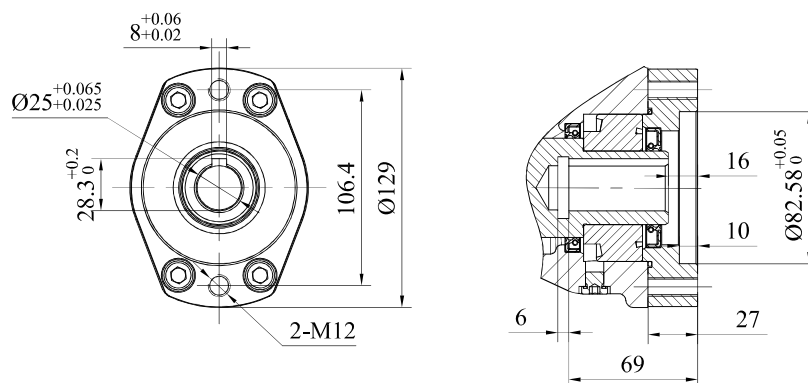
- Please Be Sure To Remain Under This Curve
- This Drawing Is Just For Your Reference
- All Slew Drives Are Pre-Lubricated.
- Maximum Output Speed 1rpm.
- Standard Paint: For Corrosion Category C3-M. Color Ral 7016.
- Protection: IP 65
- Worm Symmetrical.

# Slew Drive TD-E12



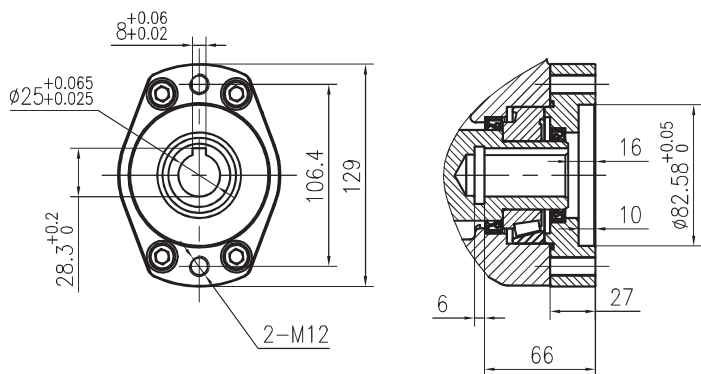
## Input

Both ends can be fitted with motors

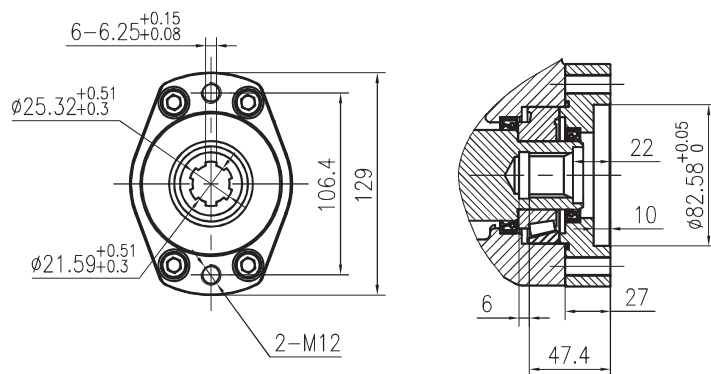


## OPTION

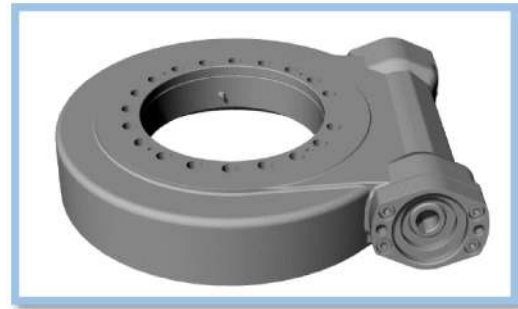
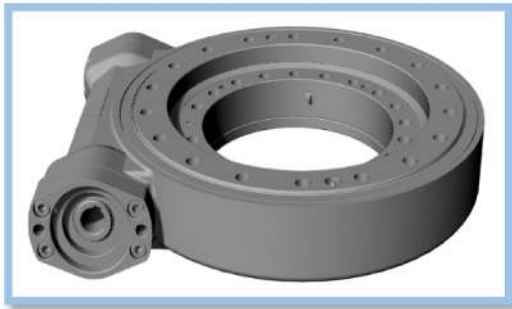
Input  
Ø25 Hole



