



LUDE TRANSMISSION

www.ludetransmission.com



Lude Transmission

DEZHOU LUDE TRANSMISSION EQUIPMENTS CO.,LTD

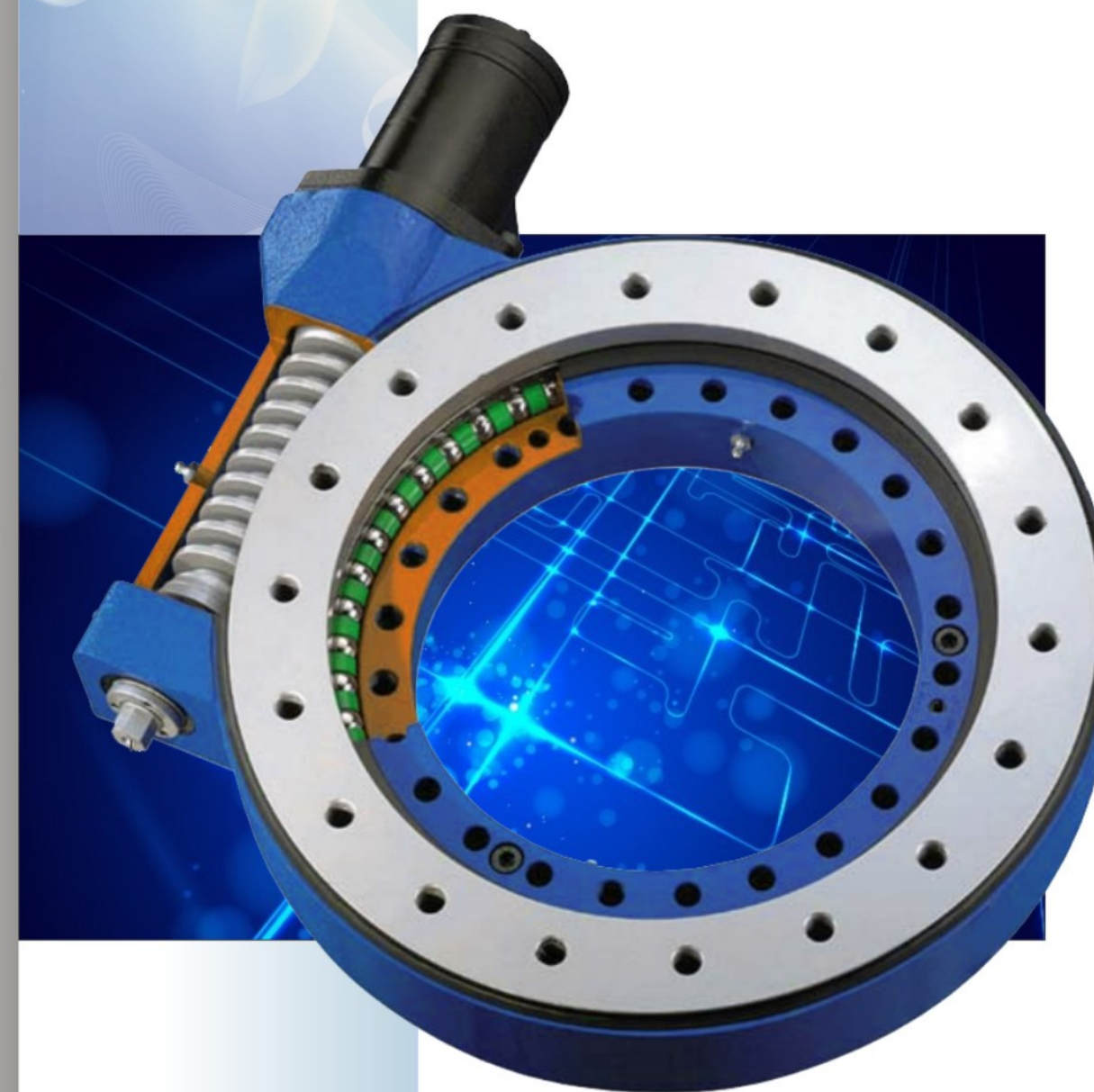
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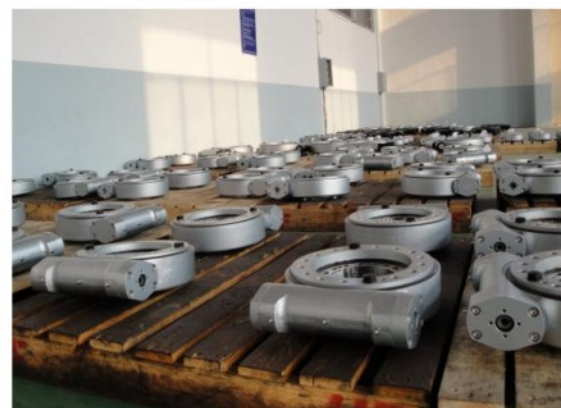
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Sleew Drive
Product Catalog

Lude Transmission Product Display



Company Profile

Establishment: Lude Transmission was established in 2001, specialized in production of slewing drive products.

Enterprise scale: Lude introduces the high-end automated processing equipment and advanced rolling product structure design concept. With Professional technology research and development team, combined with the latest mature technology, we can offer you the leading edge solution for rotary drive system, linear motion of the mechanical and electrical integration.

Leading products:

1. Worm gear screw jacks/lift: trapezoidal screw jack, ball screw jack, stainless steel screw jack, bevel gear screw jack, heavy load screw jack;
2. Electric linear actuator: the trapezoid screw linear actuator, ball screw linear actuator and heavy load electric linear actuator;
3. Spiral bevel gear box: T spiral bevel gear box, HD spiral bevel gear box, ARA aluminum shell spiral bevel gear box;
4. Slewing drive: S type open housing slewing drive, SE type closed housing slewing drive, W heavy load open housing slewing drive, WE heavy load closed housing slewing drive;

Win-win principle: Our cause is to be promoted in the cooperation, win-win situation is the most stable, most efficient, the most happy realm of cooperation.

Service philosophy: Service is much more important than product and price, we always keep seeking the perfection of our service process and the satisfaction of service result. It is our primary way to build and maintain long-term customer relationships. We will be always upholding the "heart service, win the world" service philosophy forever, to promote full service awareness in any part of the enterprise.

Product Application-Engineering Machinery



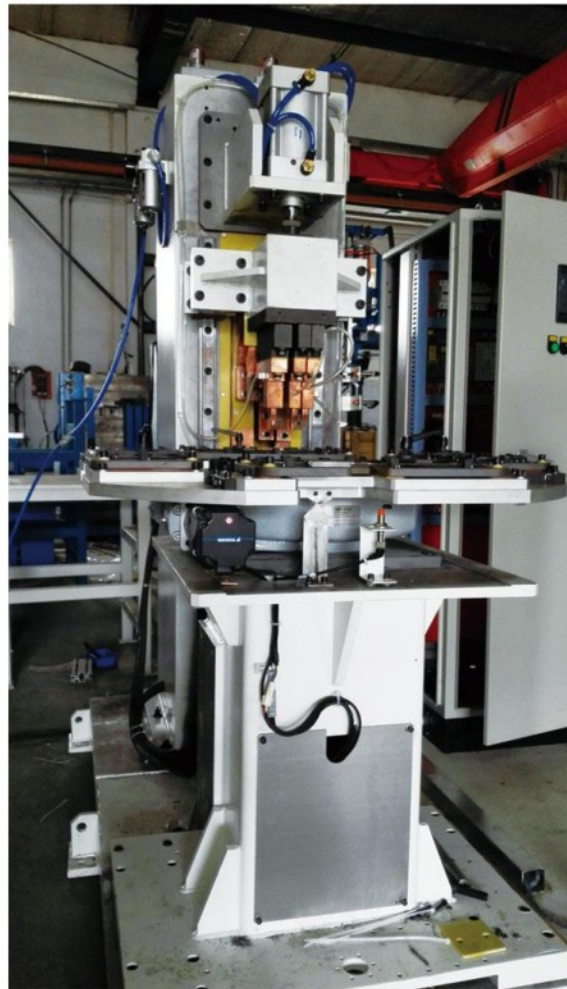
Truck Mounted Crane



Aerial Working Platform



Lift Platform



Welding Positioner

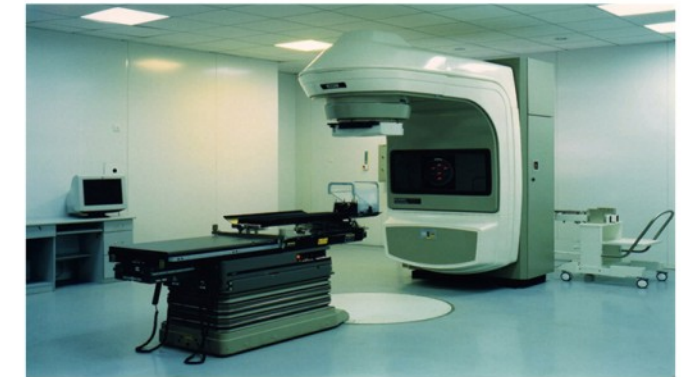


Sprayer

Product Application-Medical Area



CT Equipment



Gamma Knife

Product Application-Automatic Equipment



Palletizer



Welding Robot

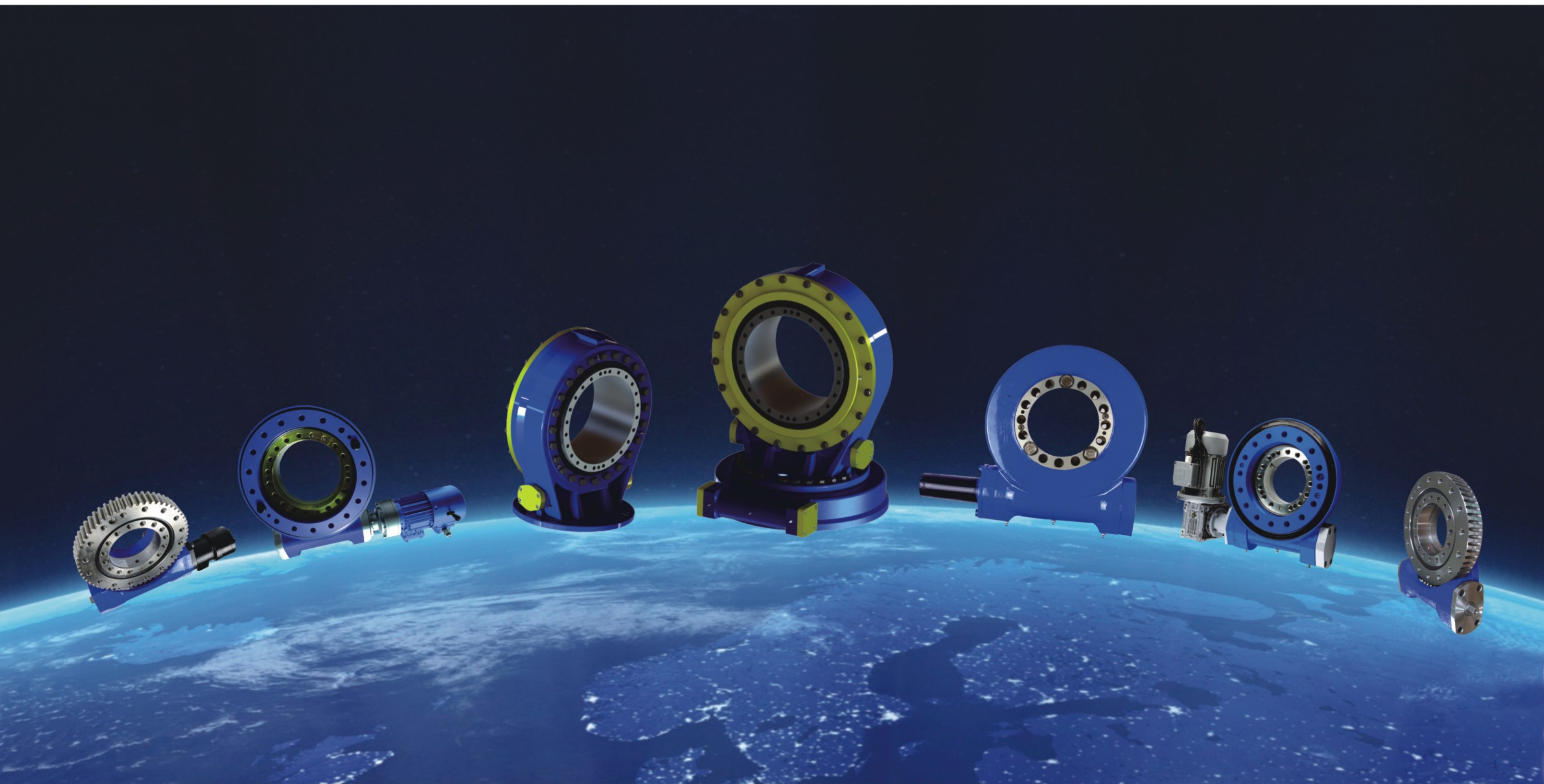
Product Application-Others



Rotational Stage



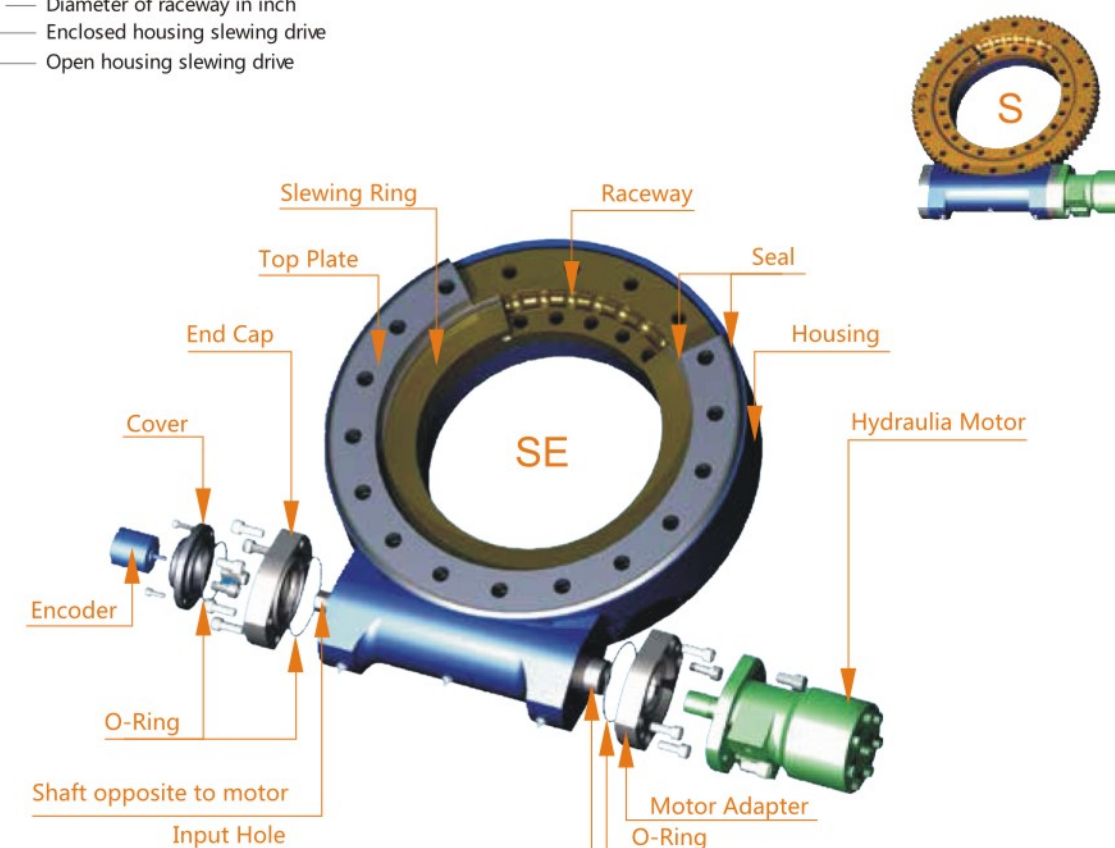
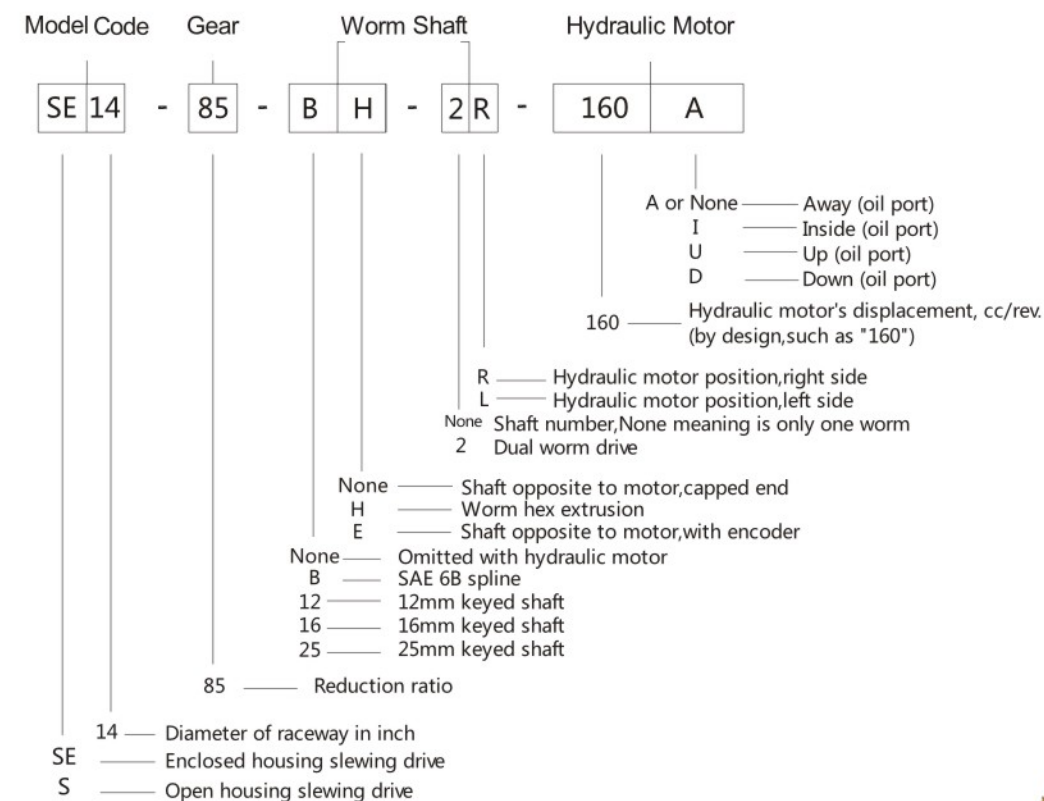
Automated Assembly Line



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Code Description

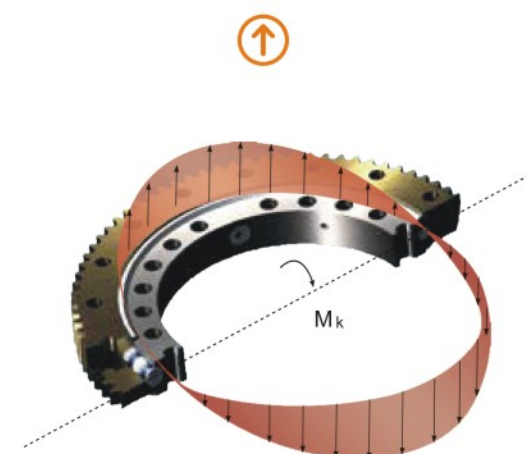


Motors Option

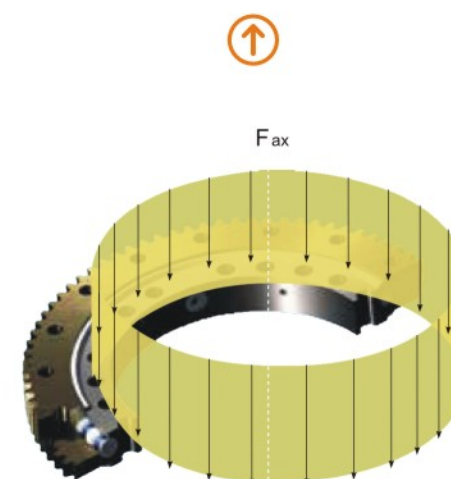


Glossary

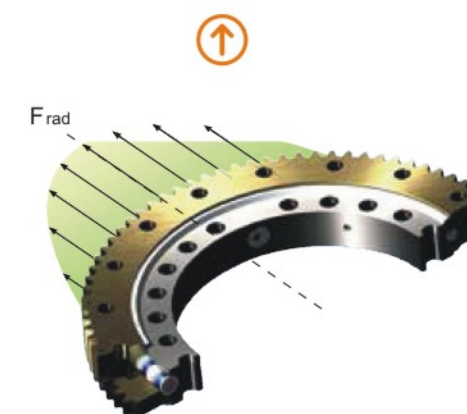
Tilting Moment Torque: Torque is the load multiplied by the distance between the position of load and the center of slewing ring. If the torque generated by load and distance is greater than the rated tilting moment torque, slewing drive will be overturned.



Axial load: Load parallel to the axis of slewing ring.



Radial load: Load vertical to the axis of slewing ring.



Holding torque: It is the reverse torque. When the drive is rotating reversely, and parts are not damaged, the maximum torque achieved is called holding torque.

Self-locking: Only when loaded, the slewing drive is not able to reverse rotate and thus called self-locking.