Input  
6B Spline



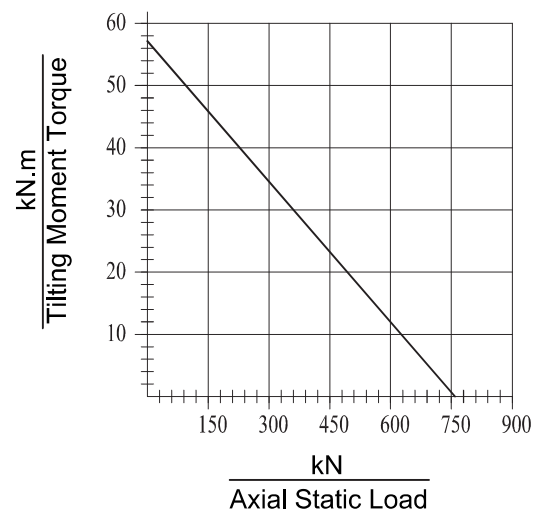
# Slew Drive TD-E12



## Slew Drives Performance Parameters

|                            |               |
|----------------------------|---------------|
| <b>Nominal Torque</b>      | 7.8kN.m       |
| <b>Maximum Torque</b>      | 11.8kN.m      |
| <b>Gear Ratio</b>          | 79:1          |
| <b>Backlash</b>            | 0.15°         |
| <b>Efficiency</b>          | 40%           |
| <b>Temperature</b>         | -30° / +80° C |
| <b>Holding Torque</b>      | 43kN.m        |
| <b>Axial Static Load</b>   | 760kN         |
| <b>Radial Static Load</b>  | 280kN         |
| <b>Axial Dynamic Load</b>  | 190kN         |
| <b>Radial Dynamic Load</b> | 145kN         |
| <b>Tilting Moment Load</b> | 57kN.m        |