Summary

W/WE Worm Drive

Model	5"	7"	9"	12"	14"	17"	19"	21"	25"
Ratio	62	47	62	79	86	104	93	90	104

- Curved gear teeth, more contact and higher torque
- Special processed gear prevents gear weary and adhesion
- Fit for heavy duty and medium speed application

Housing Options Opened Housing/Enclosed Housing/Enclosed Housing with Reinforced Seal

Output Torque 600 N.m ~ 34.2 kN.m (25,240 lbf.ft)

Holding Torque 5500 N.m ~ 158.3 kN.m (117,000 lbf.ft)

Moment Torque 3000 N.m ~ 310 kN.m (229,000 lbf.ft)



S/SE Slewing Drive

Model	3"	5"	7"	9"	12"	14"	17"	21"	25"
Ratio	62	62	73	61	78	85	102	125	150

- Enveloping worm gearing, more contact and higher torque
- Fit for light duty, low speed, multiple precision options

Housing Options Opened Housing/Enclosed Housing/Dual Drive Housing

Output Torque 400 N.m ~ 28 kN.m (20,652 lbf.ft)

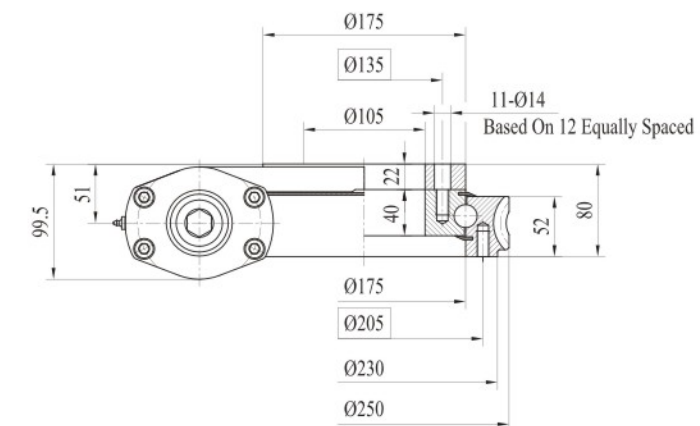
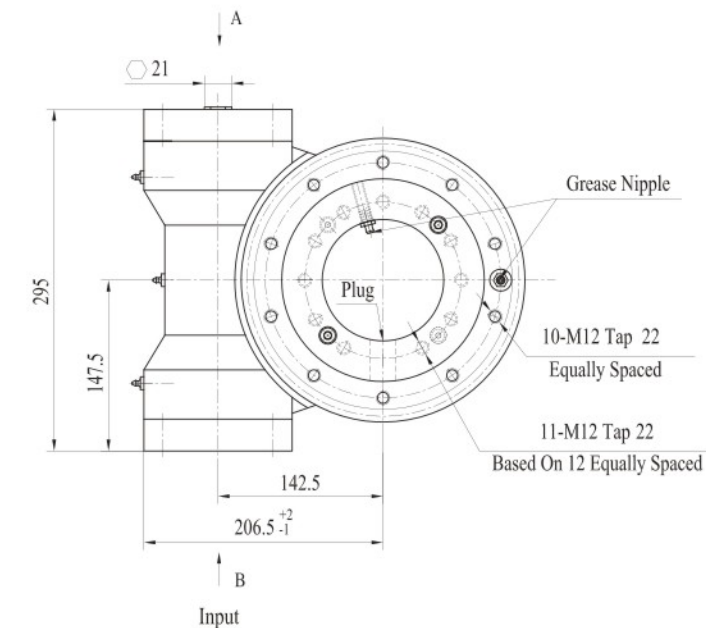
Holding Torque 2000 N.m ~ 269.1 kN.m (198,900 lbf.ft)

Moment Torque 1100 N.m ~ 271 kN.m (200,000 lbf.ft)



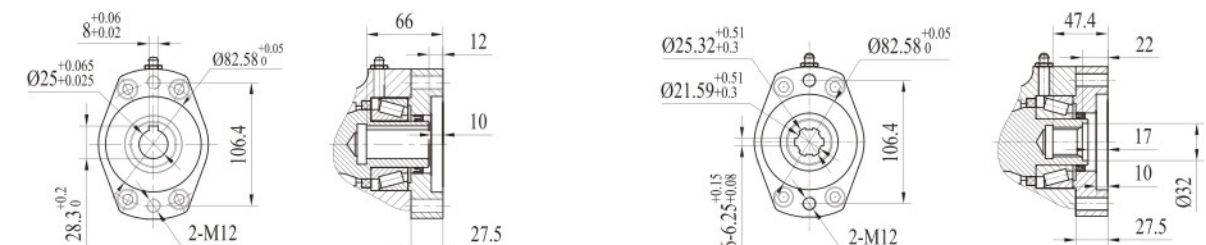
W7 | WORM DRIVE

UNITS: mm
1 inch = 25.4 mm



29kg

VIEW B OPTION



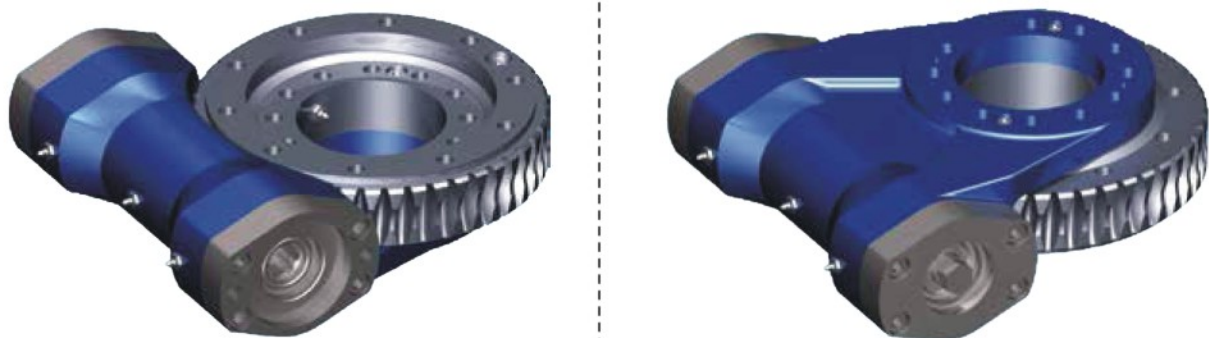
Ø12 Ø14 Ø16 Ø20 Ø25

■ NORMAL

6B SPLINE

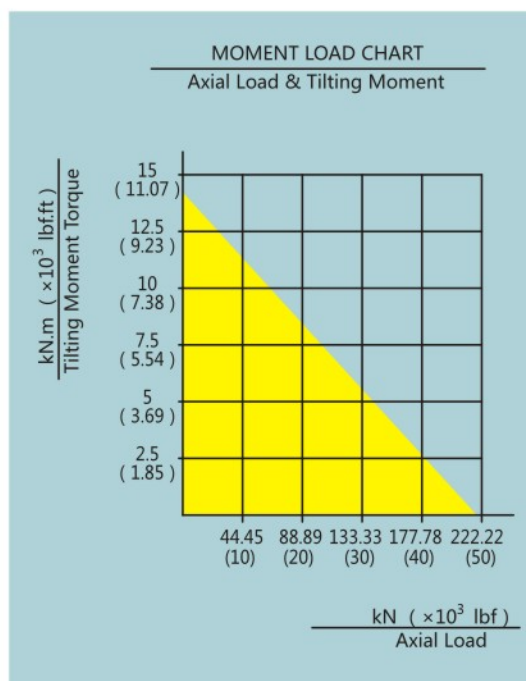
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W7 | Worm Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
W7	3.5 kN.m	14.2 kN.m	20 kN.m	220 kN	90 kN	63 kN	48 kN	47 : 1	≤ 0.15°	29kg
	2583 lbf.ft	10.5 × 10 ³ lbf.ft	14.8 × 10 ³ lbf.ft	49.5 × 10 ³ lbf	20.2 × 10 ³ lbf	14.2 × 10 ³ lbf	10.8 × 10 ³ lbf			



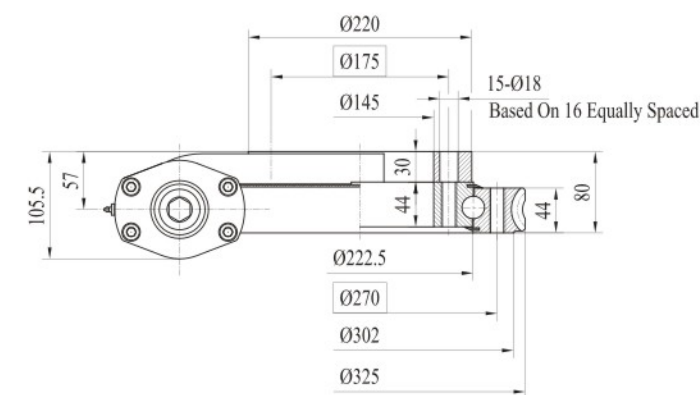
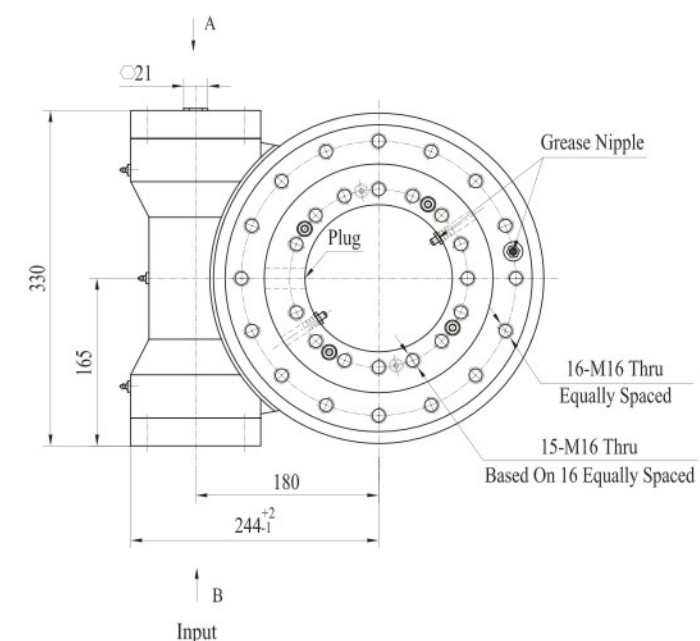
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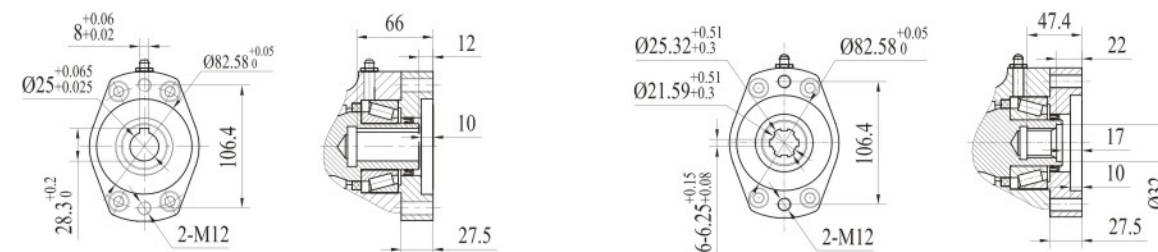
W9 | WORM DRIVE



UNITS: mm
1 inch = 25.4 mm

 40kg

VIEW B OPTION



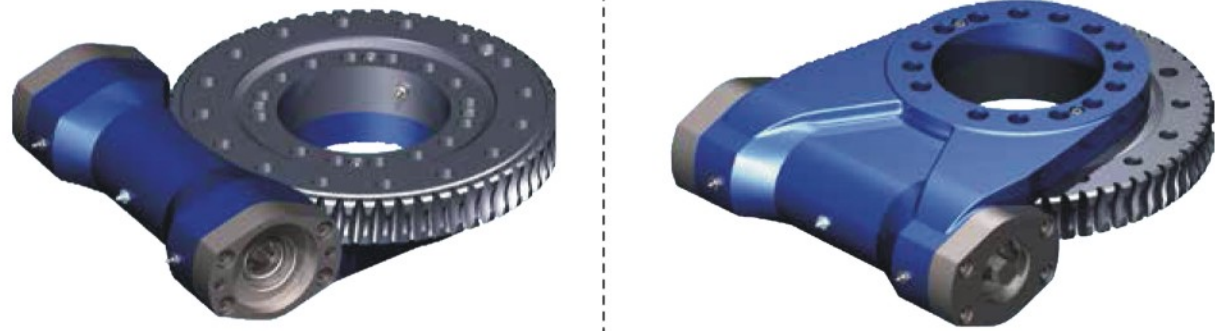
Ø12 Ø14 Ø16 Ø20 **Ø25**

■ NORMAL

6B SPLINE

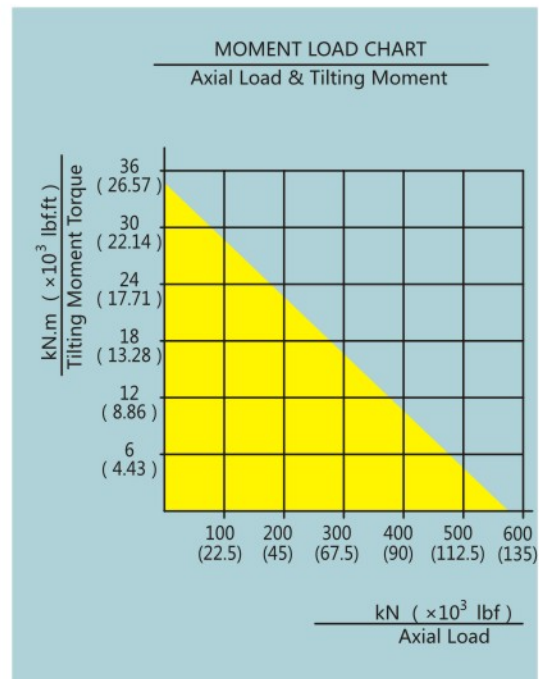
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W9 | Worm Drive Performance Parameters

Data	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
Model										
W9	8 kN.m	35.6 kN.m	38.7 kN.m	578 kN	215 kN	136 kN	115 kN	62 : 1	≤ 0.15°	40kg
	5904 lbf.ft	26.3 × 10 ³ lbf.ft	29 × 10 ³ lbf.ft	129.9 × 10 ³ lbf	48.3 × 10 ³ lbf	30.6 × 10 ³ lbf	25.9 × 10 ³ lbf			



NOTICE

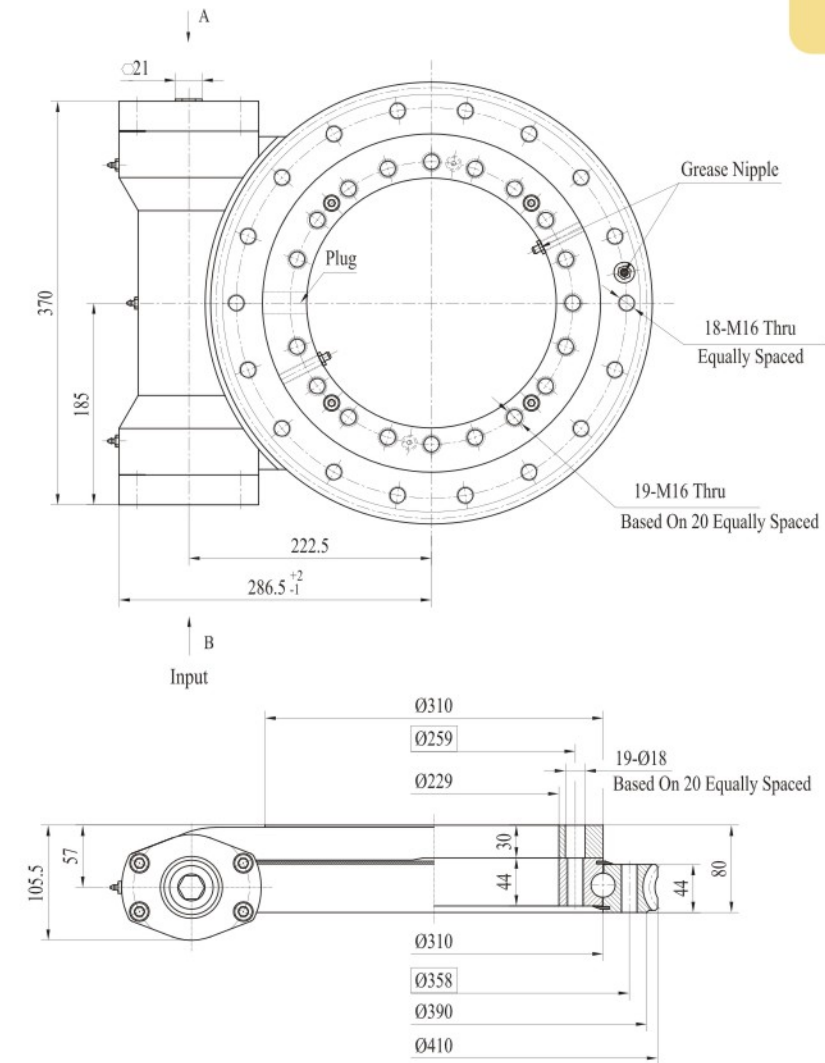
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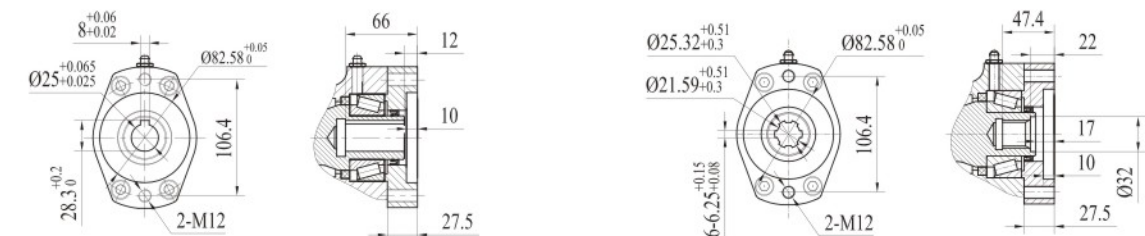
W12 | WORM DRIVE

UNITS: mm
1 inch = 25.4 mm



52kg

VIEW B OPTION



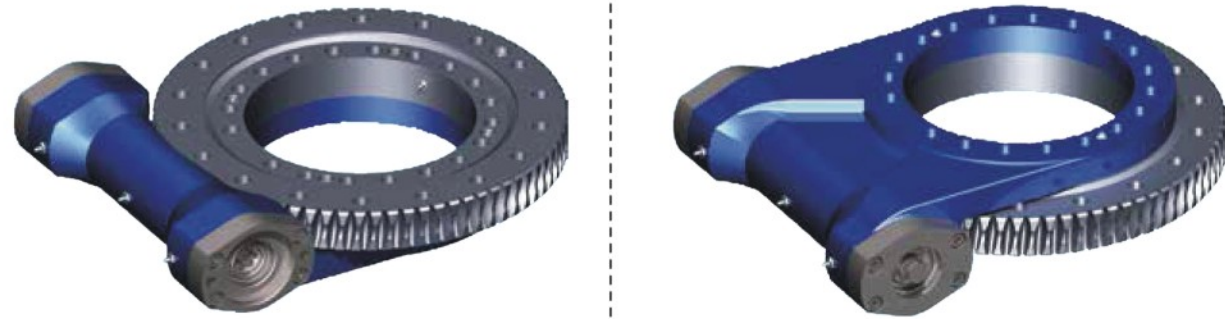
Ø12 Ø14 Ø16 Ø20 Ø25

■ NORMAL

6B SPLINE

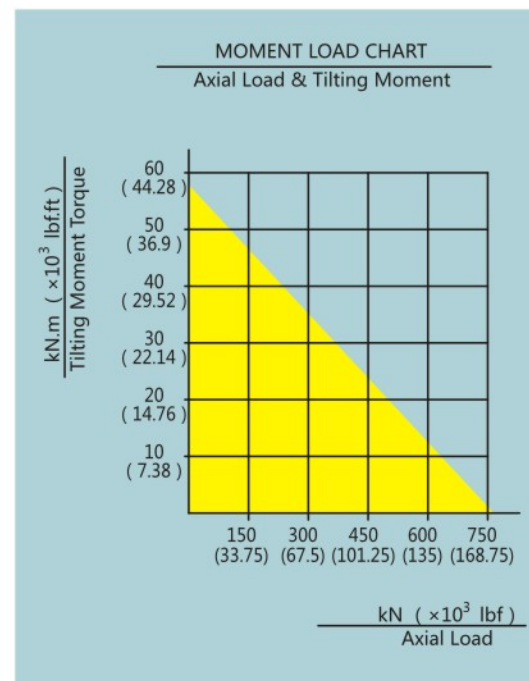
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W12 | Worm Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
W12	9.5 kN.m	57 kN.m	43 kN.m	760 kN	280 kN	190 kN	148 kN	79 : 1	≤ 0.15°	52kg
	7011 lbf.ft	42.1 × 10 ³ lbf.ft	32 × 10 ³ lbf.ft	171.1 × 10 ³ lbf	62.9 × 10 ³ lbf	42.7 × 10 ³ lbf	33.3 × 10 ³ lbf			



NOTICE

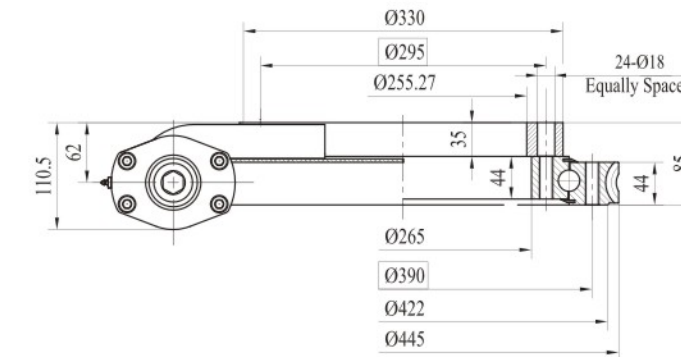
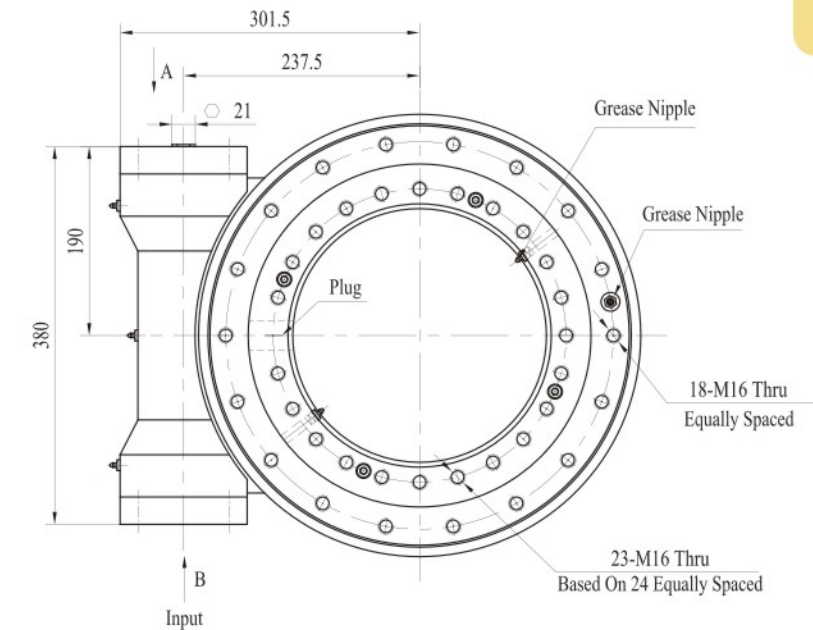
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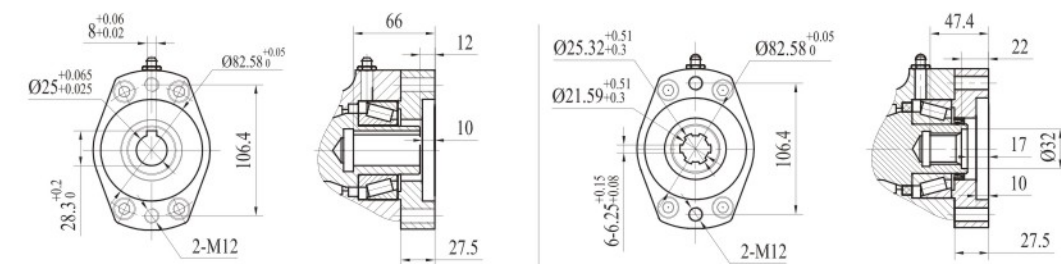
W14 | WORM DRIVE

UNITS: mm
1 inch = 25.4 mm



62kg

VIEW B OPTION



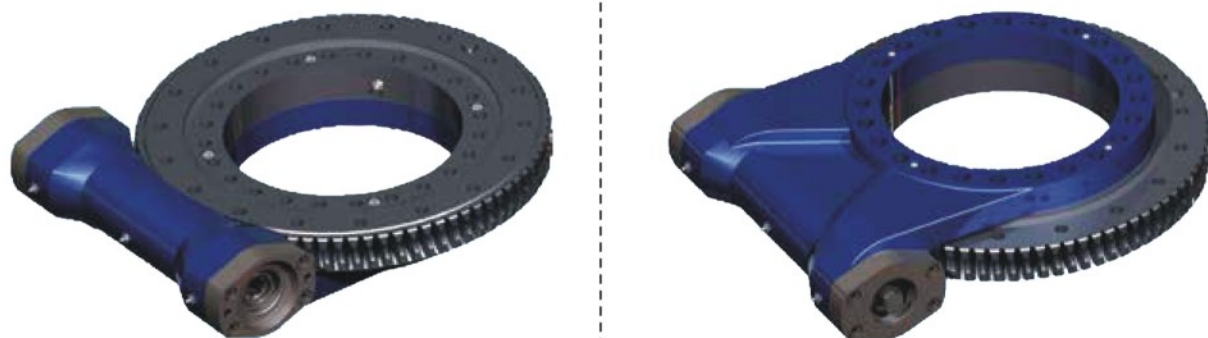
Ø12 Ø14 Ø16 Ø20 **Ø25**

■ NORMAL

6B SPLINE

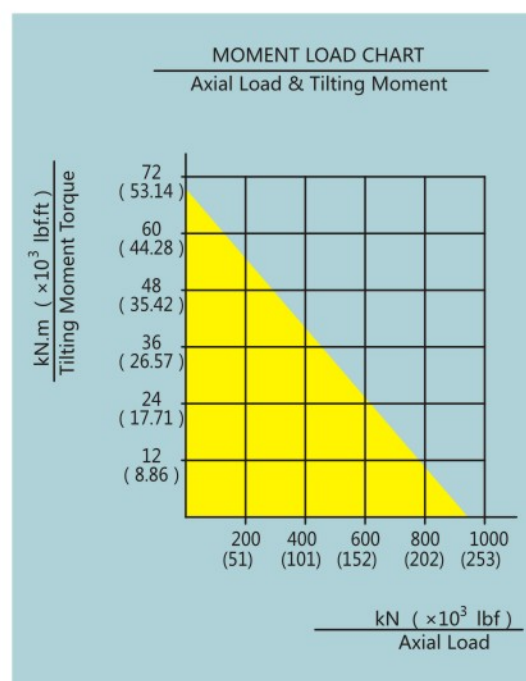
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W14 | Worm Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
W14	10.8 kN.m	71.2 kN.m	48 kN.m	960 kN	360 kN	230 kN	200 kN	86 : 1	≤ 0.13°	62kg
	7970 lbf.ft	52.6 × 10 ³ lbf.ft	35 × 10 ³ lbf.ft	215.8 × 10 ³ lbf	80.9 × 10 ³ lbf	51.7 × 10 ³ lbf	44.9 × 10 ³ lbf			