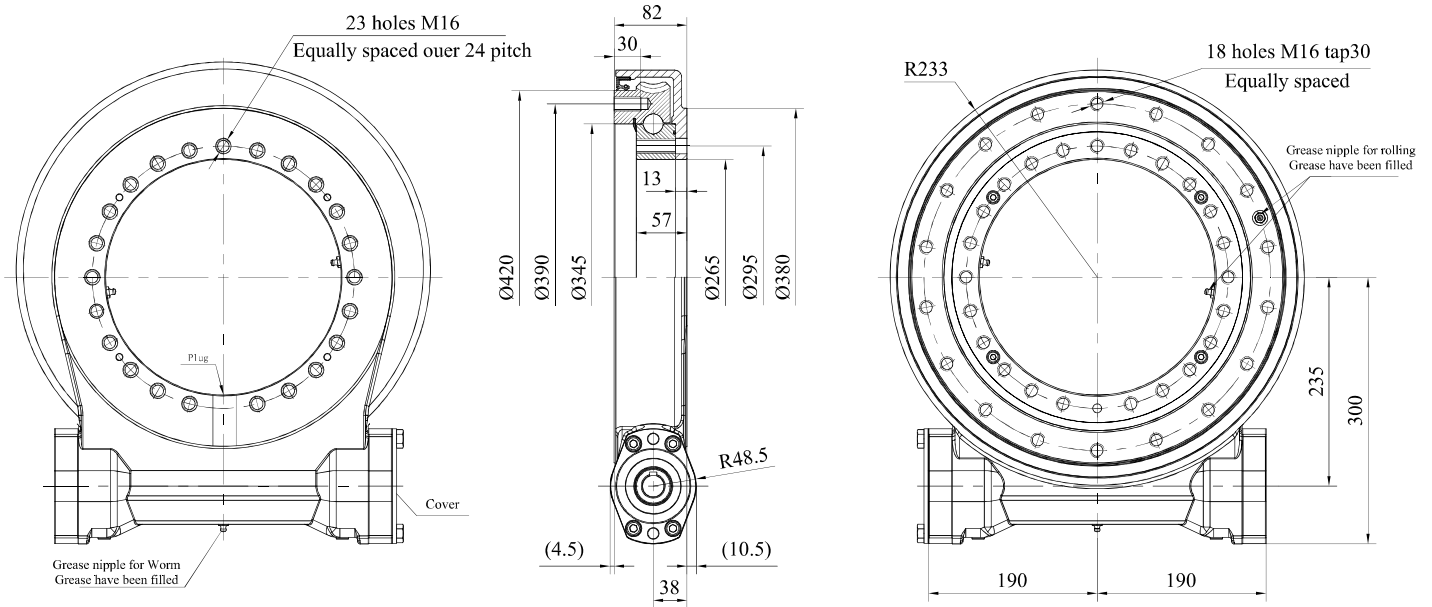
## Axial Static & Tilting Moment



### Notes:

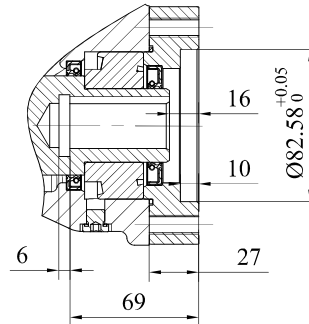
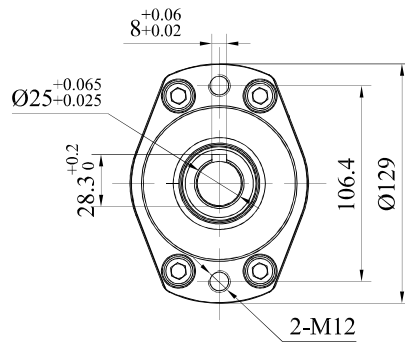
- Please Be Sure To Remain Under This Curve
- This Drawing Is Just For Your Reference
- All Slew Drives Are Pre-Lubricated.
- Maximum Output Speed 1rpm.
- Standard Paint: For Corrosion Category C3-M. Color Ral 7016.
- Protection: IP 65
- Worm Symmetrical.

# Slew Drive TD-E14



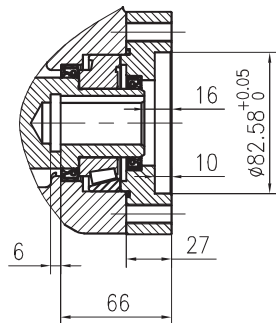
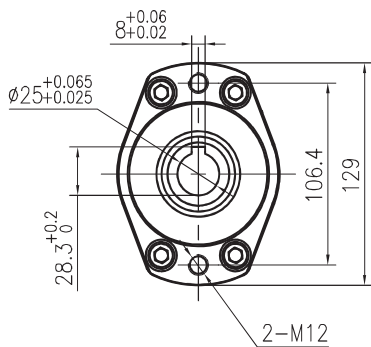
## Input

Both ends can be fitted with motors

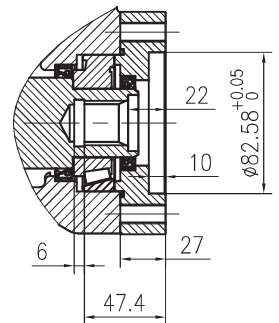
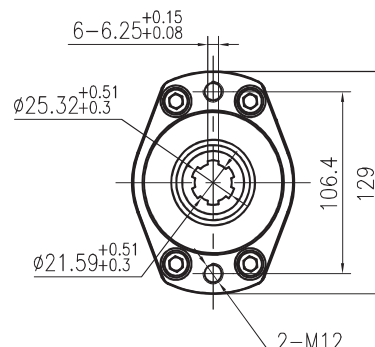


## OPTION

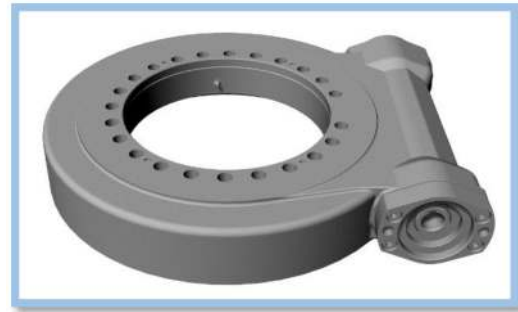
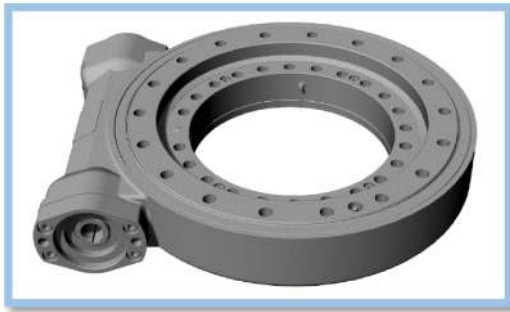
Input  
 $\varnothing 25$  Hole