NOTICE

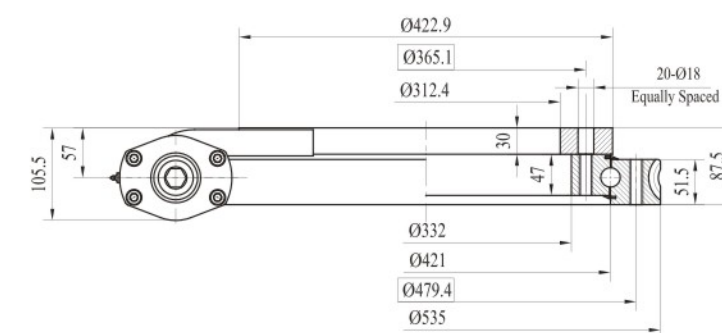
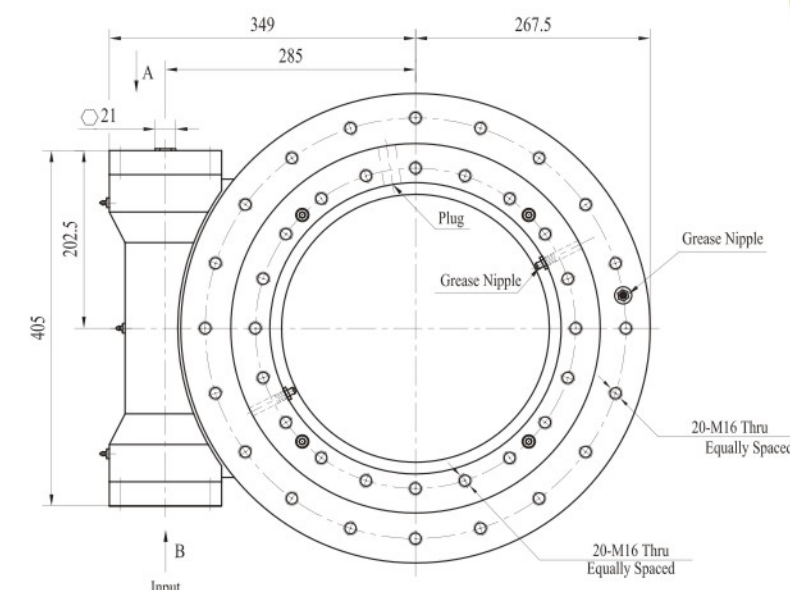
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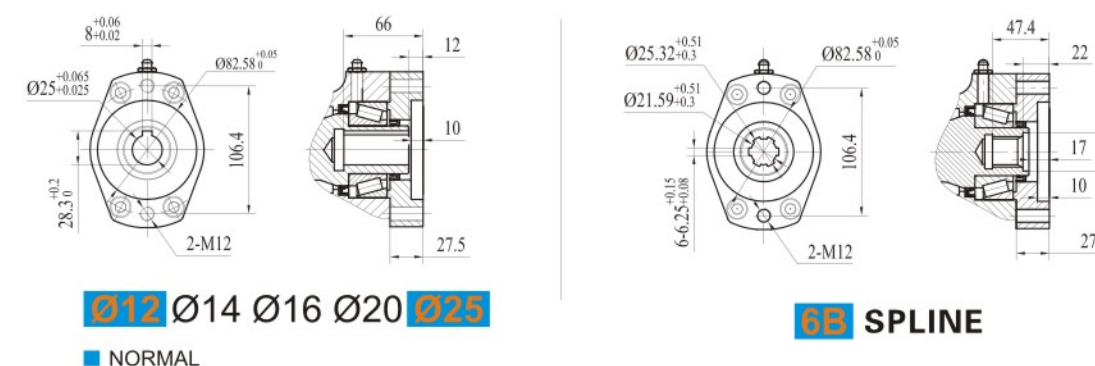
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W17 | WORM DRIVE

UNITS: mm
1 inch = 25.4 mm


82kg

VIEW B OPTION



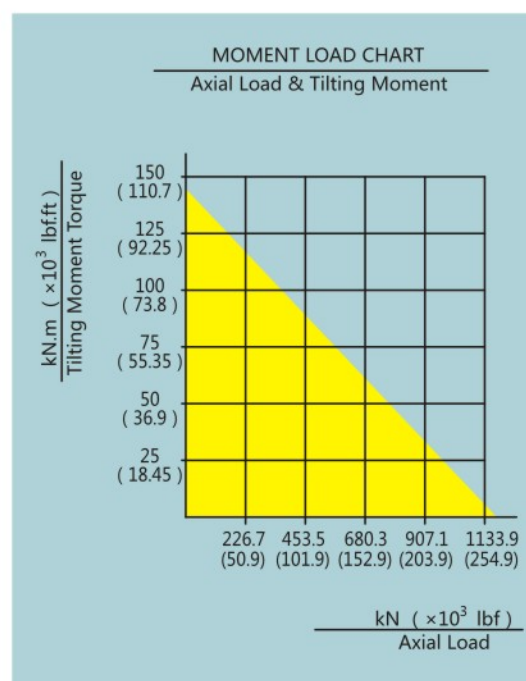
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W17 | Worm Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
W17	12.96 kN.m	142.4 kN.m	72.3 kN.m	1166 kN	435 kN	280 kN	231 kN	104 : 1	≤ 0.1°	82kg
	9564 lbf.ft	105 × 10 ³ lbf.ft	53.4 × 10 ³ lbf.ft	262 × 10 ³ lbf	97.8 × 10 ³ lbf	62.9 × 10 ³ lbf	51.9 × 10 ³ lbf			



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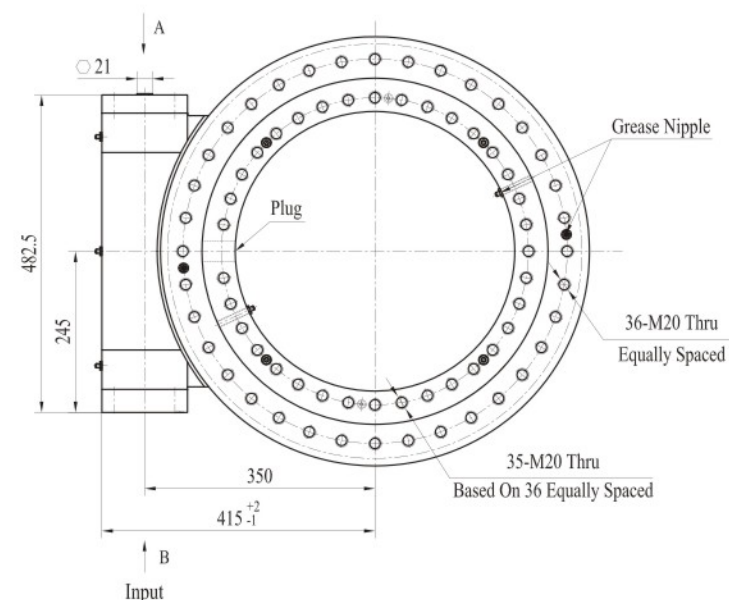
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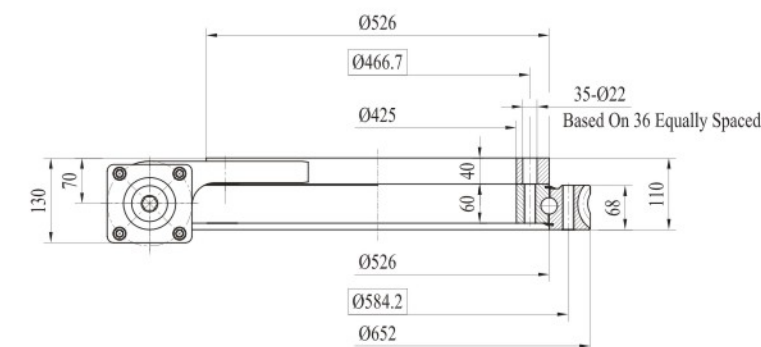
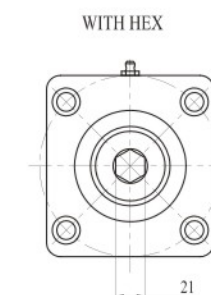
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W21 | WORM DRIVE

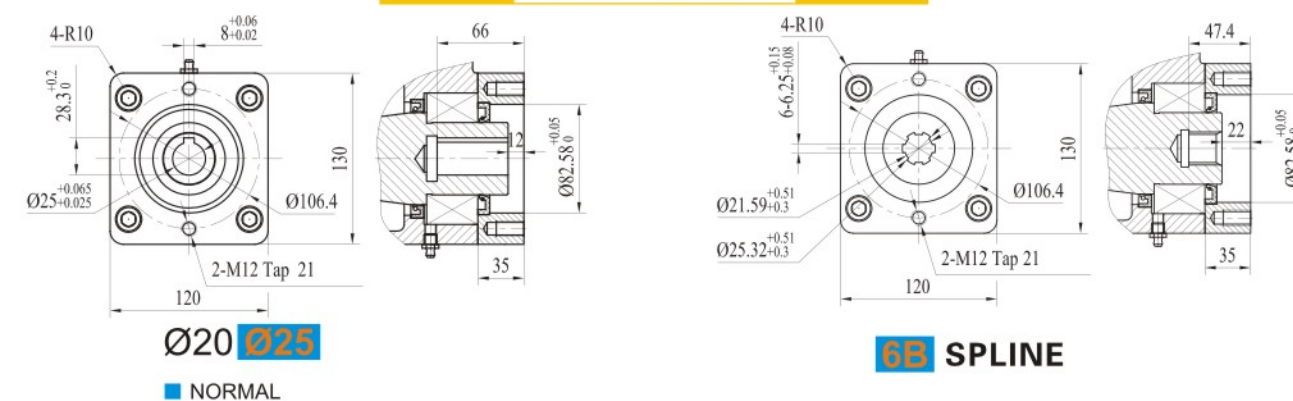


UNITS:
单位: mm
1 inch = 25.4 mm

VIEW A

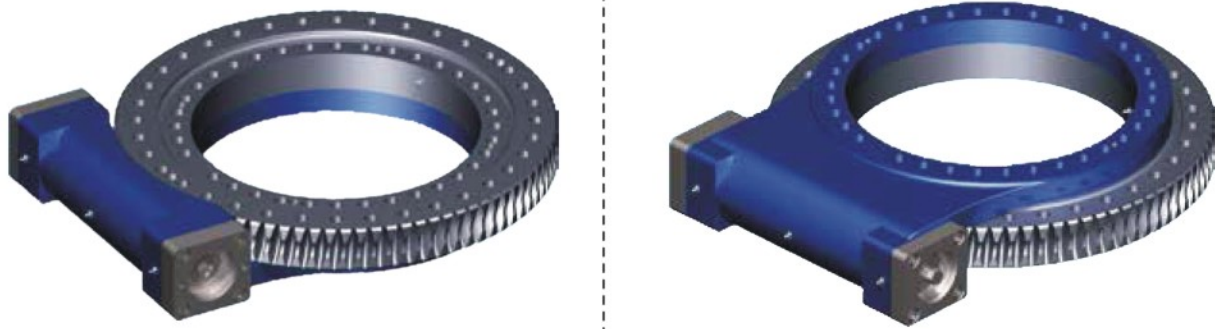
 **139kg**

VIEW B OPTION



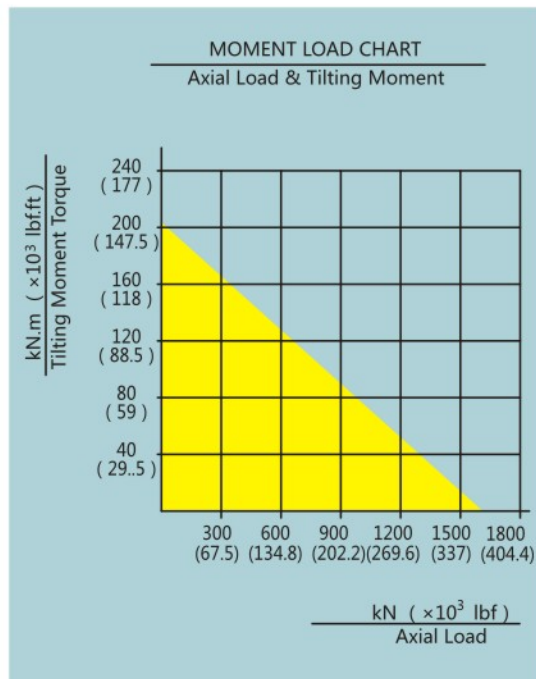
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W21 | Worm Drive Performance Parameters

Data	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
Model										
W21	28.7 kN.m	203 kN.m	105.8 kN.m	1598 kN	640 kN	385 kN	335 kN	90 : 1	≤ 0.1°	139kg
	21180 lbf.ft	150 × 10 ³ lbf.ft	78 × 10 ³ lbf.ft	359 × 10 ³ lbf	144 × 10 ³ lbf	87 × 10 ³ lbf	75 × 10 ³ lbf			



NOTICE

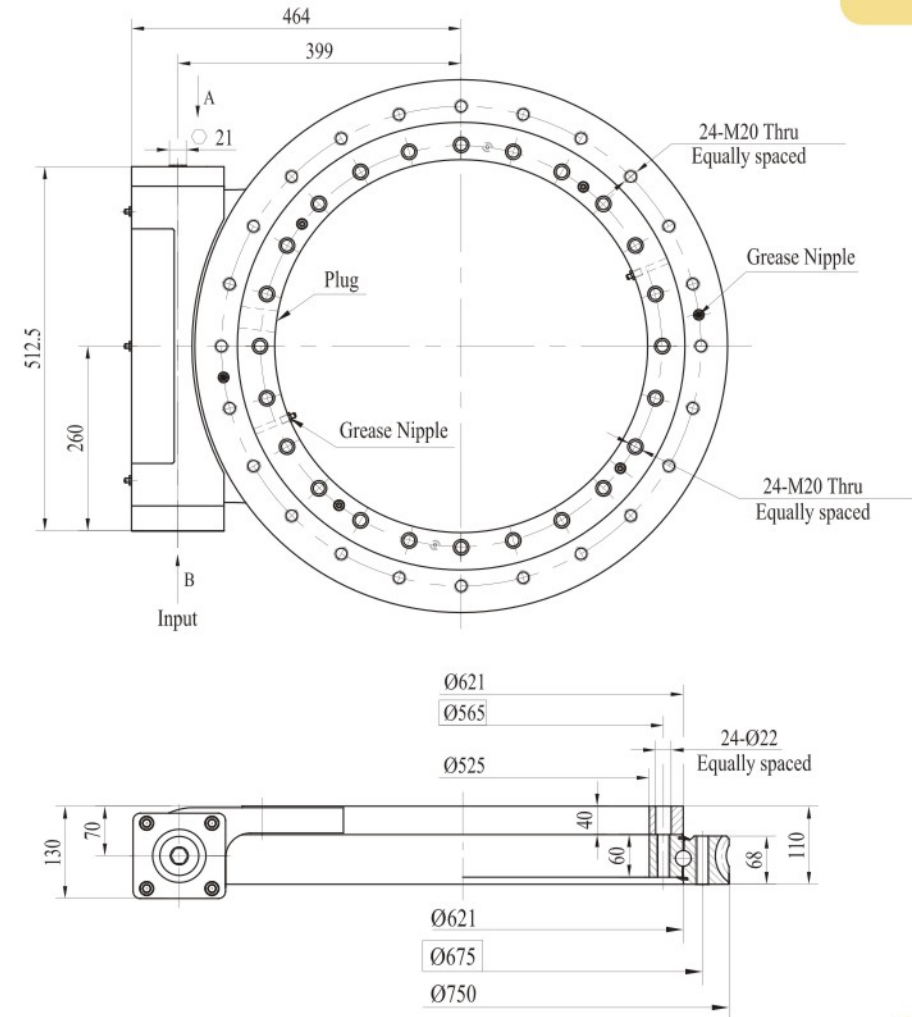
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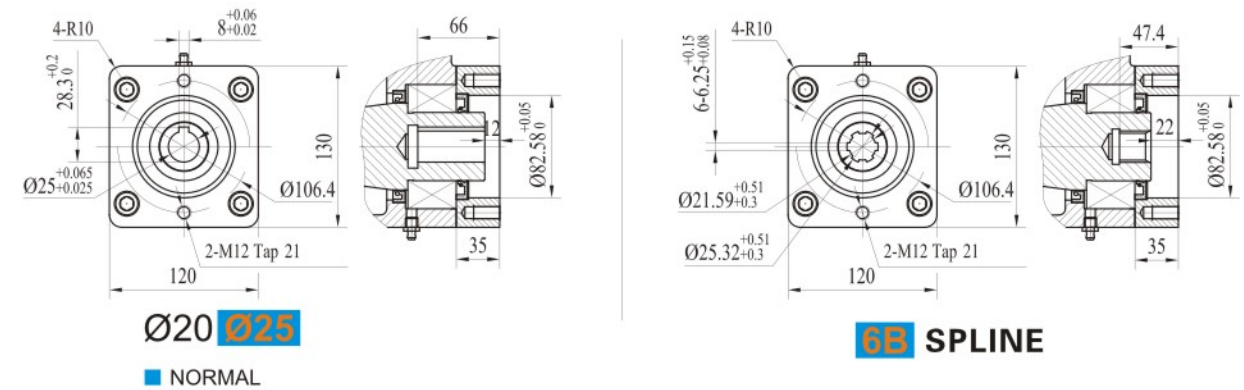
W25 | WORM DRIVE

UNITS: mm
1 inch = 25.4 mm



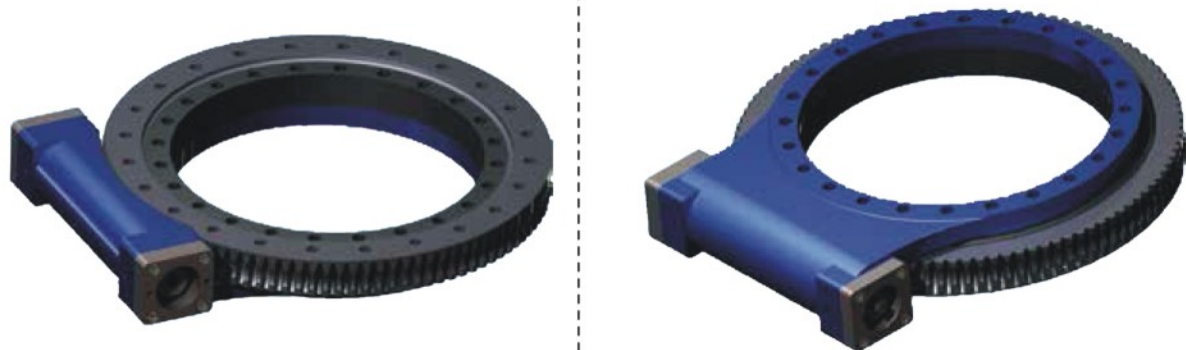
176kg

VIEW B OPTION



"A" VIEW AS INPUT IS AVAILABLE

CUSTOMIZED UPON REQUESTS



W25 | Worm Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
W25	34.2 kN.m	310 kN.m	158.3 kN.m	2360 kN	945 kN	590 kN	470 kN	104 : 1	≤ 0.1°	176kg
	25240 lbf.ft	229 × 10 ³ lbf.ft	117 × 10 ³ lbf.ft	531 × 10 ³ lbf	212 × 10 ³ lbf	133 × 10 ³ lbf	106 × 10 ³ lbf			



NOTICE

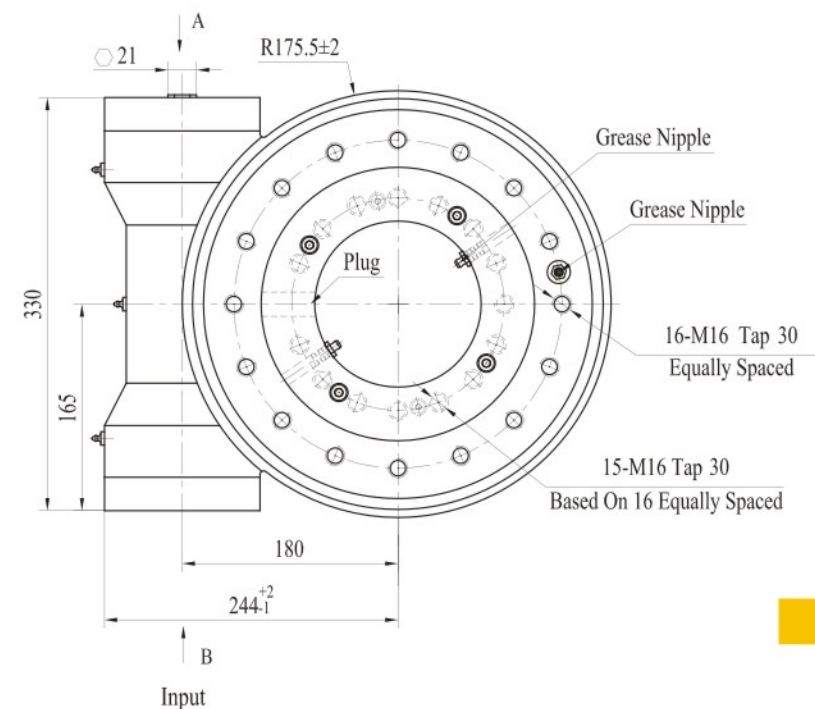
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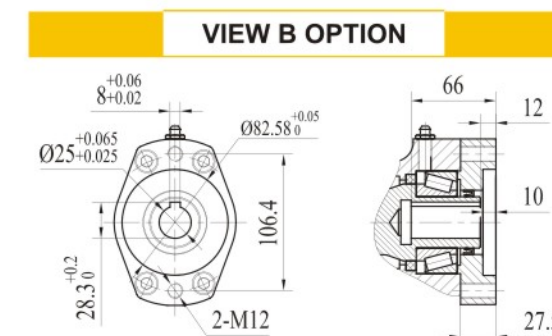
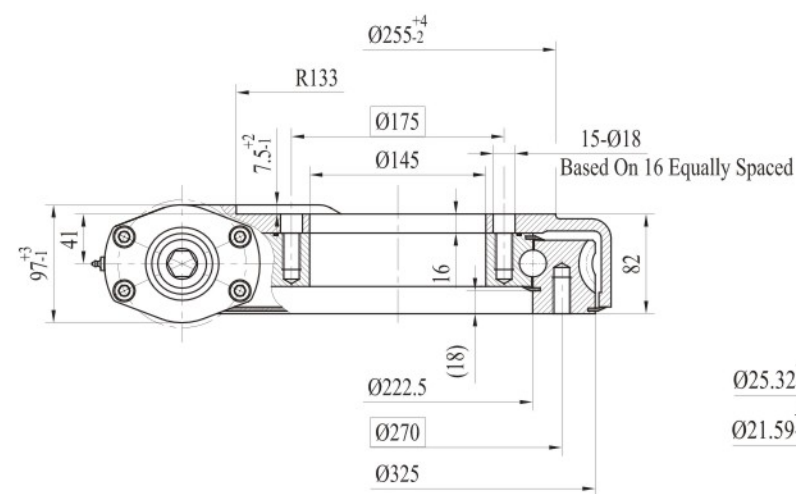
WE9 | WORM DRIVE