Input  
6B Spline



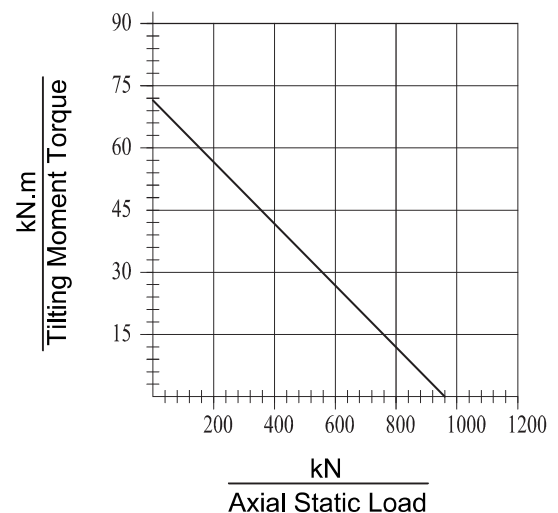
# Slew Drive TD-E14



## Slew Drives Performance Parameters

|                            |               |
|----------------------------|---------------|
| <b>Nominal Torque</b>      | 10.2kN.m      |
| <b>Maximum Torque</b>      | 12.9kN.m      |
| <b>Gear Ratio</b>          | 86:1          |
| <b>Backlash</b>            | 0.13°         |
| <b>Efficiency</b>          | 40%           |
| <b>Temperature</b>         | -30° / +80° C |
| <b>Holding Torque</b>      | 43kN.m        |
| <b>Axial Static Load</b>   | 960kN         |
| <b>Radial Static Load</b>  | 360kN         |
| <b>Axial Dynamic Load</b>  | 230kN         |
| <b>Radial Dynamic Load</b> | 200kN         |
| <b>Tilting Moment Load</b> | 71.2kN.m      |

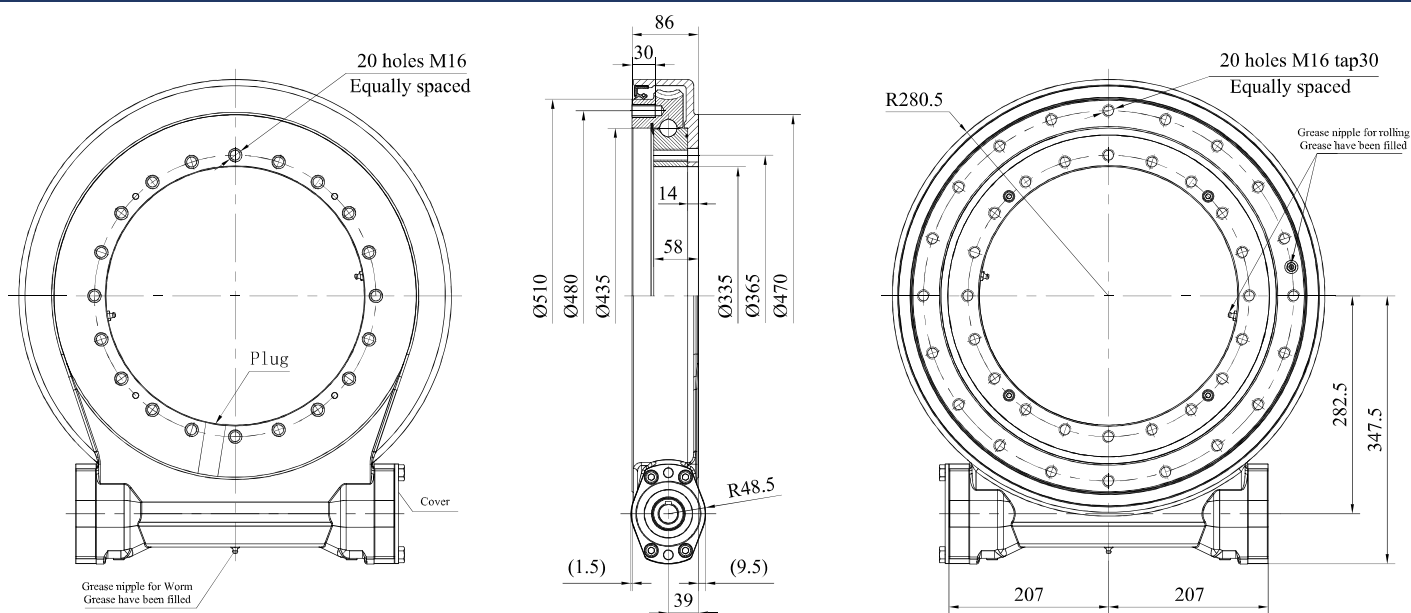
## Axial Static & Tilting Moment



### Notes:

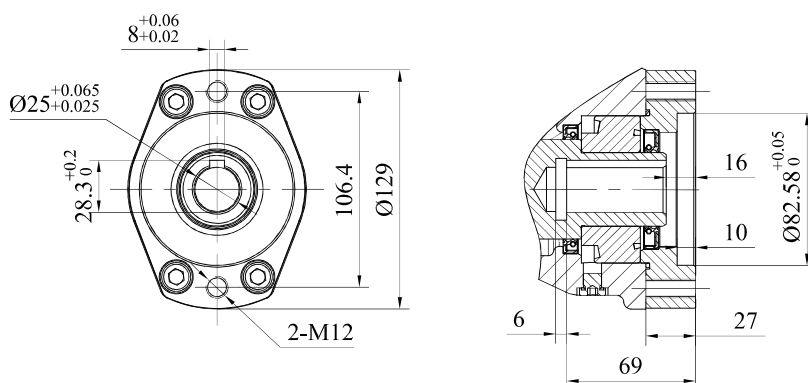
- Please Be Sure To Remain Under This Curve
- This Drawing Is Just For Your Reference
- All Slew Drives Are Pre-Lubricated.
- Maximum Output Speed 1rpm.
- Standard Paint: For Corrosion Category C3-M. Color Ral 7016.
- Protection: IP 65
- Worm Symmetrical.

# Slew Drive TD-E17



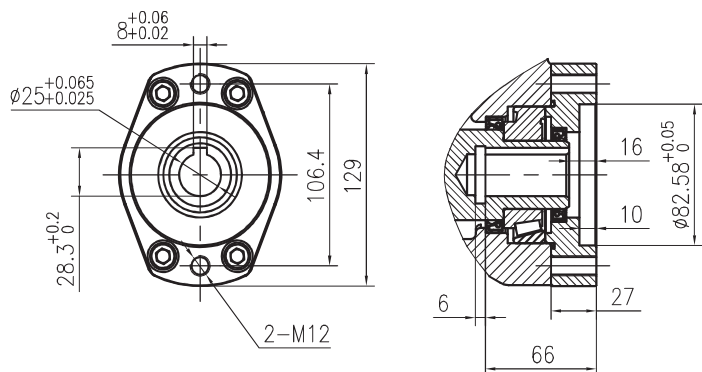
## Input

Both ends can be fitted with motors

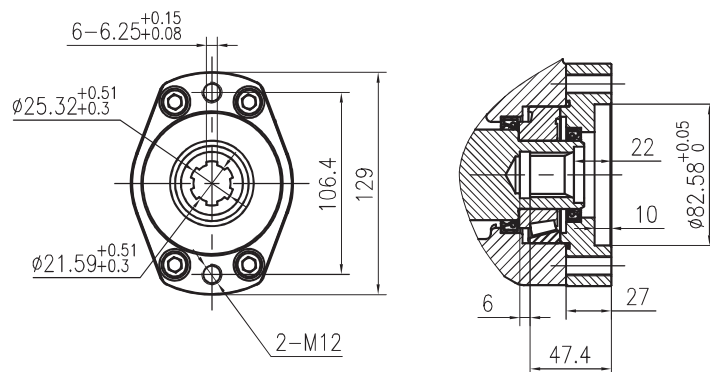


## OPTION

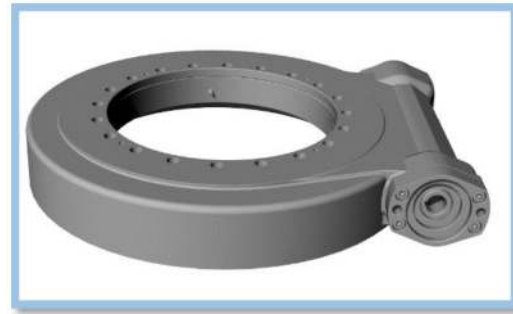
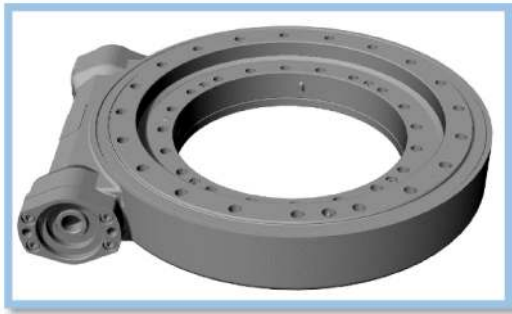
Input  
Ø25 Hole