UNITS: mm
1 inch = 25.4 mm



VIEW A

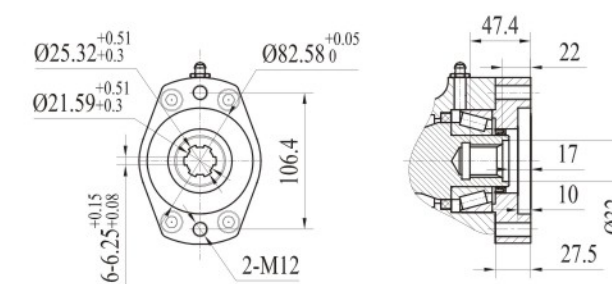
WITH HEX



VIEW B OPTION

Ø12 Ø14 Ø16 Ø20 **Ø25**

■ NORMAL



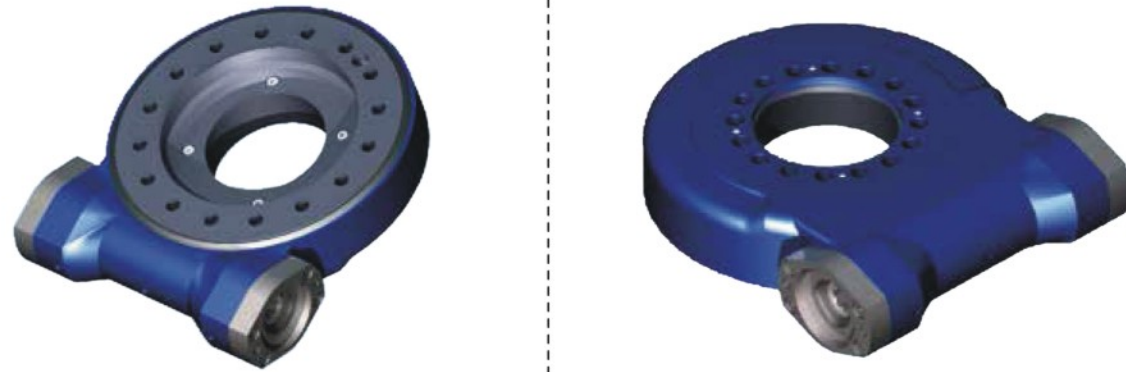
6B SPLINE

■ NORMAL

 48.5kg

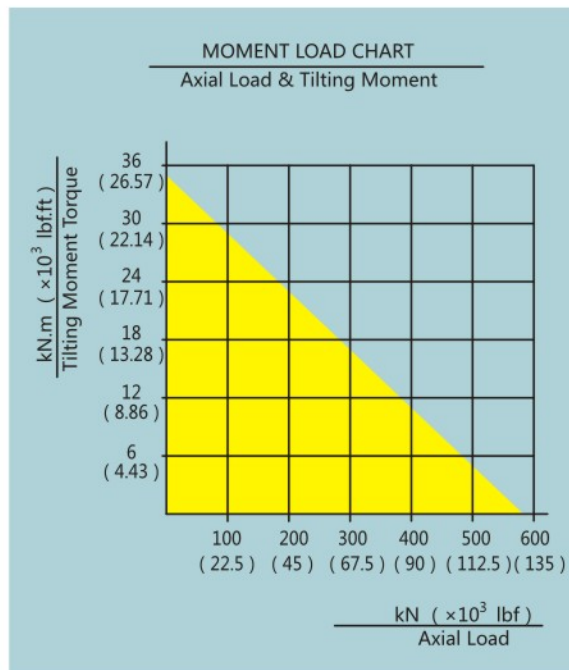
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WE9 | Worm Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
WE9	8 kN.m	35.6 kN.m	38.7 kN.m	578 kN	215 kN	136 kN	115 kN	62 : 1	≤ 0.15°	48.5kg
	5904 lbf.ft	26.3 × 10 ³ lbf.ft	29 × 10 ³ lbf.ft	129.9 × 10 ³ lbf	48.3 × 10 ³ lbf	30.6 × 10 ³ lbf	25.9 × 10 ³ lbf			



NOTICE

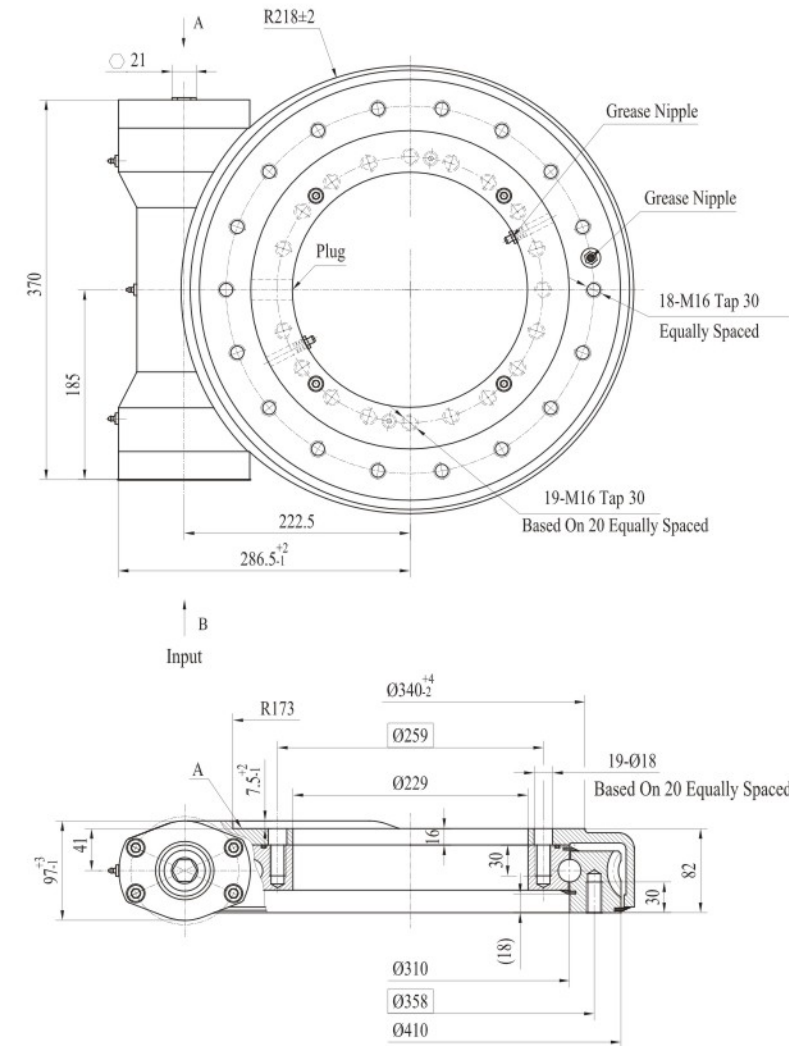
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WE12 | WORM DRIVE

UNITS: mm
1 inch = 25.4 mm



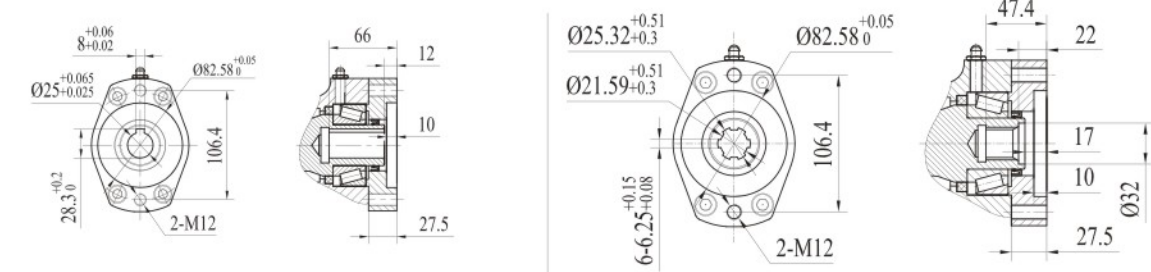
VIEW A OPTION

WITH HEX



61kg

VIEW B OPTION



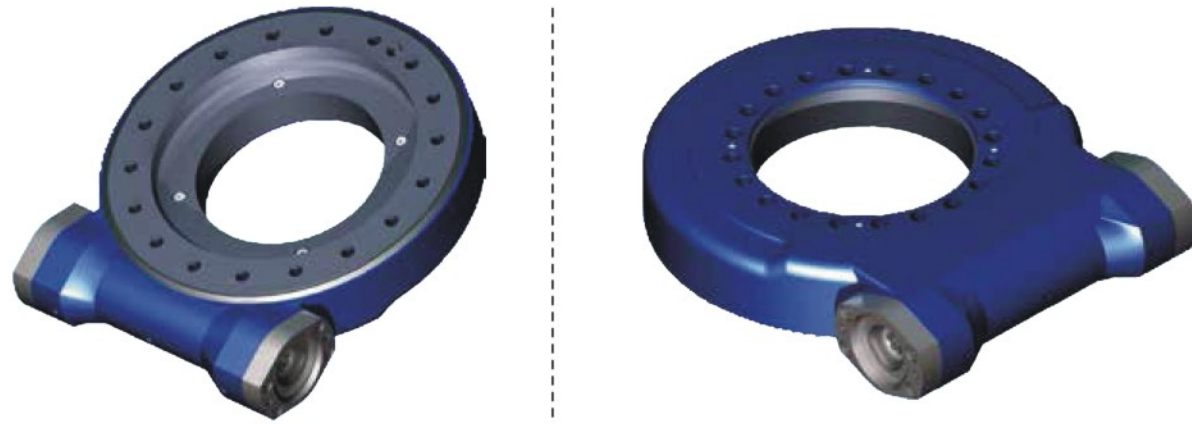
Ø12 Ø14 Ø16 Ø20 **Ø25**

■ NORMAL

6B SPLINE

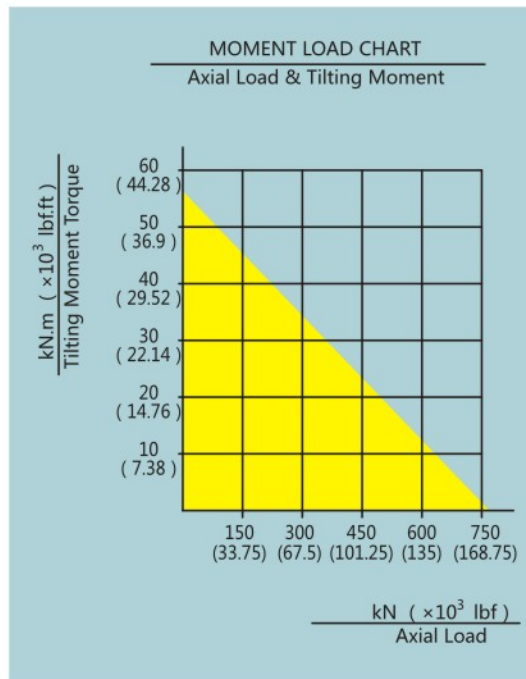
"A" VIEW AS INPUT IS AVAILABLE

CUSTOMIZED UPON REQUESTS



WE12 | Worm Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
WE12	9.5 kN.m	57 kN.m	43 kN.m	760 kN	280 kN	190 kN	148 kN	79 : 1	≤ 0.15°	61kg
	7011 lbf.ft	42.1 × 10 ³ lbf.ft	32 × 10 ³ lbf.ft	171.1 × 10 ³ lbf	62.9 × 10 ³ lbf	42.7 × 10 ³ lbf	33.3 × 10 ³ lbf			



NOTICE

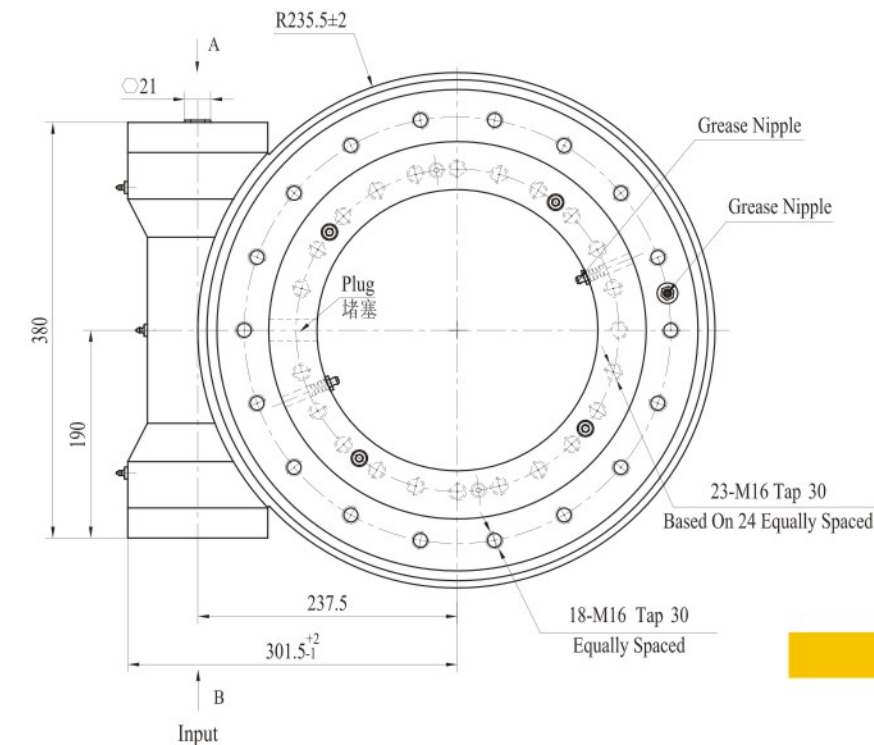
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WE14 | WORM DRIVE

UNITS: mm
1 inch = 25.4 mm

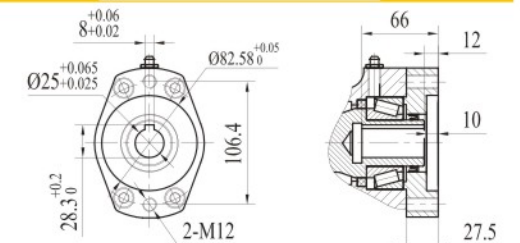


VIEW A

WITH HEX

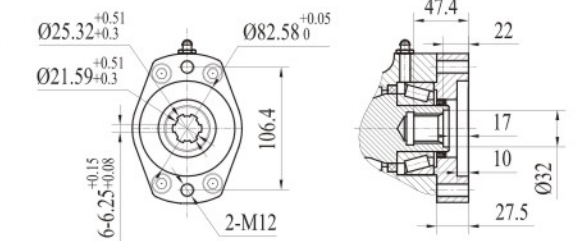
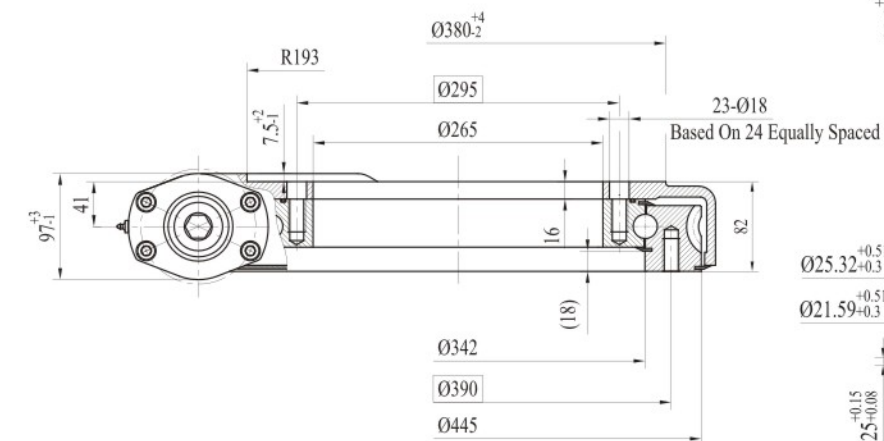


VIEW B OPTION



Ø12 Ø14 Ø16 Ø20 Ø25

■ NORMAL



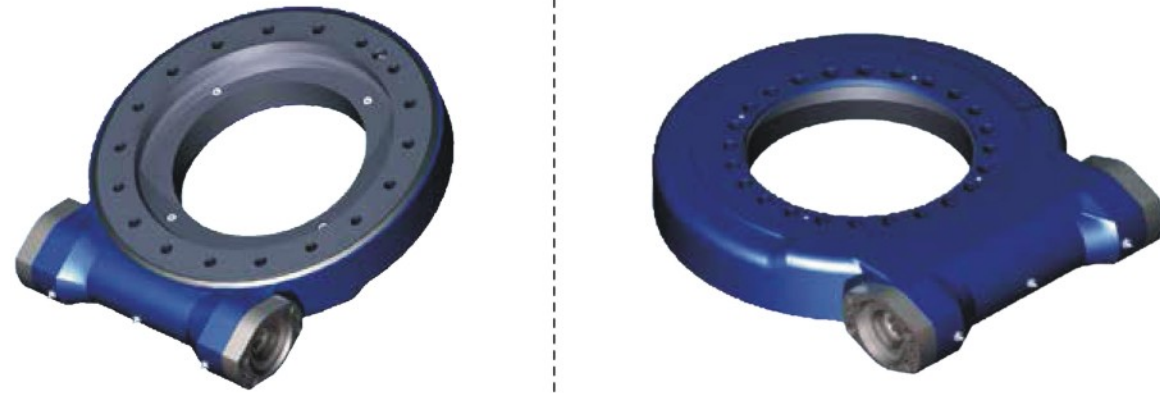
6B SPLINE

■ NORMAL

68kg

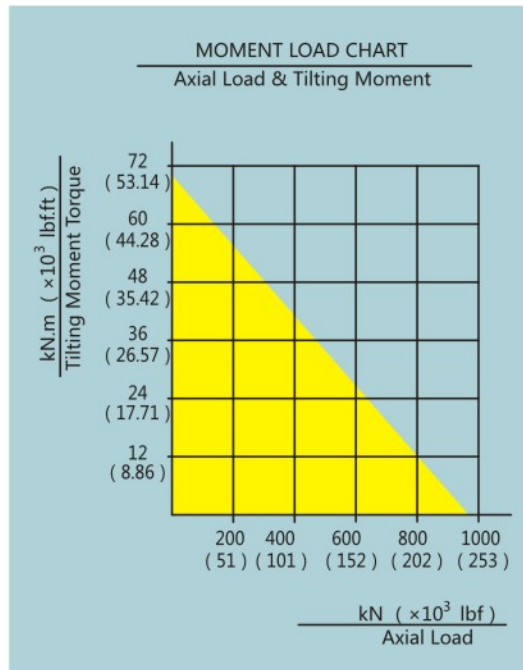
"A" VIEW AS INPUT IS AVAILABLE

CUSTOMIZED UPON REQUESTS



WE14 | Worm Drive Performance Parameters

Data	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
WE14	10.8 kN.m 7970 lbf.ft	71.2 kN.m 52.6 × 10 ³ lbf.ft	48 kN.m 35 × 10 ³ lbf.ft	960 kN 215.8 × 10 ³ lbf	360 kN 80.9 × 10 ³ lbf	230 kN 51.7 × 10 ³ lbf	200 kN 44.9 × 10 ³ lbf	86 : 1	≤ 0.13°	68kg

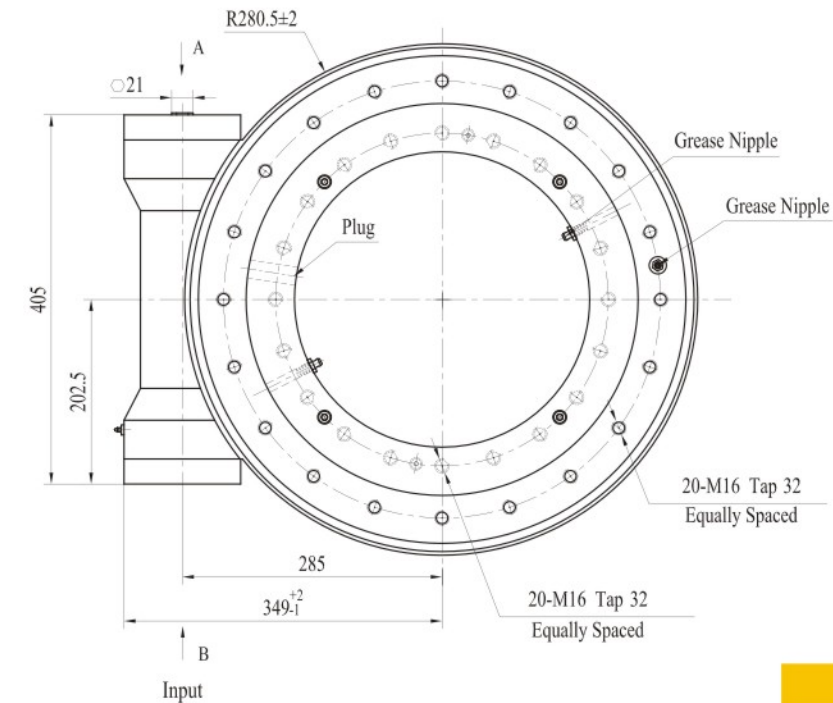


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WE17 | WORM DRIVE

UNITS: mm
1 inch = 25.4 mm

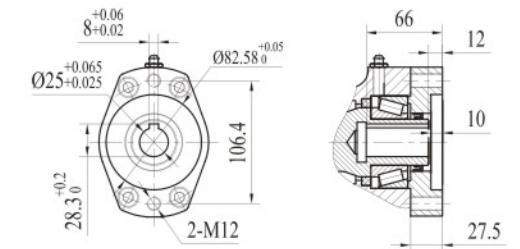
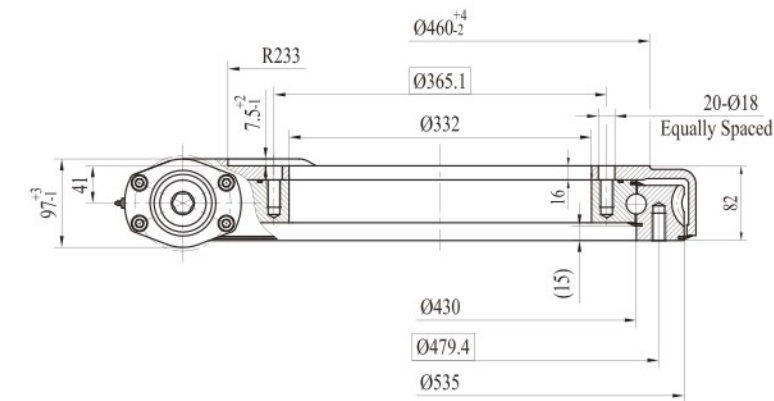


VIEW A

WITH HEX

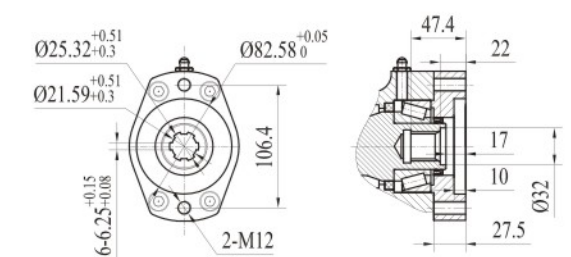


VIEW B OPTION



Ø12 Ø14 Ø16 Ø20 Ø25

■ NORMAL



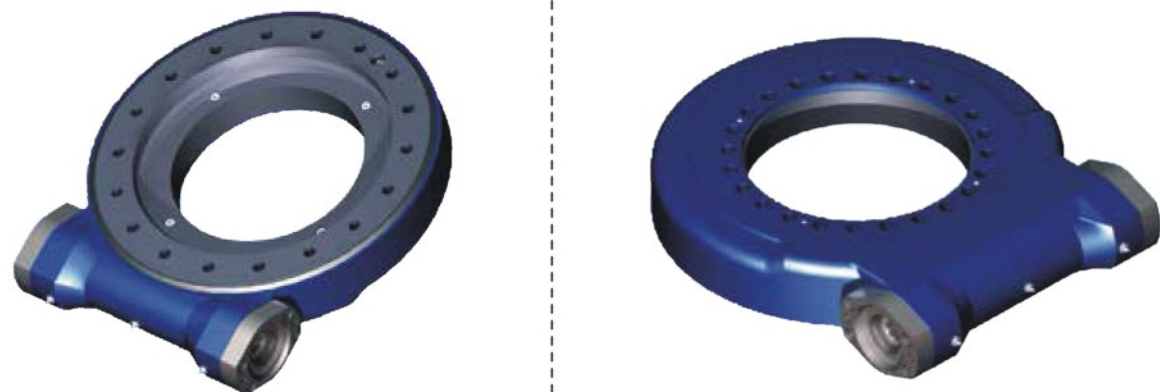
6B SPLINE

■ NORMAL

90kg

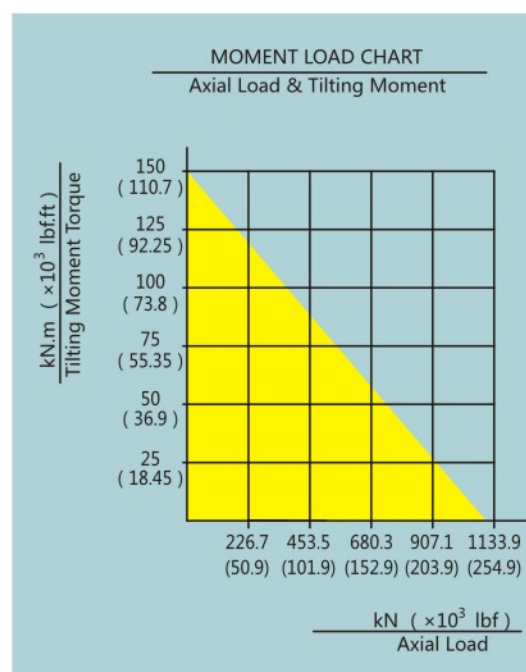
"A" VIEW AS INPUT IS AVAILABLE

CUSTOMIZED UPON REQUESTS



WE17 | Worm Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
WE17	12.96 kN.m	142.4 kN.m	72.3 kN.m	1166 kN	435 kN	280 kN	231 kN	104 : 1	≤ 0.1°	90kg
	9564 lbf.ft	105 × 10 ³ lbf.ft	53.4 × 10 ³ lbf.ft	262 × 10 ³ lbf	97.8 × 10 ³ lbf	62.9 × 10 ³ lbf	51.9 × 10 ³ lbf			