Input  
6B Spline



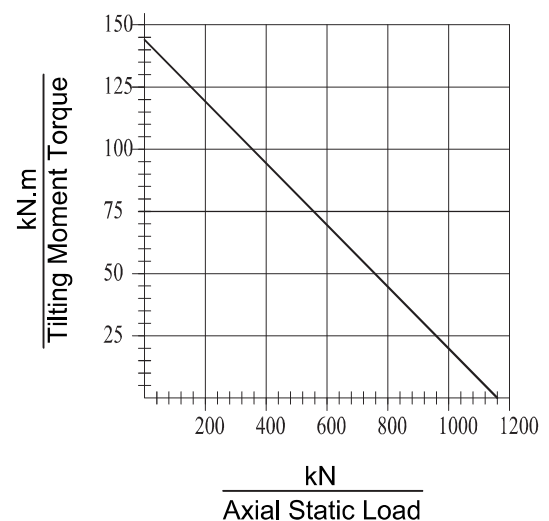
# Slew Drive TD-E17



## Slew Drives Performance Parameters

|                            |               |
|----------------------------|---------------|
| <b>Nominal Torque</b>      | 14.7kN.m      |
| <b>Maximum Torque</b>      | 15.6kN.m      |
| <b>Gear Ratio</b>          | 104:1         |
| <b>Backlash</b>            | 0.1°          |
| <b>Efficiency</b>          | 40%           |
| <b>Temperature</b>         | -30° / +80° C |
| <b>Holding Torque</b>      | 65kN.m        |
| <b>Axial Static Load</b>   | 1166kN        |
| <b>Radial Static Load</b>  | 435kN         |
| <b>Axial Dynamic Load</b>  | 280kN         |
| <b>Radial Dynamic Load</b> | 231kN         |
| <b>Tilting Moment Load</b> | 143kN.m       |

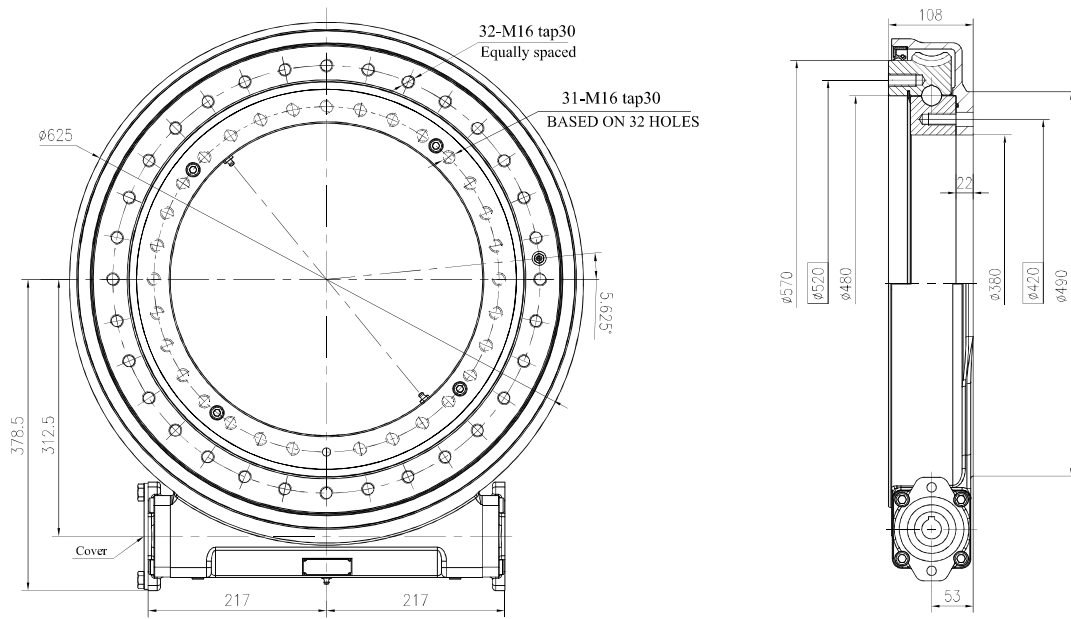
## Axial Static & Tilting Moment



### Notes:

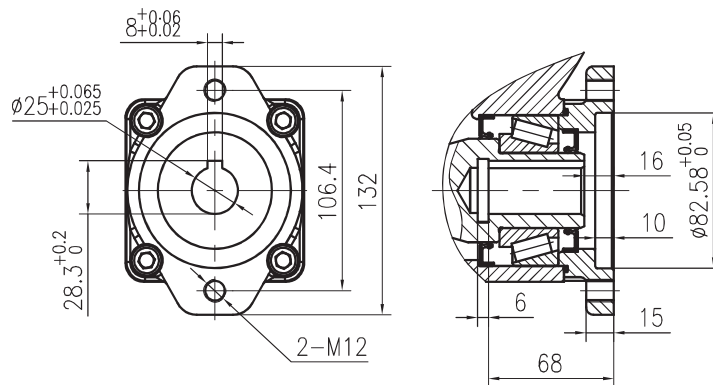
- Please Be Sure To Remain Under This Curve
- This Drawing Is Just For Your Reference
- All Slew Drives Are Pre-Lubricated.
- Maximum Output Speed 1rpm.
- Standard Paint: For Corrosion Category C3-M. Color Ral 7016.
- Protection: IP 65
- Worm Symmetrical.

# Slew Drive TD-E19



## Input

Both ends can be fitted with motors

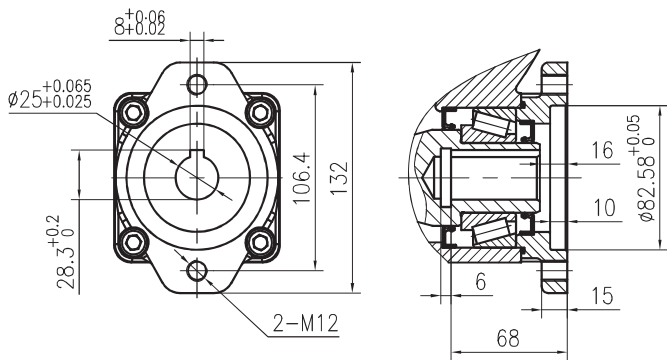


116

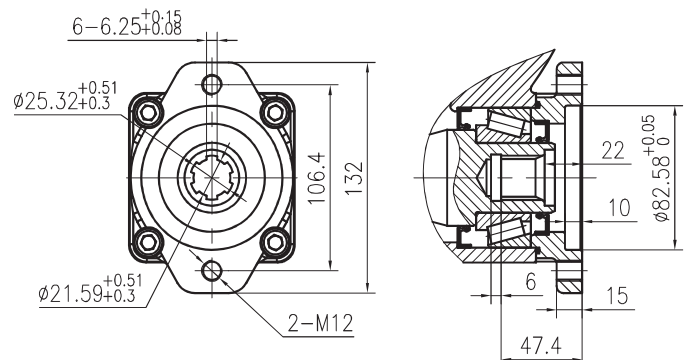


## OPTION

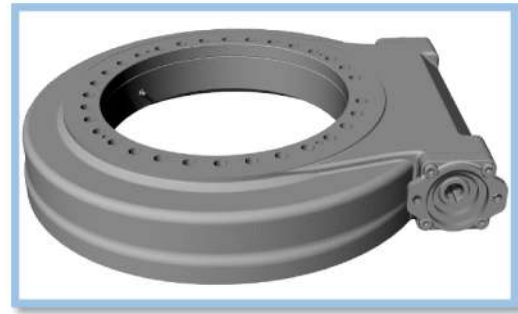
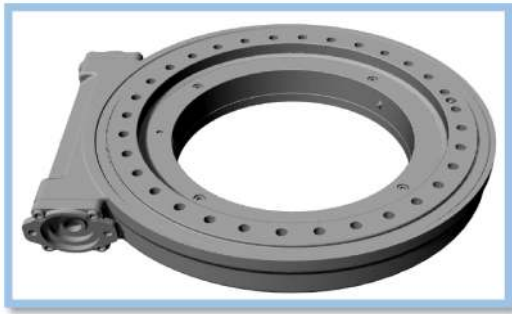
Input  
 $\phi 25$  Hole



Input  
6B Spline



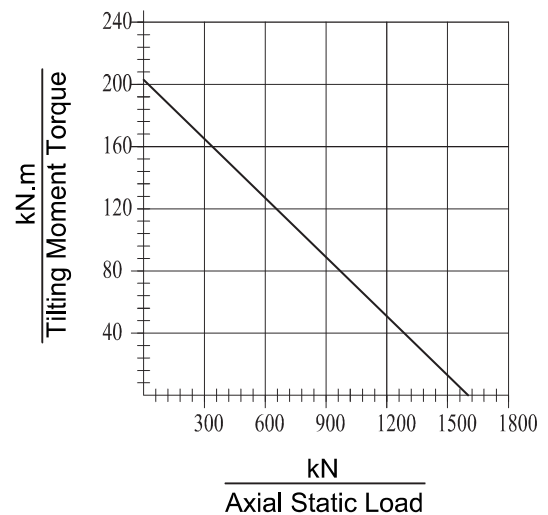
# Slew Drive TD-E19



## Slew Drives Performance Parameters

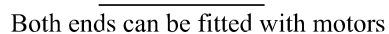
|                            |               |
|----------------------------|---------------|
| <b>Nominal Torque</b>      | 18.5kN.m      |
| <b>Maximum Torque</b>      | 27kN.m        |
| <b>Gear Ratio</b>          | 94:1          |
| <b>Backlash</b>            | 0.1°          |
| <b>Efficiency</b>          | 40%           |
| <b>Temperature</b>         | -30° / +80° C |
| <b>Holding Torque</b>      | 85kN.m        |
| <b>Axial Static Load</b>   | 1800kN        |
| <b>Radial Static Load</b>  | 675kN         |
| <b>Axial Dynamic Load</b>  | 290kN         |
| <b>Radial Dynamic Load</b> | 250kN         |
| <b>Tilting Moment Load</b> | 210kN.m       |

## Axial Static & Tilting Moment



### Notes:

- Please Be Sure To Remain Under This Curve
- This Drawing Is Just For Your Reference
- All Slew Drives Are Pre-Lubricated.
- Maximum Output Speed 1rpm.
- Standard Paint: For Corrosion Category C3-M. Color Ral 7016.
- Protection: IP 65
- Worm Symmetrical.