NOTICE

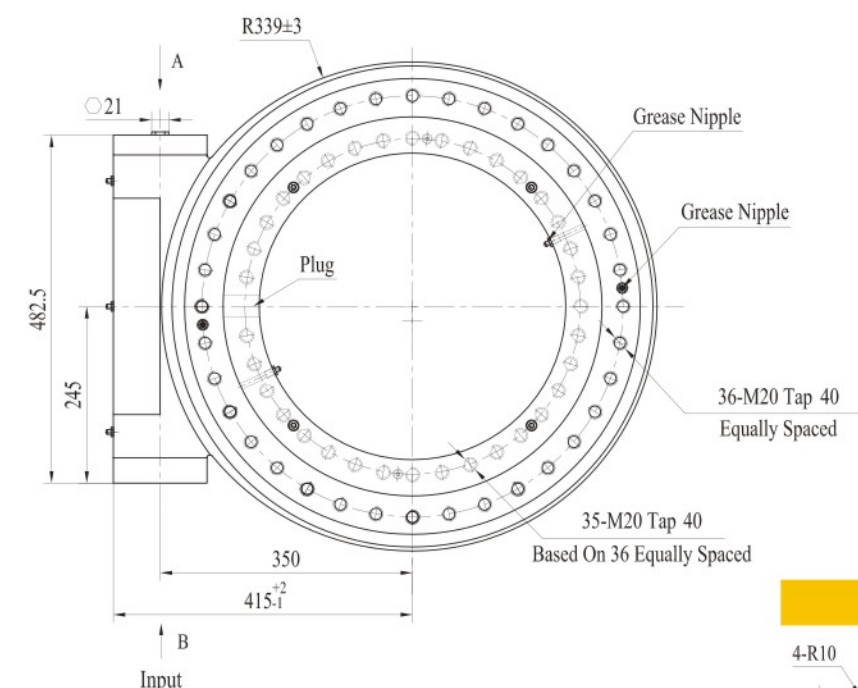
▲ PLEASE BE SURE TO REMAIN UNDER THIS CURVE

▲ This drawing is just for your reference

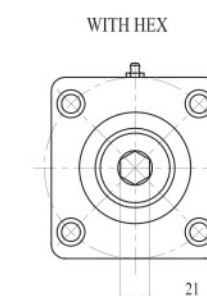
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WE21 | WORM DRIVE

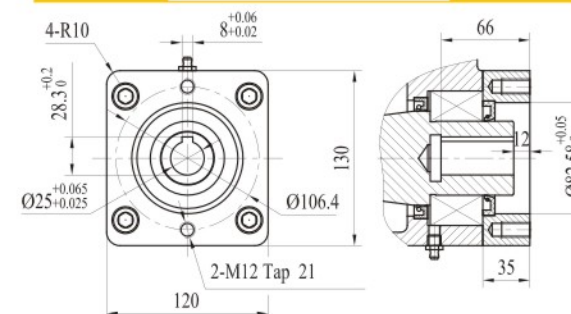
UNITS: mm
1 inch = 25.4 mm



VIEW A

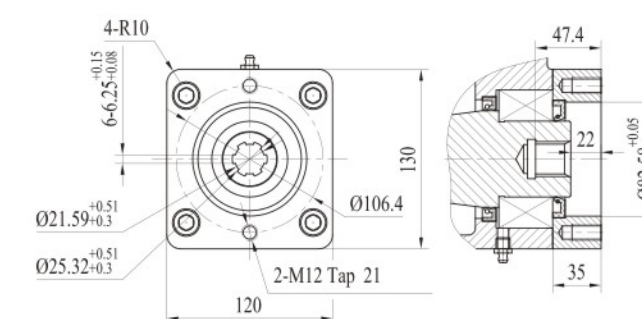
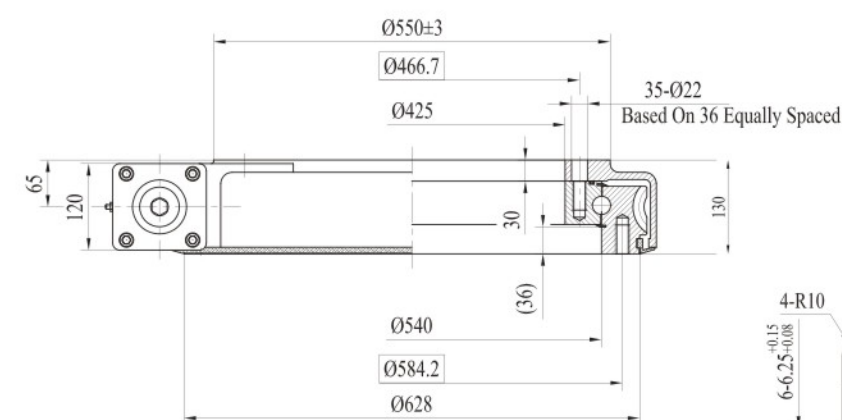


VIEW B OPTION



Ø12 Ø14 Ø16 Ø20 Ø25

■ NORMAL



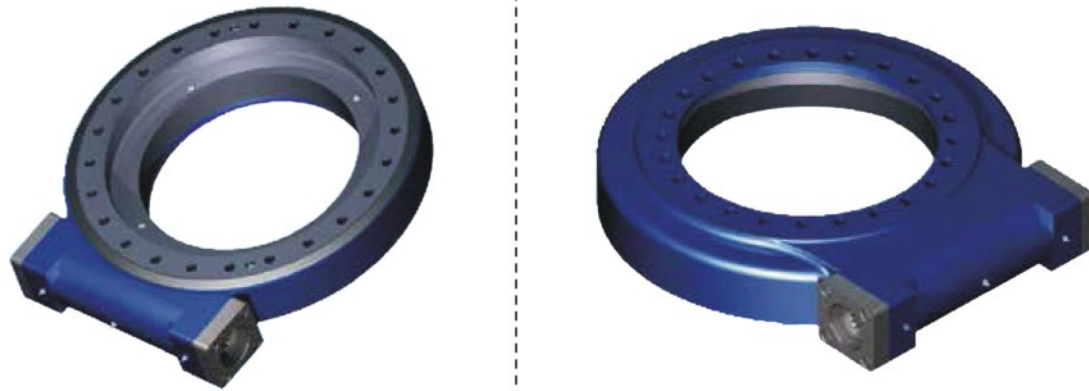
6B SPLINE

■ NORMAL

 169kg

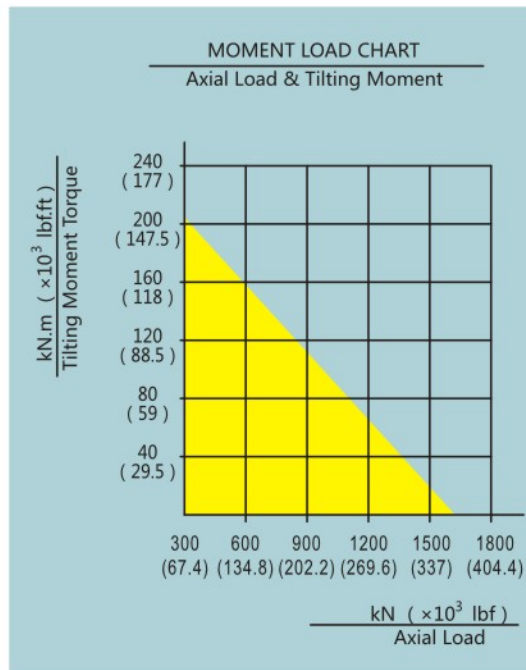
"A" VIEW AS INPUT IS AVAILABLE

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WE21 | Worm Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
WE21	28.7 kN.m	203 kN.m	105.8 kN.m	1598 kN	640 kN	385 kN	335 kN	90 : 1	≠ 0.1°	169kg
	21180 lbf.ft	150 × 10 ³ lbf.ft	78.1 × 10 ³ lbf.ft	359 × 10 ³ lbf	144 × 10 ³ lbf	87 × 10 ³ lbf	75 × 10 ³ lbf			

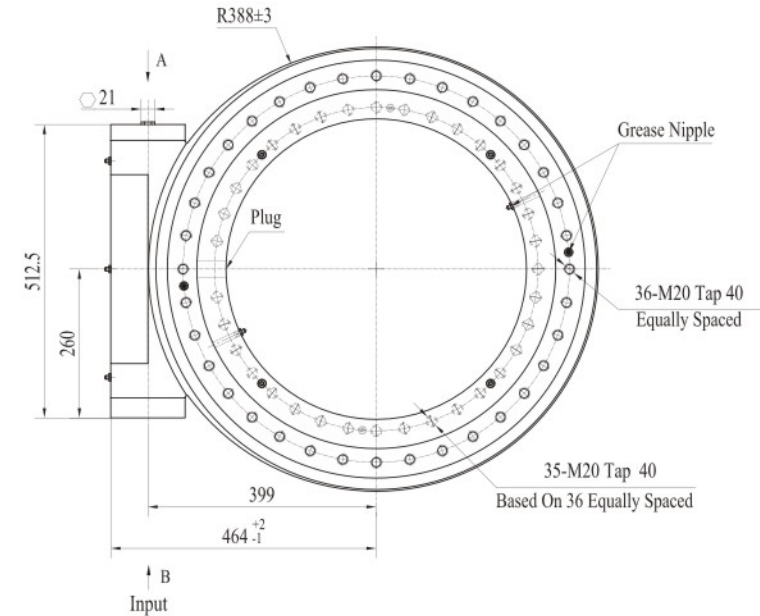


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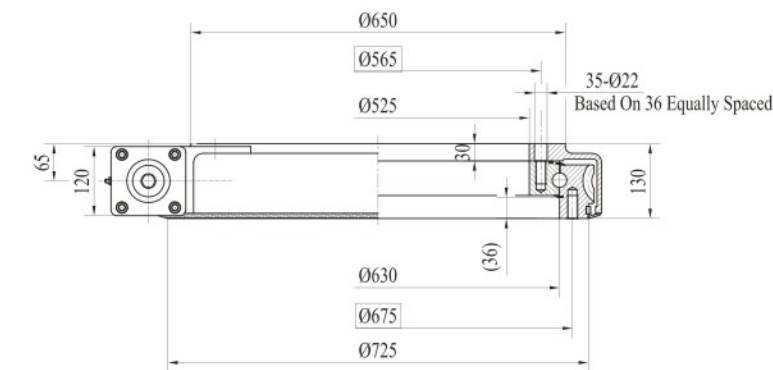
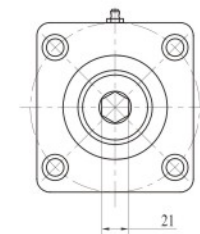
WE25 | WORM DRIVE

UNITS: mm
1 inch = 25.4 mm



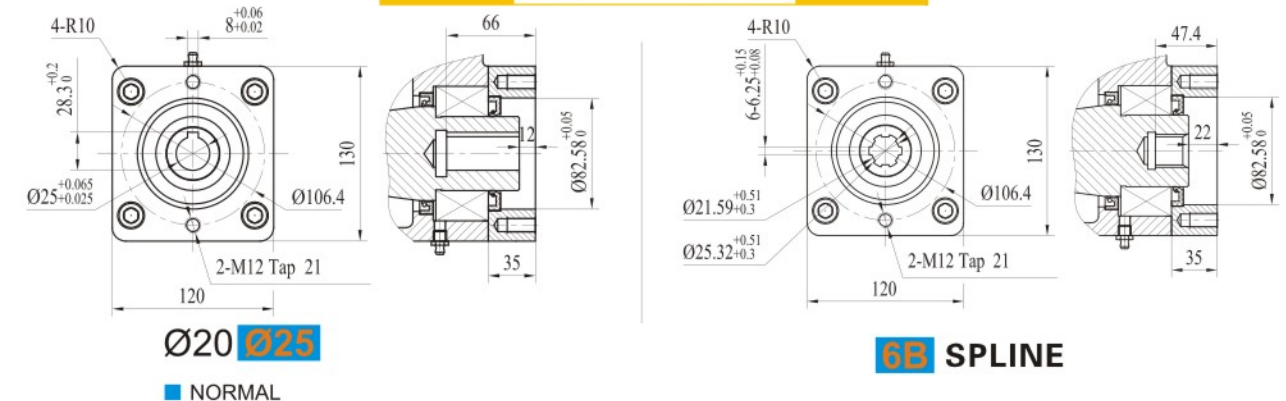
VIEW A OPTION

WITH HEX



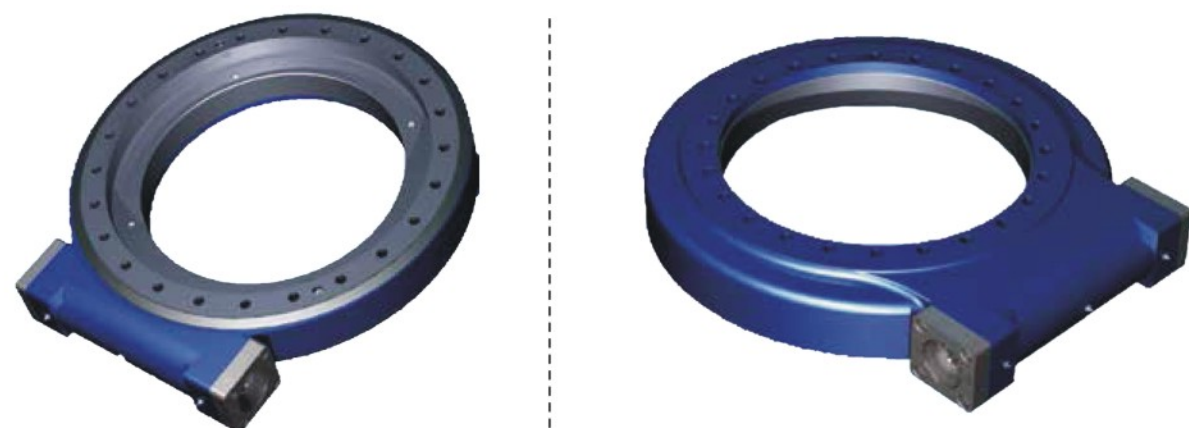
199kg

VIEW B OPTION



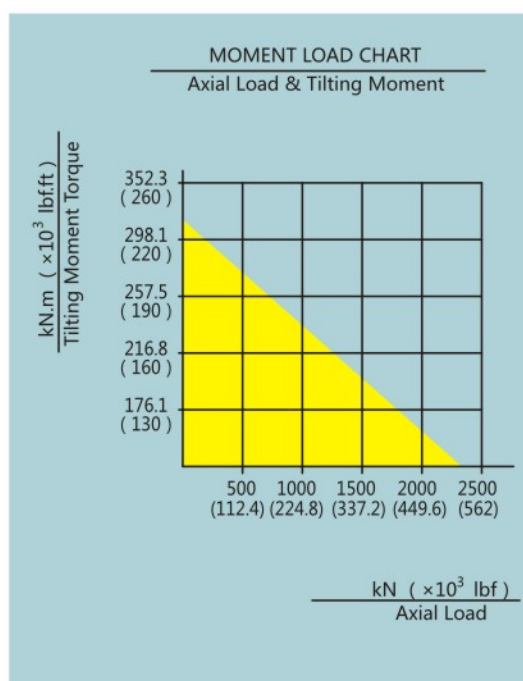
"A" VIEW AS INPUT IS AVAILABLE

CUSTOMIZED UPON REQUESTS



WE25 | Worm Drive Performance Parameters

Model \ Data	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
WE25	34.2 kN.m	310 kN.m	158.3 kN.m	2360 kN	945 kN	590 kN	470 kN	104 : 1	≤ 0.1°	199kg
	25240 lbf.ft	229 × 10 ³ lbf.ft	117 × 10 ³ lbf.ft	531 × 10 ³ lbf	212 × 10 ³ lbf	133 × 10 ³ lbf	106 × 10 ³ lbf			



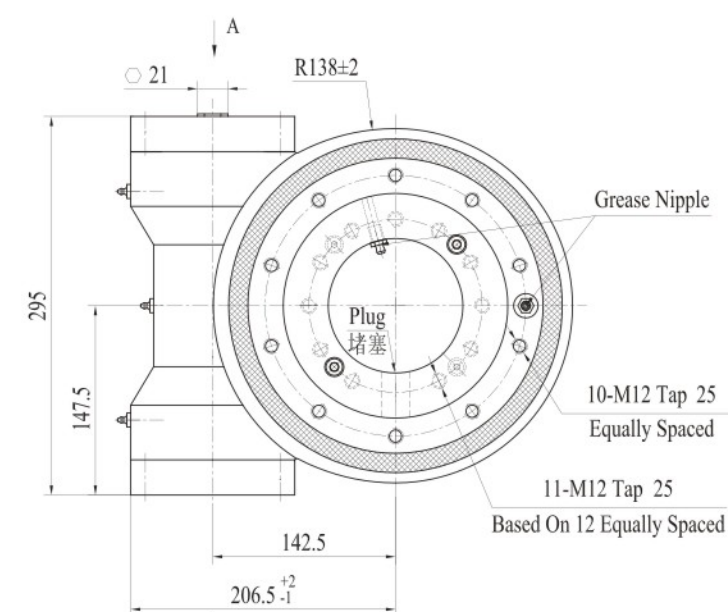
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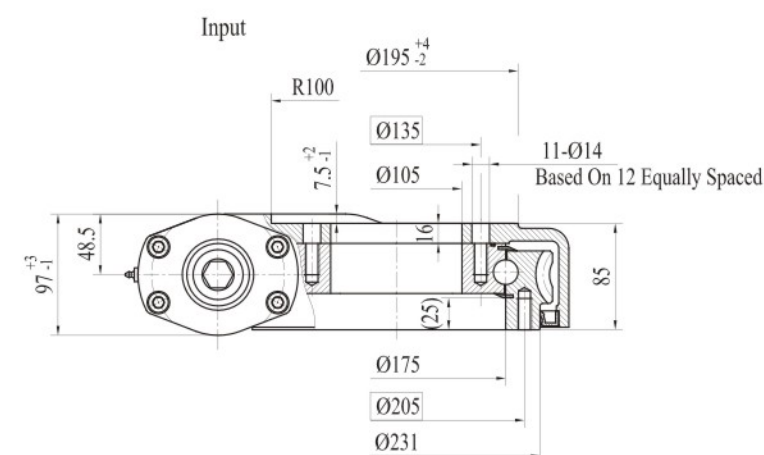
WEA7 | WORM DRIVE



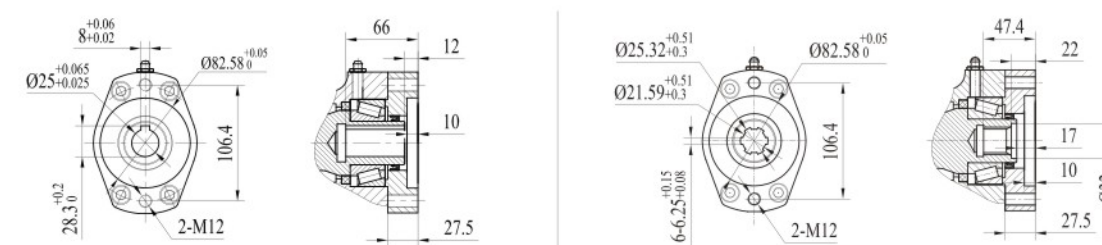
UNITS: mm
1 inch = 25.4 mm

[VIEW A OPTION](#)

WITH HEX

 **35kg**

VIEW B OPTION



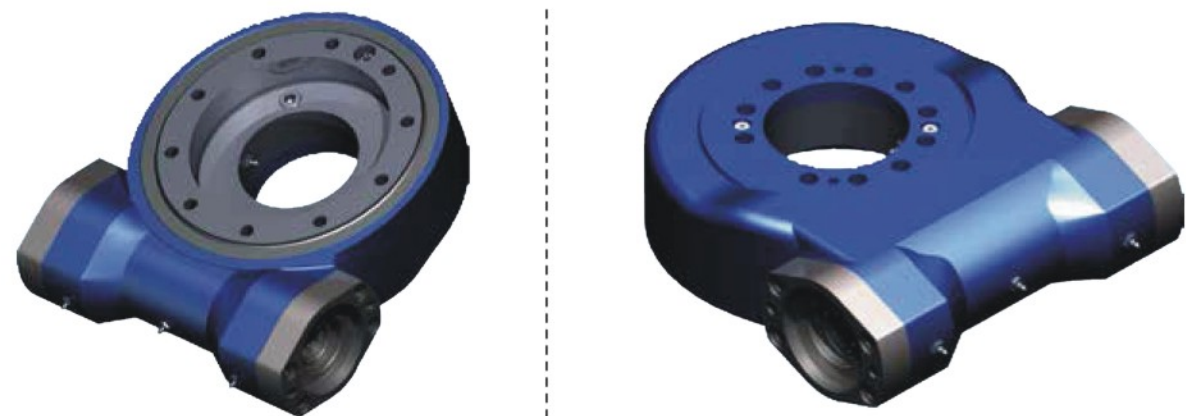
Ø12 Ø14 Ø16 Ø20 Ø25

■ NORMAL

6B SPLINE

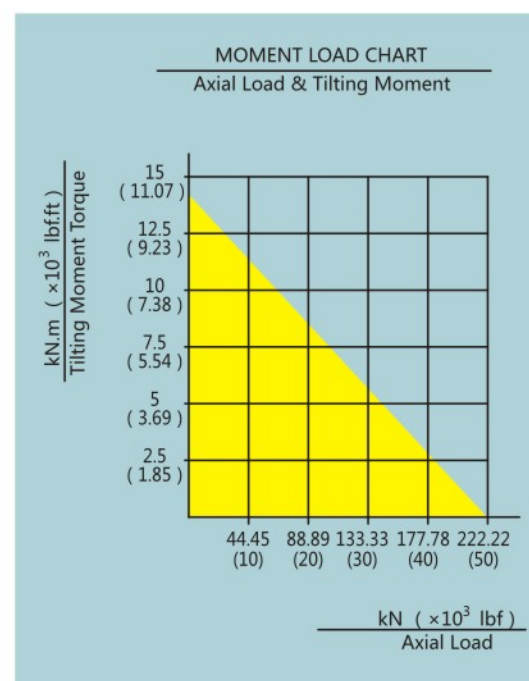
"A" VIEW AS INPUT IS AVAILABLE

CUSTOMIZED UPON REQUESTS



WEA7 | Worm Drive Performance Parameters

Model \ Data	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
WEA7	3.5 kN.m	14.2 kN.m	20 kN.m	220 kN	90 kN	63 kN	48 kN	47 : 1	≤ 0.15°	35kg
	2583 lbf.ft	10.5 × 10 ³ lbf.ft	14.8 × 10 ³ lbf.ft	49.5 × 10 ³ lbf	20.2 × 10 ³ lbf	14.2 × 10 ³ lbf	10.8 × 10 ³ lbf			