Technical drawing of a pump head assembly, showing front and cross-sectional views with dimensions.

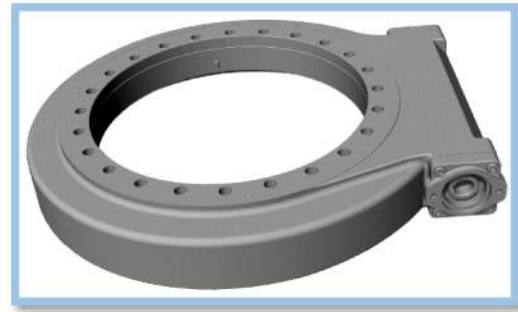
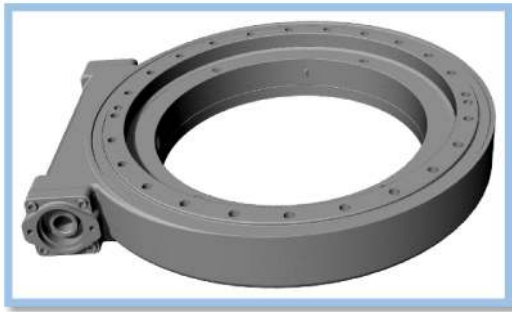
**Front View Dimensions:**

- Top flange thickness:  $6 - 6.25^{+0.18}_{-0}$
- Inner diameter:  $\varnothing 25.32^{+0.51}_{+0.3}$
- Inner diameter:  $\varnothing 21.59^{+0.51}_{+0.3}$
- Mounting holes: 2-M12
- Inner diameter: 106.4
- Outer diameter: 132

**Cross-sectional View Dimensions:**

- Top flange thickness: 22
- Inner diameter:  $\varnothing 82.58^{+0.05}_{0}$
- Inner diameter: 10
- Inner diameter: 6
- Inner diameter: 15
- Inner diameter: 47.4

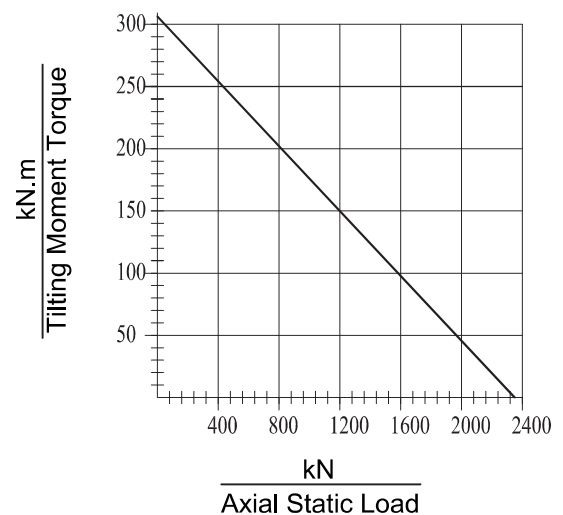
# Slew Drive TD-E25



## Slew Drives Performance Parameters

|                            |               |
|----------------------------|---------------|
| <b>Nominal Torque</b>      | 27kN.m        |
| <b>Maximum Torque</b>      | 42.8kN.m      |
| <b>Gear Ratio</b>          | 45:1          |
| <b>Backlash</b>            | 0.17°         |
| <b>Efficiency</b>          | 40%           |
| <b>Temperature</b>         | -30° / +80° C |
| <b>Holding Torque</b>      | 158.3kN.m     |
| <b>Axial Static Load</b>   | 2360kN        |
| <b>Radial Static Load</b>  | 945kN         |
| <b>Axial Dynamic Load</b>  | 875kN         |
| <b>Radial Dynamic Load</b> | 215kN         |
| <b>Tilting Moment Load</b> | 310kN.m       |

## Axial Static & Tilting Moment



### Notes:

- Please Be Sure To Remain Under This Curve
- This Drawing Is Just For Your Reference
- All Slew Drives Are Pre-Lubricated.
- Maximum Output Speed 1rpm.
- Standard Paint: For Corrosion Category C3-M. Color Ral 7016.
- Protection: IP 65
- Worm Symmetrical.