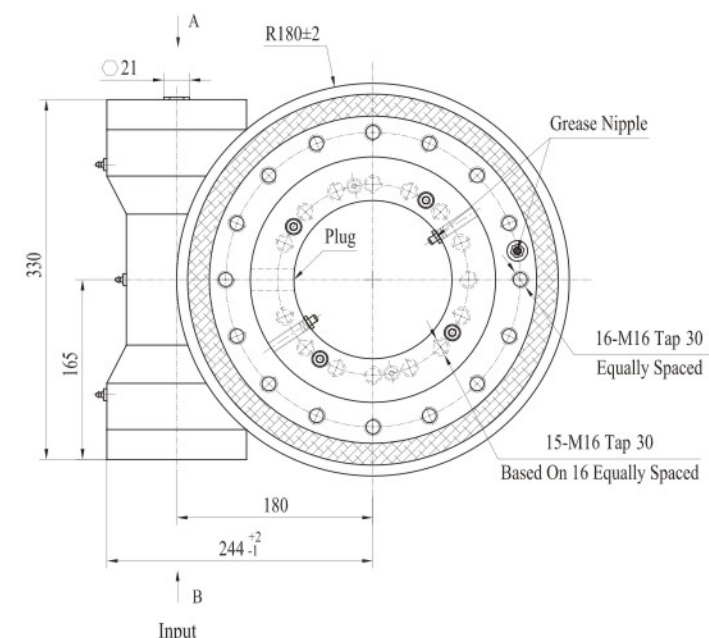


NOTICE

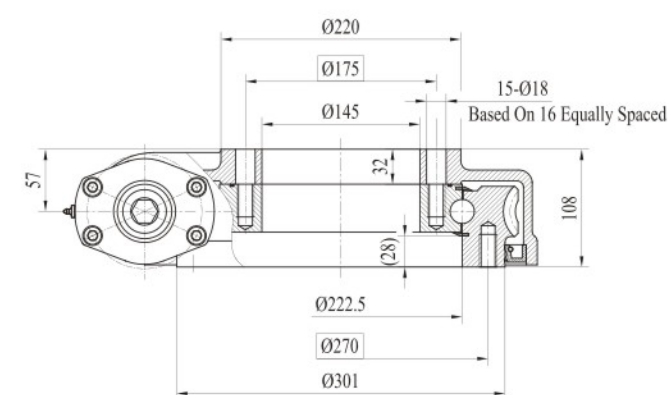
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WEA9 | WORM DRIVE

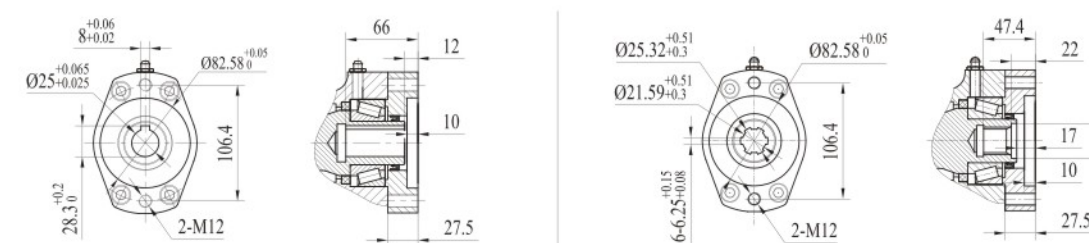
UNITS: mm
1 inch = 25.4 mm

[VIEW A OPTION](#)

WITH HEX

 **53kg**

VIEW B OPTION



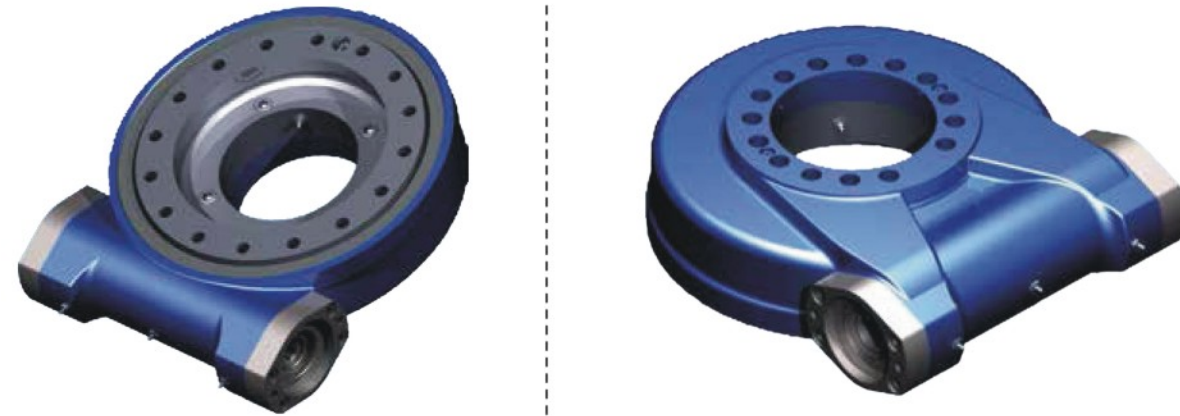
Ø12 Ø14 Ø16 Ø20 Ø25

■ NORMAL

6B SPLINE

"A" VIEW AS INPUT IS AVAILABLE

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WEA9 | Worm Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
WEA9	8 kN.m	35.6 kN.m	38.7 kN.m	578 kN	215 kN	136 kN	115 kN	62 : 1	≤ 0.15°	53kg
	5904 lbf.ft	26.3 × 10 ³ lbf.ft	29 × 10 ³ lbf.ft	129.9 × 10 ³ lbf	48.3 × 10 ³ lbf	30.6 × 10 ³ lbf	25.9 × 10 ³ lbf			



NOTICE

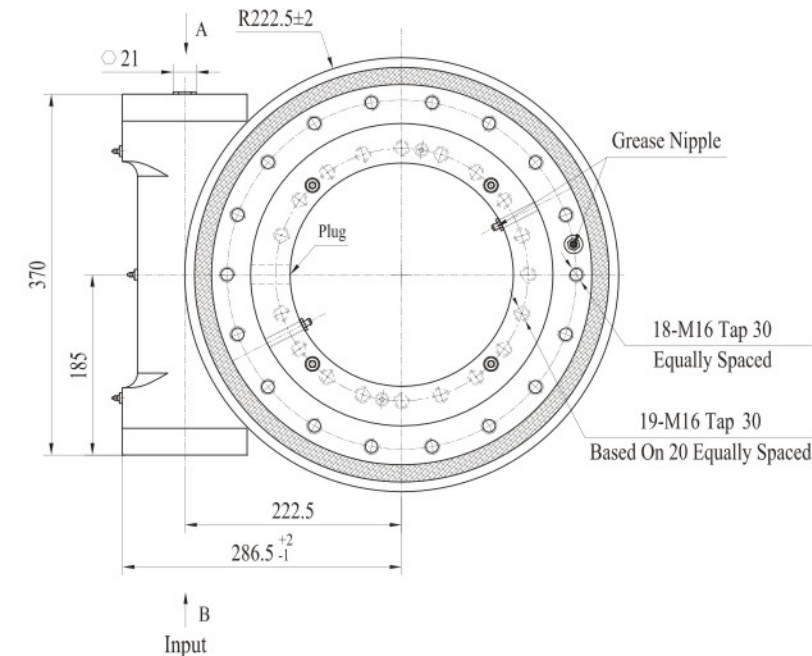
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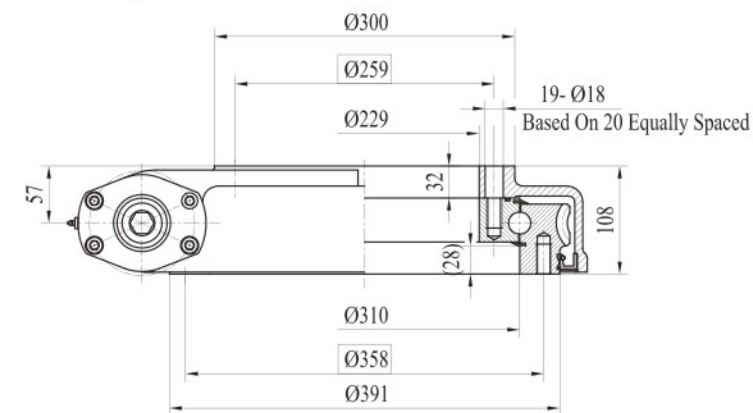
WEA12 | WORM DRIVE

UNITS: mm
1 inch = 25.4 mm



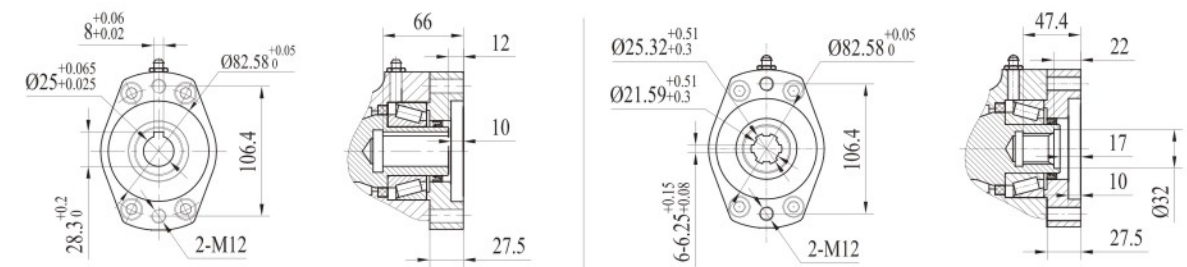
VIEW A OPTION

WITH HEX



66.8kg

VIEW B OPTION



Ø12 Ø14 Ø16 Ø20 **Ø25**

■ NORMAL

68 SPLINE

"A" VIEW AS INPUT IS AVAILABLE

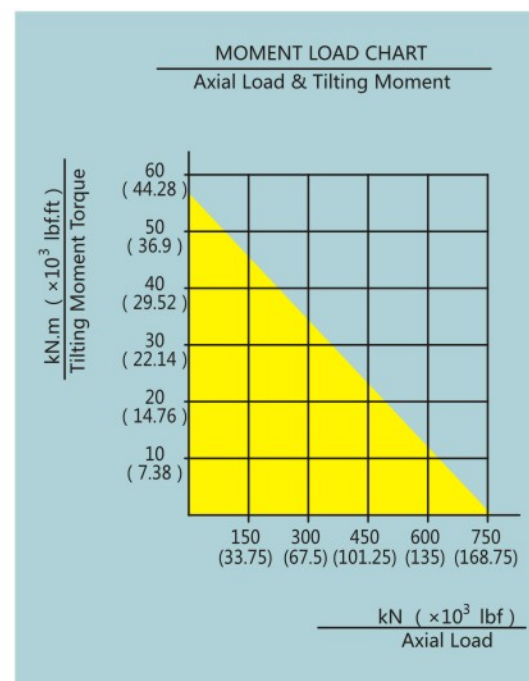
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WEA14 | WORM DRIVE

UNITS: mm
1 inch = 25.4 mm

WEA12 | Worm Drive Performance Parameters

Data	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
WEA12	9.5 kN.m	57 kN.m	43 kN.m	760 kN	280 kN	190 kN	148 kN	79 : 1	≤ 0.15°	66.8kg
	7011 lbf.ft	42.1 × 10 ³ lbf.ft	32 × 10 ³ lbf.ft	171.1 × 10 ³ lbf	62.9 × 10 ³ lbf	42.7 × 10 ³ lbf	33.3 × 10 ³ lbf			

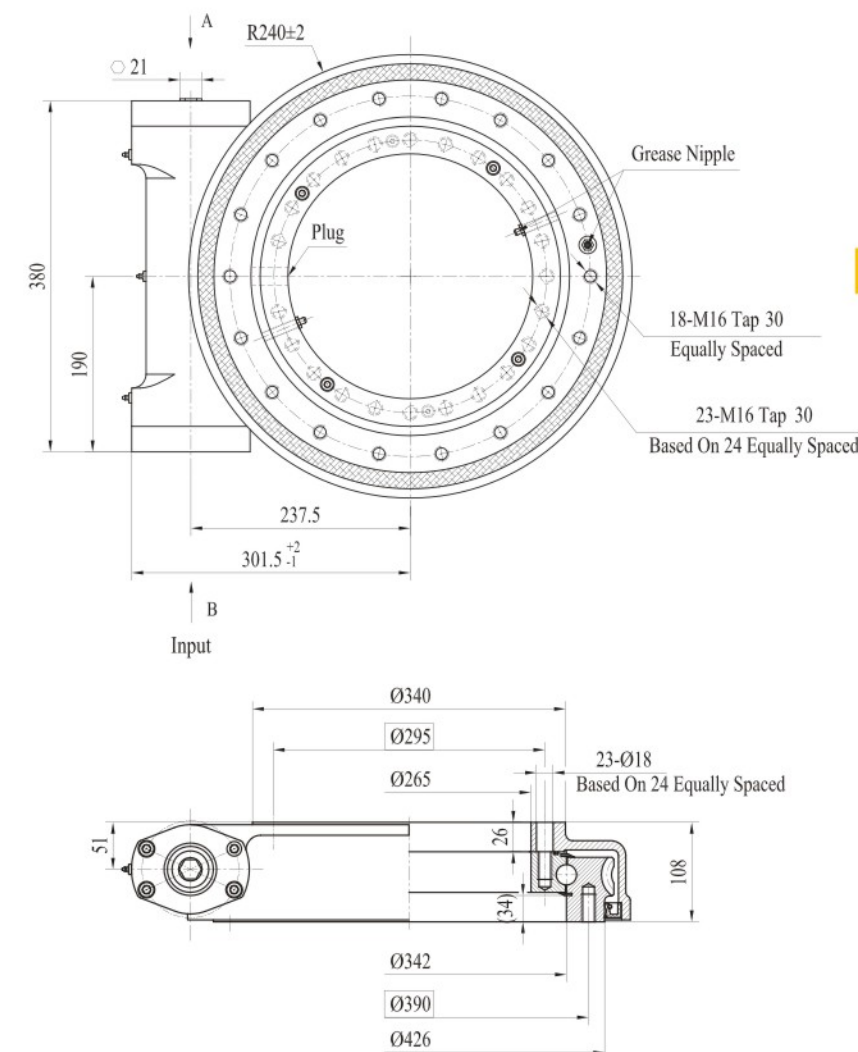


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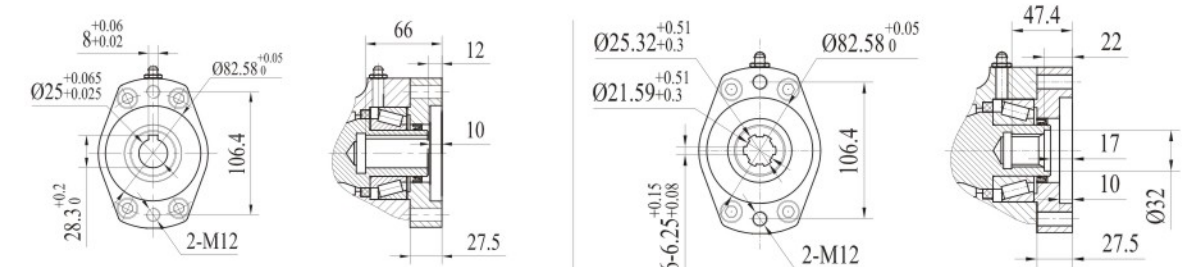
VIEW A OPTION

WITH HEX



75kg

VIEW B OPTION



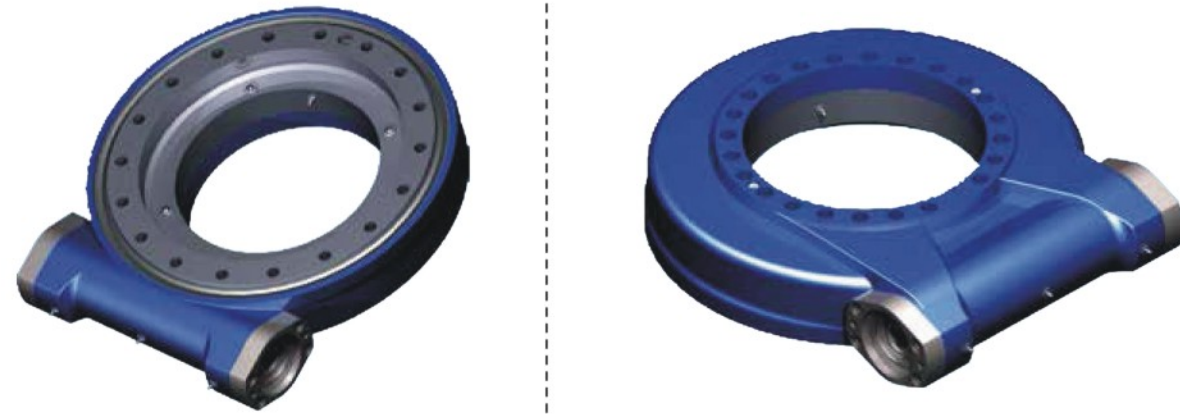
Ø12 Ø14 Ø16 Ø20 Ø25

■ NORMAL

68 SPLINE

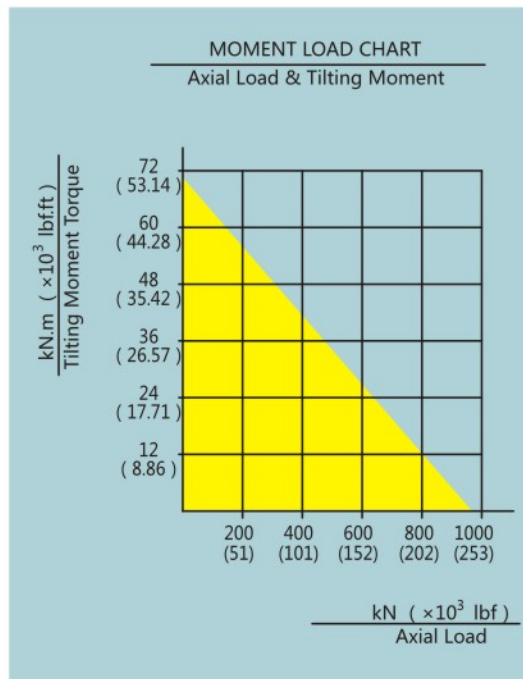
"A" VIEW AS INPUT IS AVAILABLE

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WEA14 | Worm Drive Performance Parameters

Data	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
WEA14	10.8 kN.m	71.2 kN.m	48 kN.m	960 kN	360 kN	230 kN	200 kN	86 : 1	≤ 0.13°	75kg
	7970 lbf.ft	52.6 × 10 ³ lbf.ft	35 × 10 ³ lbf.ft	215.8 × 10 ³ lbf	80.9 × 10 ³ lbf	51.7 × 10 ³ lbf	44.9 × 10 ³ lbf			



NOTICE

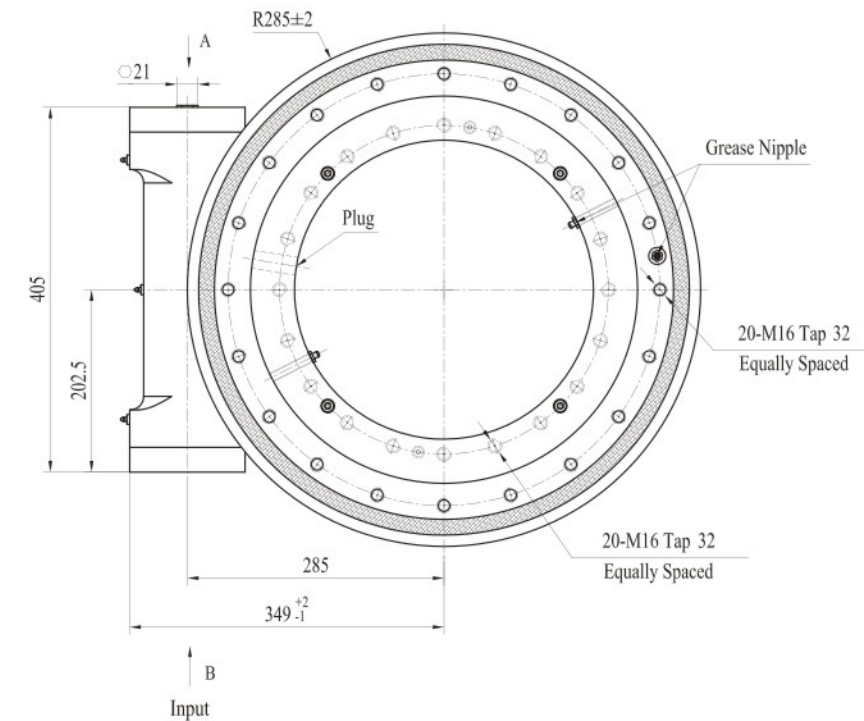
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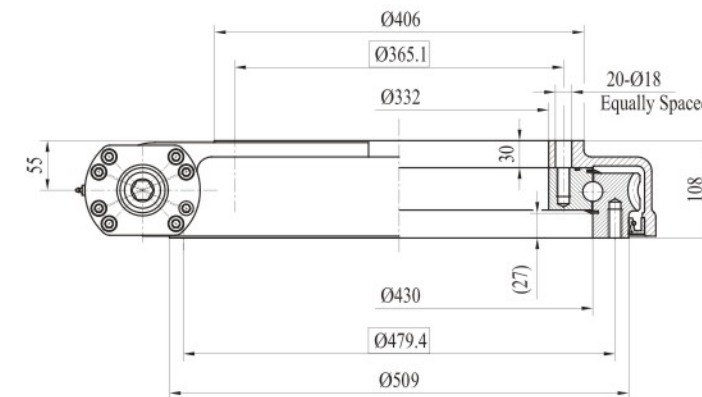
WEA17 | WORM DRIVE

UNITS: mm
1 inch = 25.4 mm

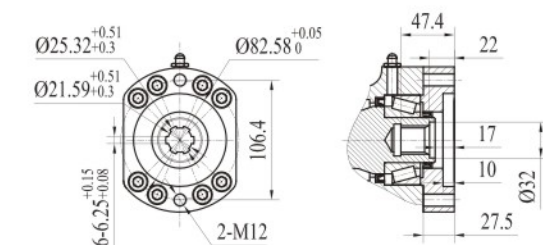
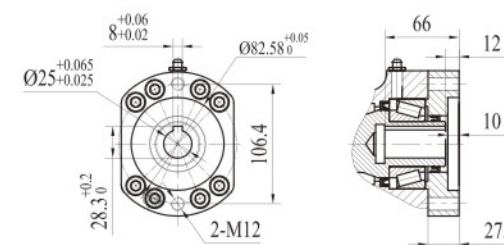


VIEW A OPTION

WITH HEX



VIEW B OPTION



96kg

Ø12 Ø14 Ø16 Ø20 **Ø25**

■ NORMAL

6B SPLINE

"A" VIEW AS INPUT IS AVAILABLE

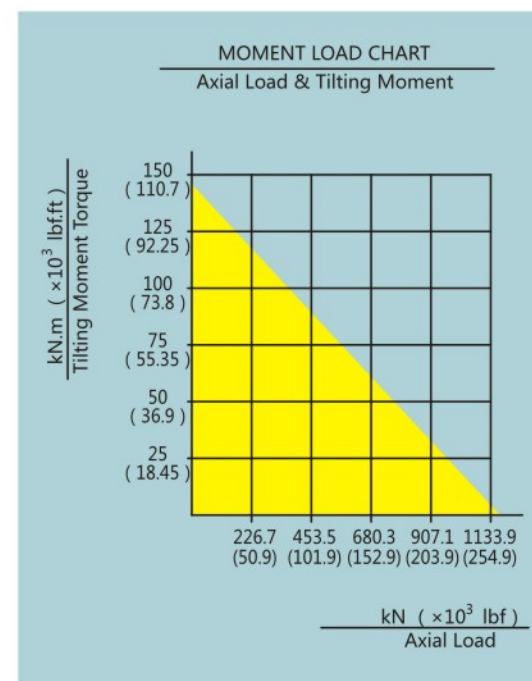
CUSTOMIZED UPON REQUESTS

WEA19 | WORM DRIVE

UNITS: mm
1 inch = 25.4 mm

WEA17 | Worm Drive Performance Parameters

Model	Data	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
WEA17		12.96 kN.m	142.4 kN.m	72.3 kN.m	1166 kN	435 kN	280 kN	231 kN	104 : 1	≤ 0.1°	96kg
		9564 lbf.ft	105 × 10 ³ lbf.ft	53.4 × 10 ³ lbf.ft	262 × 10 ³ lbf	97.8 × 10 ³ lbf	62.9 × 10 ³ lbf	51.9 × 10 ³ lbf			

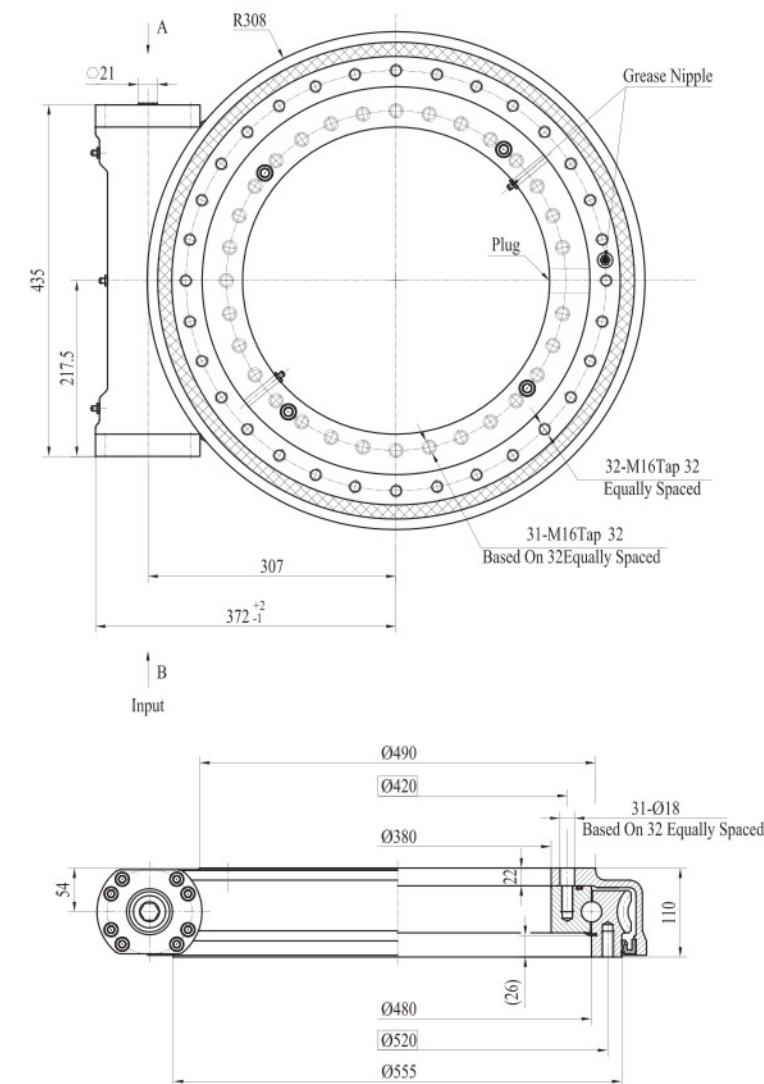


NOTICE

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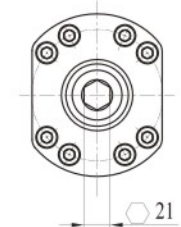
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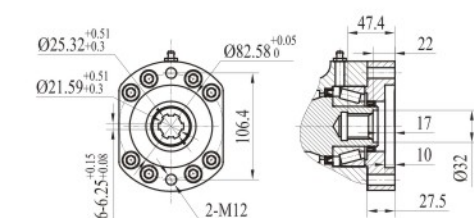
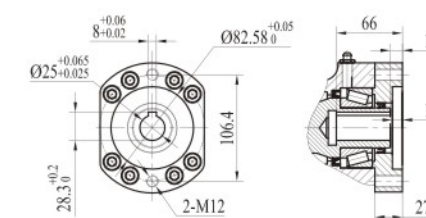
VIEW A OPTION

WITH HEX



130kg

VIEW B OPTION



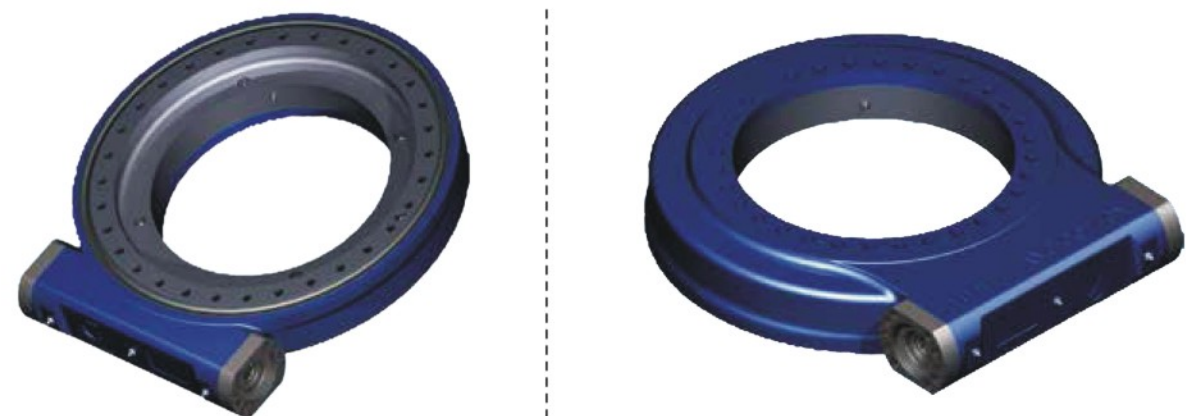
Ø12 Ø14 Ø16 Ø20 Ø25

■ NORMAL

68 SPLINE

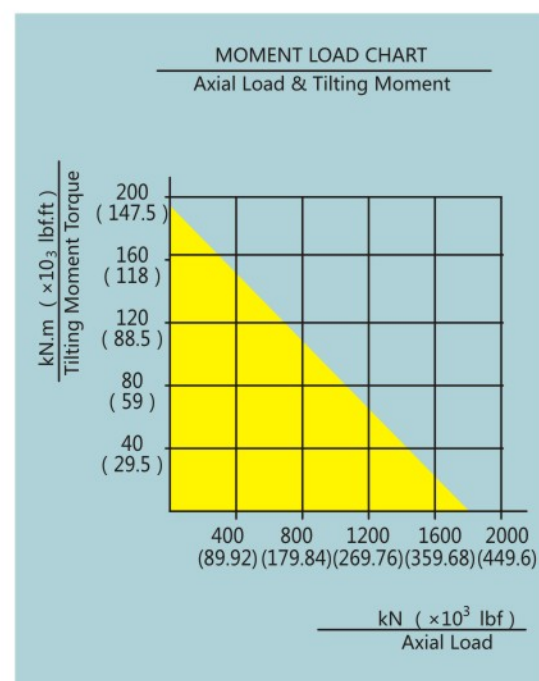
"A" VIEW AS INPUT IS AVAILABLE

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WEA19 | Worm Drive Performance Parameters

Model \ Data	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
WEA19	18.5 kN.m	196 kN.m	86.7 kN.m	1800 kN	675 kN	290 kN	250 kN	93 : 1	≤ 0.1°	130kg
	13653 lbf.ft	144.6 × 10 ³ lbf.ft	64 × 10 ³ lbf.ft	404.6 × 10 ³ lbf	151.7 × 10 ³ lbf	65.2 × 10 ³ lbf	56.2 × 10 ³ lbf			

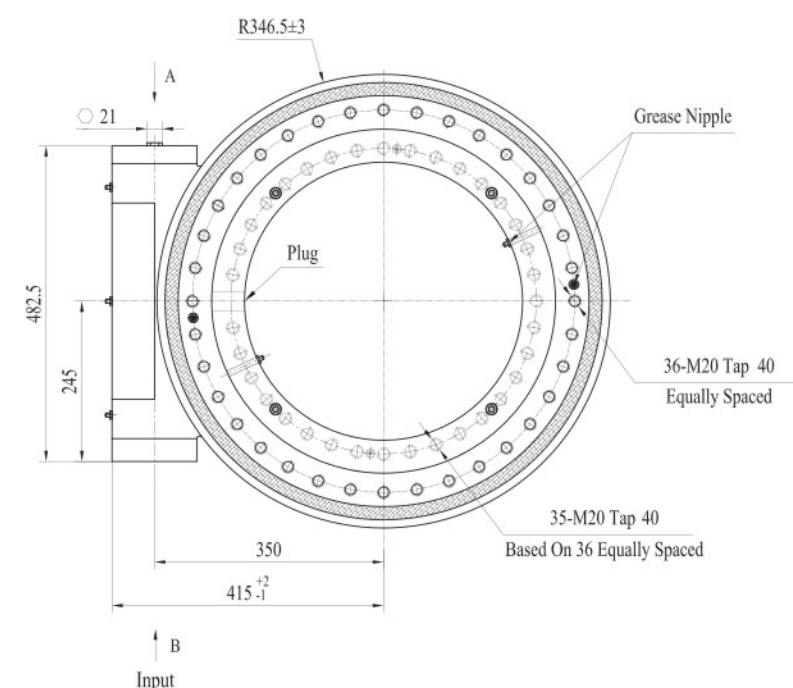


NOTICE

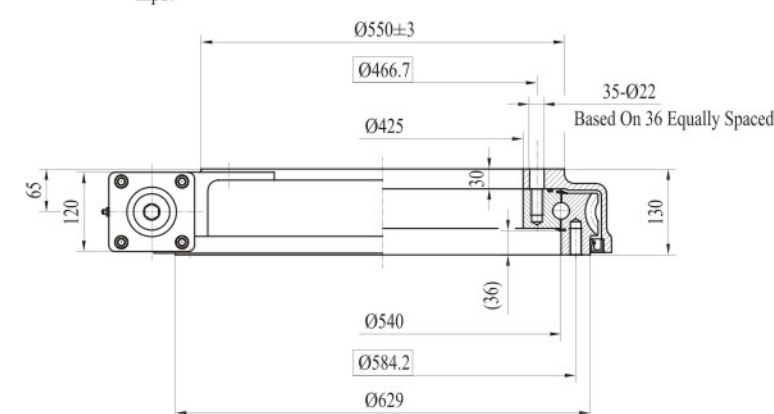
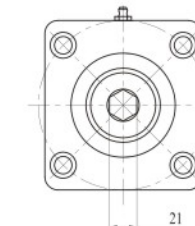
- ▲ PLEASE BE SURE TO REMAIN UNDER THIS CURVE
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WEA21 | WORM DRIVE

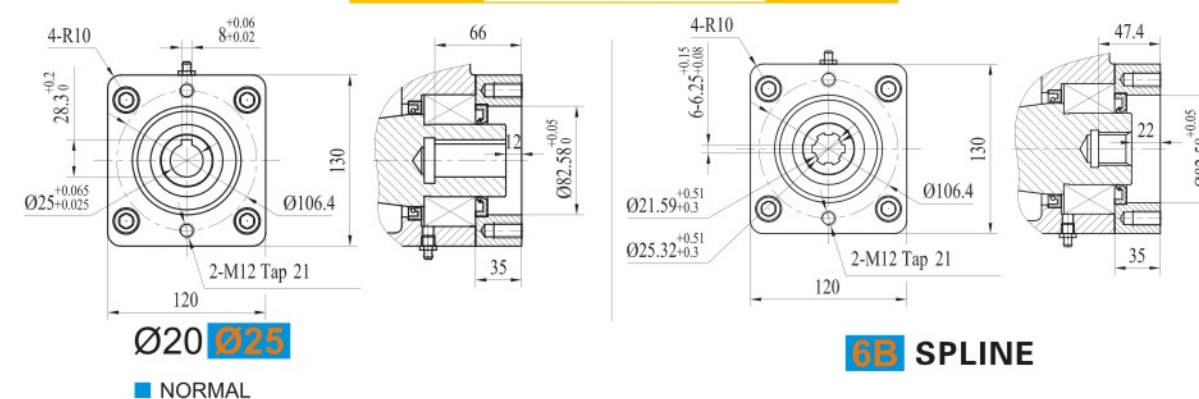
UNITS: mm
1 inch = 25.4 mm



WITH HEX

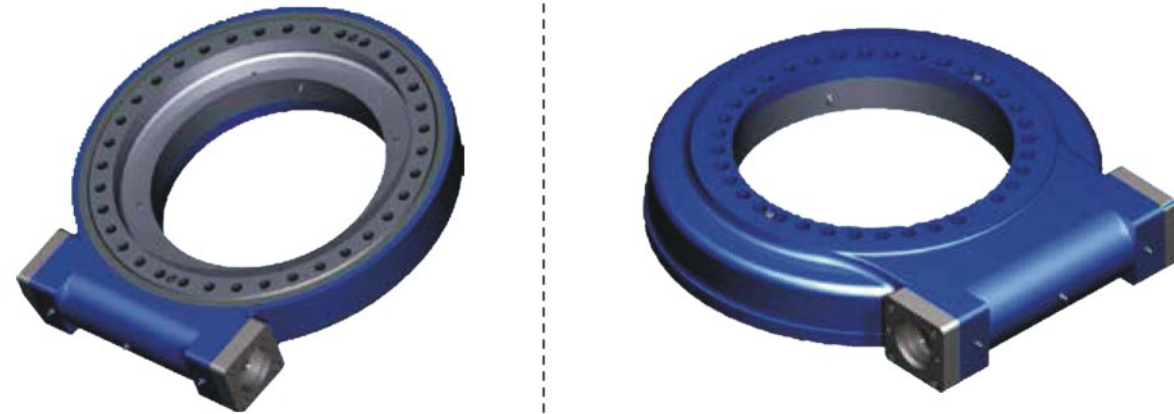
 **172kg**

VIEW B OPTION



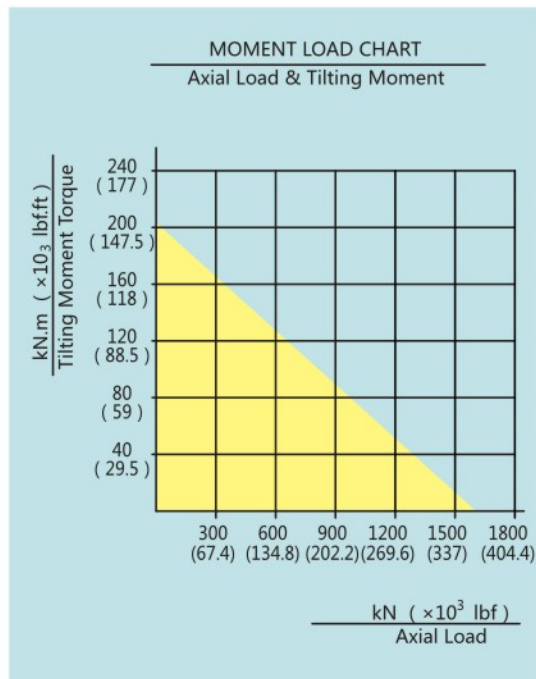
"A" VIEW AS INPUT IS AVAILABLE

CUSTOMIZED UPON REQUESTS



WEA21 | Worm Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
WEA21	28.7 kN.m	203 kN.m	105.8 kN.m	1598 kN	640 kN	385 kN	335 kN	90 : 1	≤ 0.1°	172kg
	21180 lbf.ft	150 × 10 ³ lbf.ft	78.1 × 10 ³ lbf.ft	359 × 10 ³ lbf	144 × 10 ³ lbf	87 × 10 ³ lbf	75 × 10 ³ lbf			



NOTICE

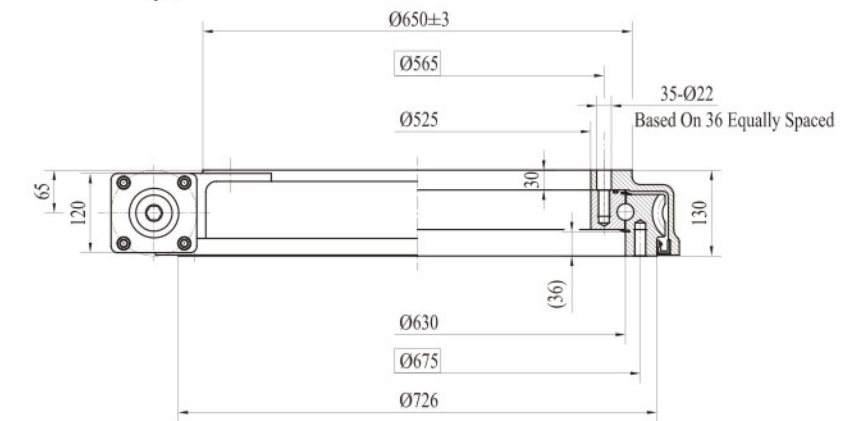
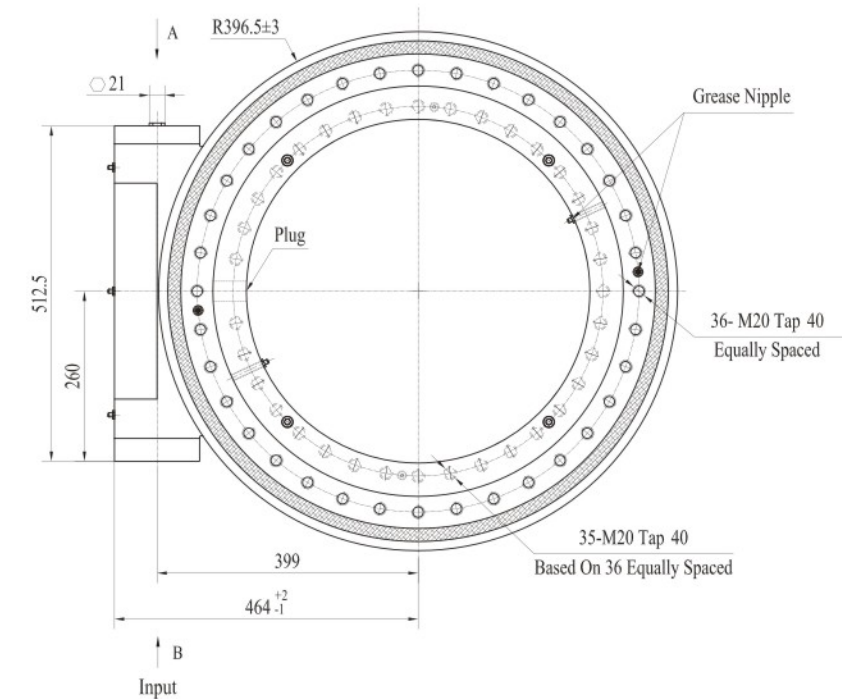
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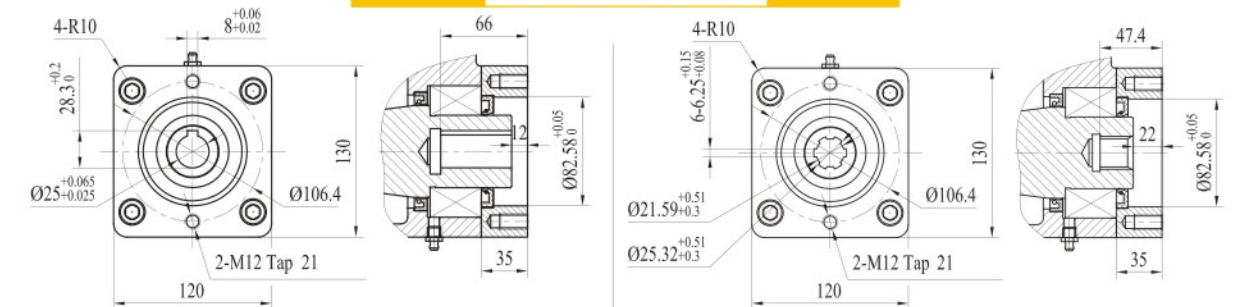
▲ The drawing is subject to change due to new design without prior notice

WEA25 | WORM DRIVE

UNITS: mm
1 inch = 25.4 mm



202kg



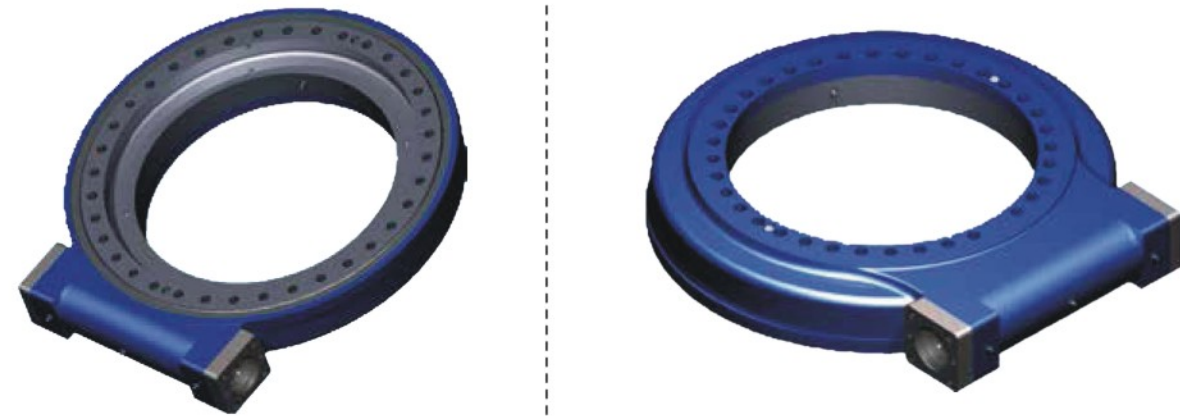
Ø20 Ø25

■ NORMAL

6B SPLINE

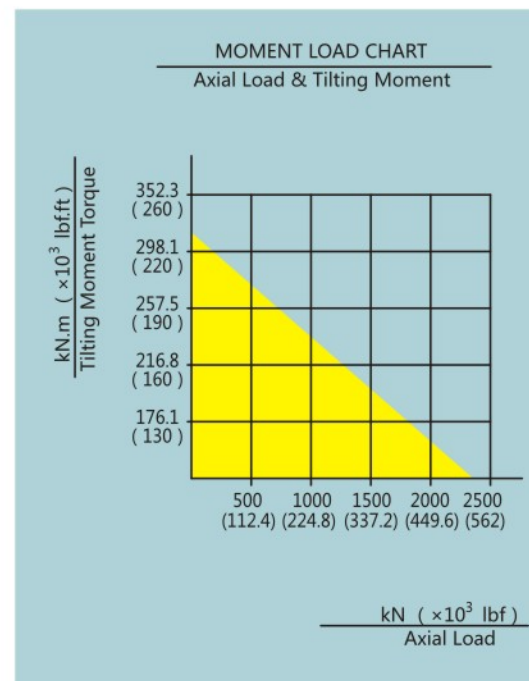
"A" VIEW AS INPUT IS AVAILABLE

CUSTOMIZED UPON REQUESTS



WEA25 | Worm Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
WEA25	34.2 kN.m	310 kN.m	158.3 kN.m	2360 kN	945 kN	590 kN	470 kN	104 : 1	≤ 0.1°	202kg
	25240 lbf.ft	229 × 10 ³ lbf.ft	117 × 10 ³ lbf.ft	531 × 10 ³ lbf	212 × 10 ³ lbf	133 × 10 ³ lbf	106 × 10 ³ lbf			



NOTICE

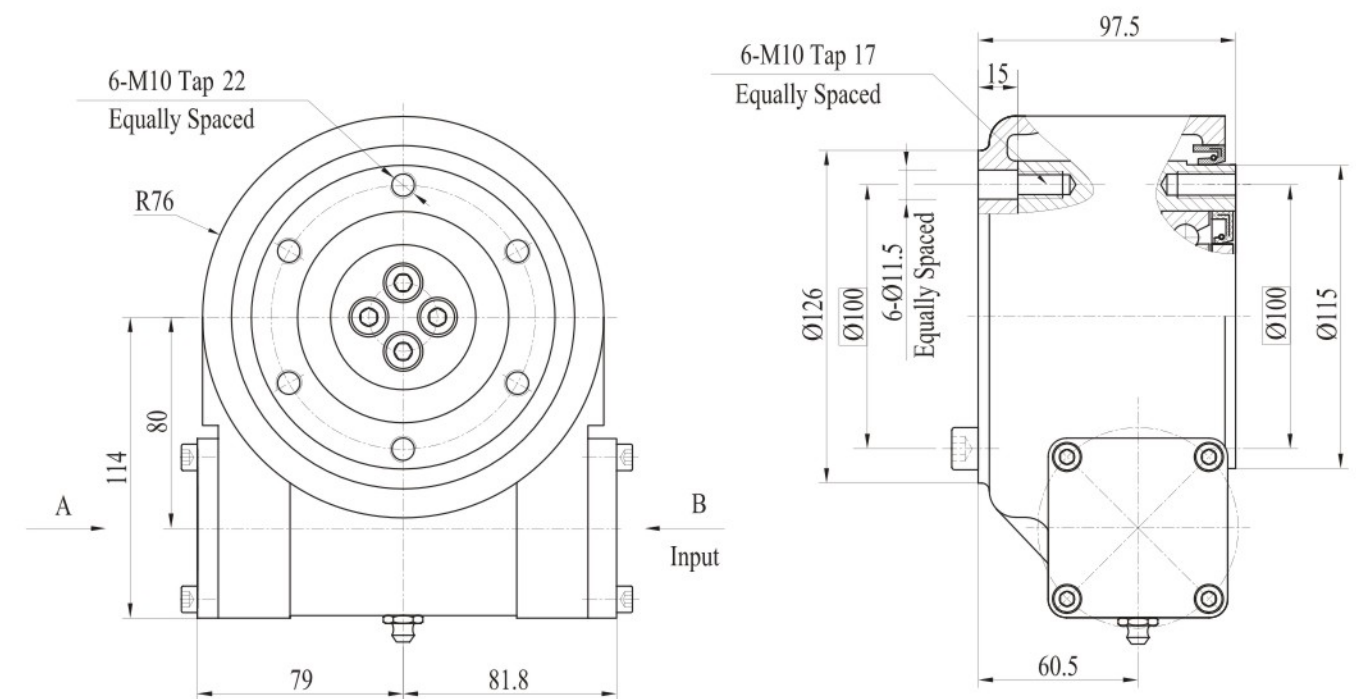
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SE3C/PE3C/ZE3C | SLEWING DRIVE

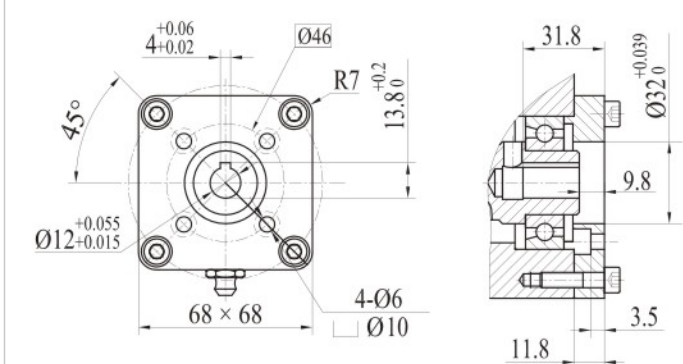
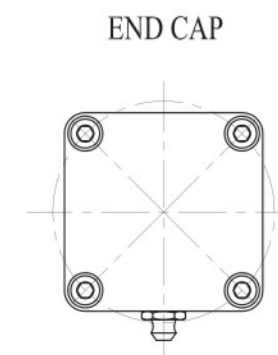
UNITS: mm
1 inch = 25.4 mm



12kg

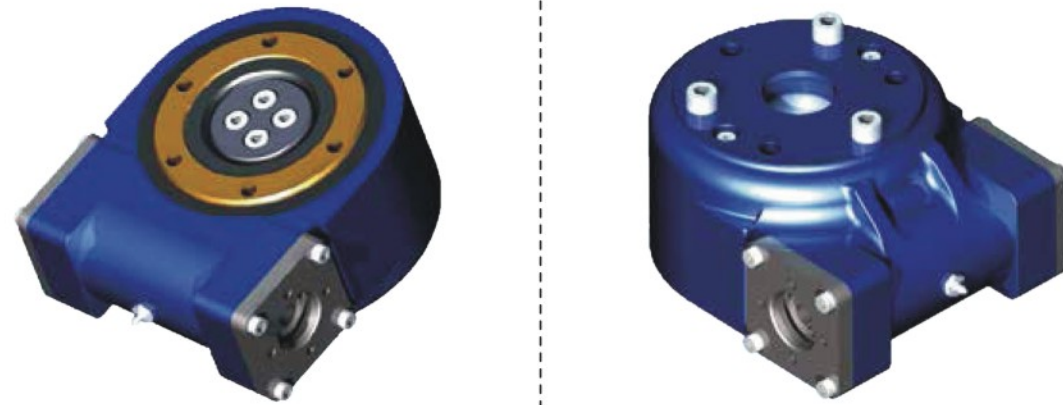
VIEW A

VIEW B



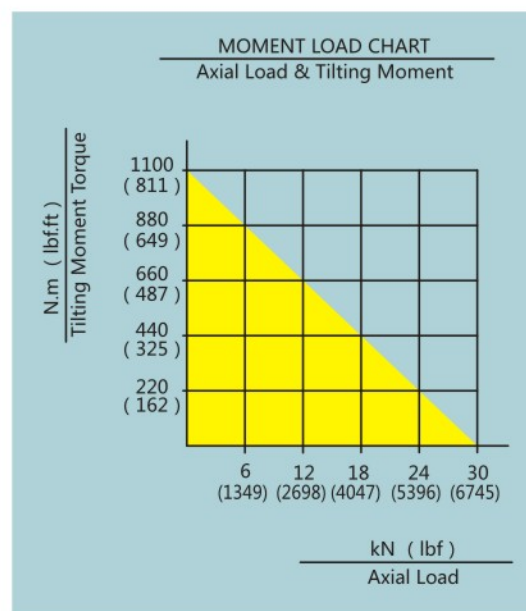
"A" VIEW AS INPUT IS AVAILABLE

CUSTOMIZED UPON REQUESTS



SE3C/PE3C/ZE3C | Slewing Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
SE3C	400 N.m	1100 N.m	2000 N.m	30 kN	16.6 kN	9.6 kN	8.4 kN	62 : 1	≤ 0.2°	12kg
	295 lbf.ft	811 lbf.ft	1475 lbf.ft	6744 lbf	3732 lbf	2158 lbf	1888 lbf			
PE3C	400 N.m	1100 N.m	2000 N.m	30 kN	16.6 kN	9.6 kN	8.4 kN	62 : 1	I : ≤ 0.08° II : ≤ 0.12° III : ≤ 0.15°	12kg
	295 lbf.ft	811 lbf.ft	1475 lbf.ft	6744 lbf	3732 lbf	2158 lbf	1888 lbf			
ZE3C	240 N.m	1100 N.m	2000 N.m	30 kN	16.6 kN	9.6 kN	8.4 kN	62 : 1	0°	12kg
	177 lbf.ft	811 lbf.ft	1475 lbf.ft	6744 lbf	3732 lbf	2158 lbf	1888 lbf			



NOTICE

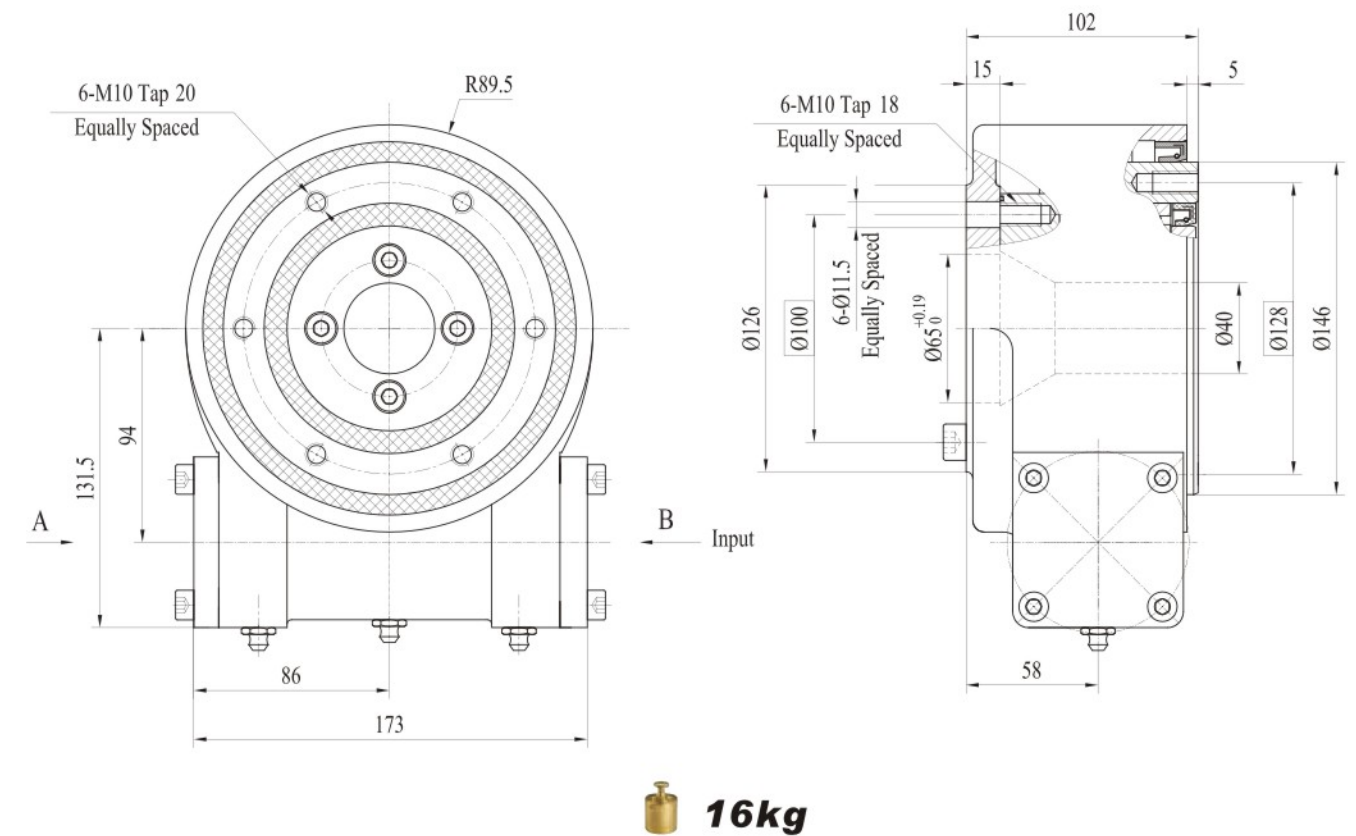
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SE5C/PE5C | SLEWING DRIVE

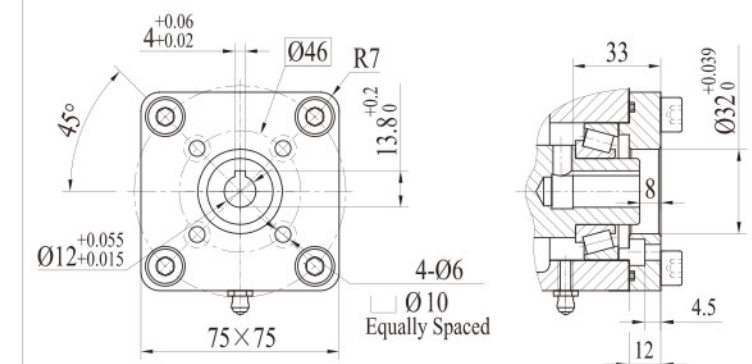
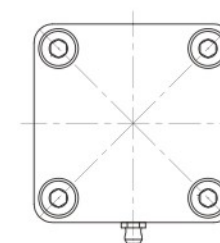
UNITS: mm
1 inch = 25.4 mm



VIEW A

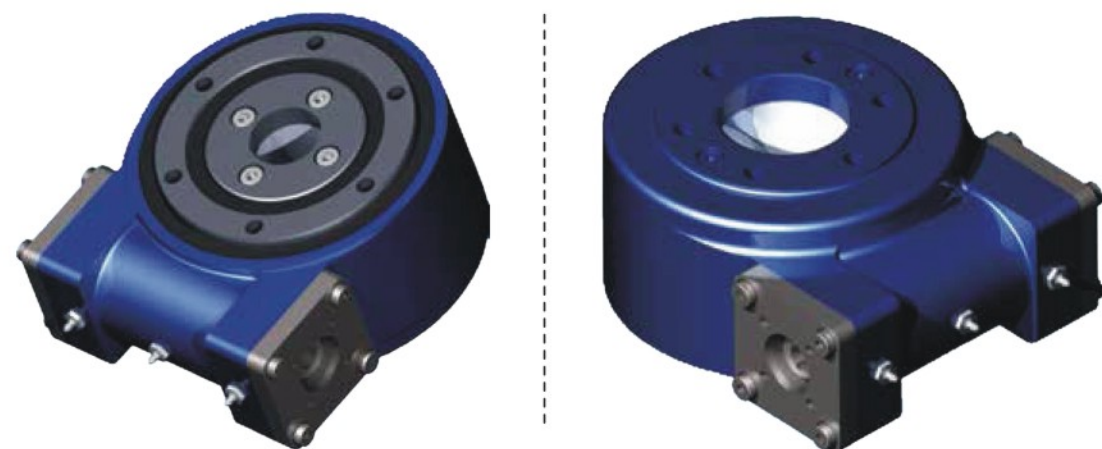
VIEW B

END CAP



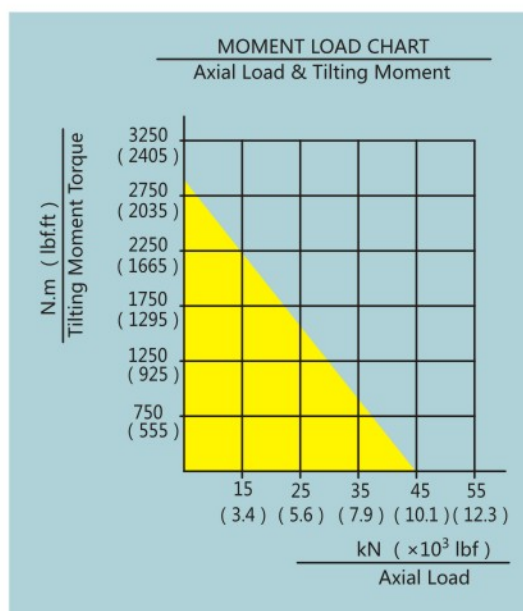
"A" VIEW AS INPUT IS AVAILABLE

CUSTOMIZED UPON REQUESTS



SE5C/PE5C | Slewing Drive Performance Parameters

Model \ Data	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
SE5C	600 N.m	2800 N.m	5000 N.m	45 kN	22 kN	14.4 kN	11.1 kN	62 : 1	≦ 0.2°	16kg
	442.5 lbf.ft	2066.4 lbf.ft	3690 lbf.ft	10116 lbf	4945.6 lbf	3237.1 lbf	2495.3 lbf			
PE5C	600 N.m	2800 N.m	5000 N.m	45 kN	22 kN	14.4 kN	11.1 kN	62 : 1	I : ≦ 0.05° II : ≦ 0.08° III : ≦ 0.12°	16kg
	442.5 lbf.ft	2066.4 lbf.ft	3690 lbf.ft	10116 lbf	4945.6 lbf	3237.1 lbf	2495.3 lbf			

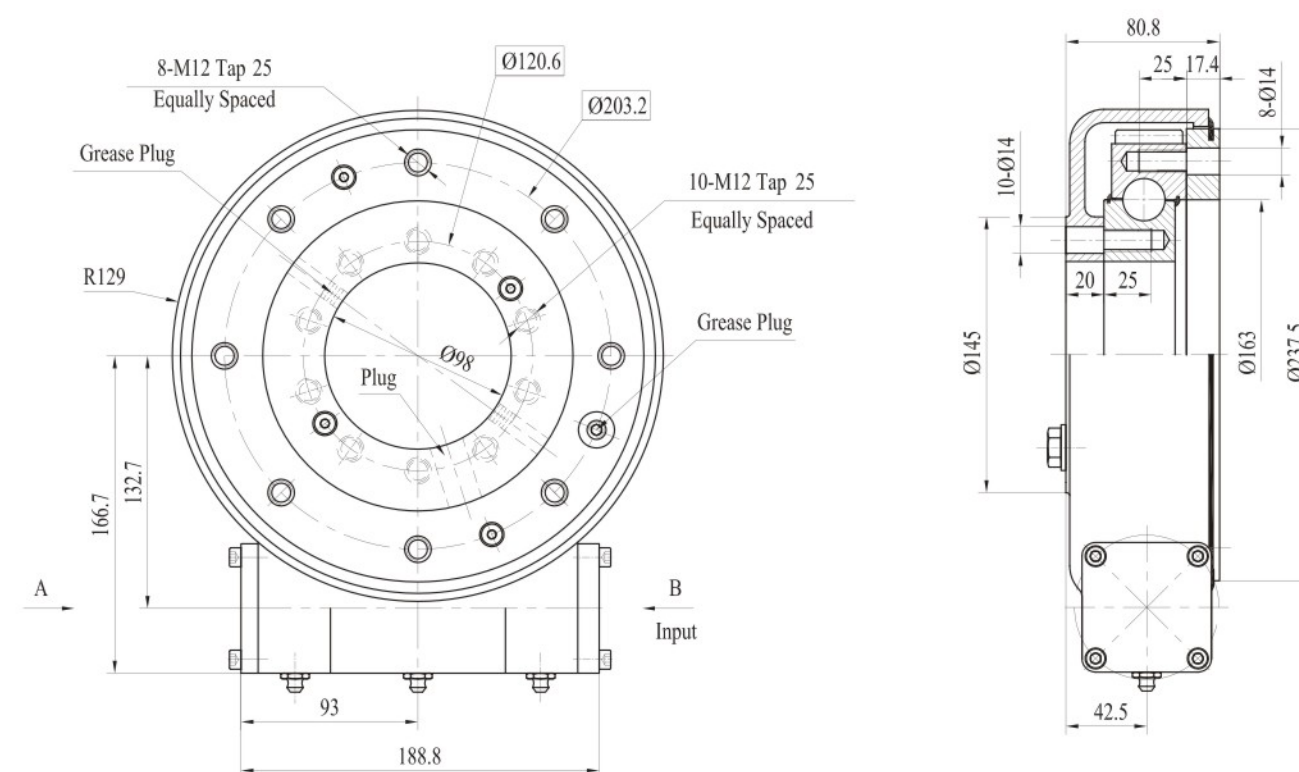


NOTICE

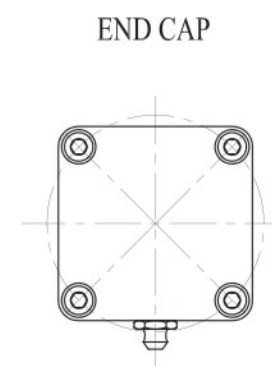
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SE7/PE7/ZE7 | SLEWING DRIVE

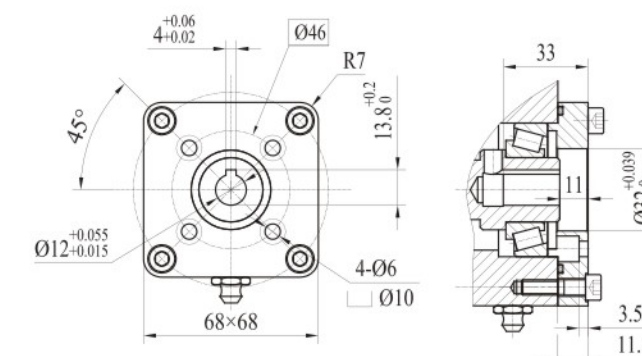
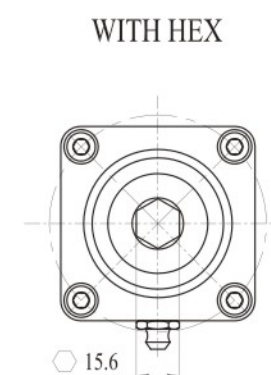
UNITS: mm
1 inch = 25.4 mm

 **21kg**

VIEW A OPTION

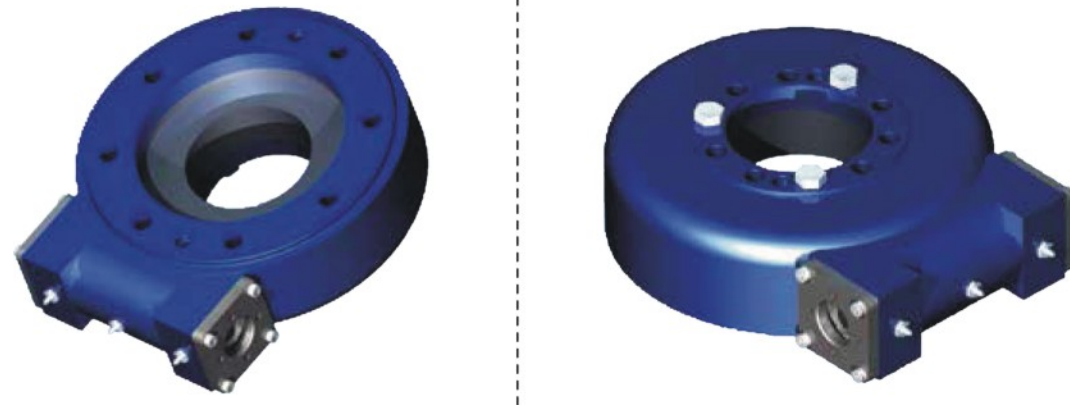


VIEW B



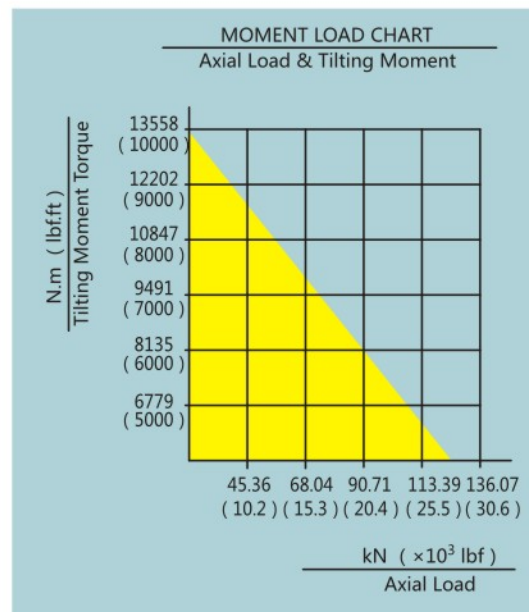
"A" VIEW AS INPUT IS AVAILABLE

CUSTOMIZED UPON REQUESTS



SE7/PE7/ZE7 | Slewing Drive Performance Parameters

Model	Data	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
SE7		1500 N.m	13500 N.m	10400 N.m	133 kN	53 kN	32 kN	28 kN	73 : 1	≤ 0.2°	21kg
		1107 lbf.ft	9957 lbf.ft	7671 lbf.ft	29900 lbf	11915 lbf	7194 lbf	6295 lbf			
PE7		1500 N.m	13500 N.m	10400 N.m	133 kN	53 kN	32 kN	28 kN	73 : 1	I : ≤ 0.05° II : ≤ 0.07° III : ≤ 0.11°	21kg
		1107 lbf.ft	9957 lbf.ft	7671 lbf.ft	29900 lbf	11915 lbf	7194 lbf	6295 lbf			
ZE7		600 N.m	13500 N.m	10400 N.m	133 kN	53 kN	32 kN	28 kN	73 : 1	0°	21kg
		443 lbf.ft	9957 lbf.ft	7671 lbf.ft	29900 lbf	11915 lbf	7194 lbf	6295 lbf			



NOTICE

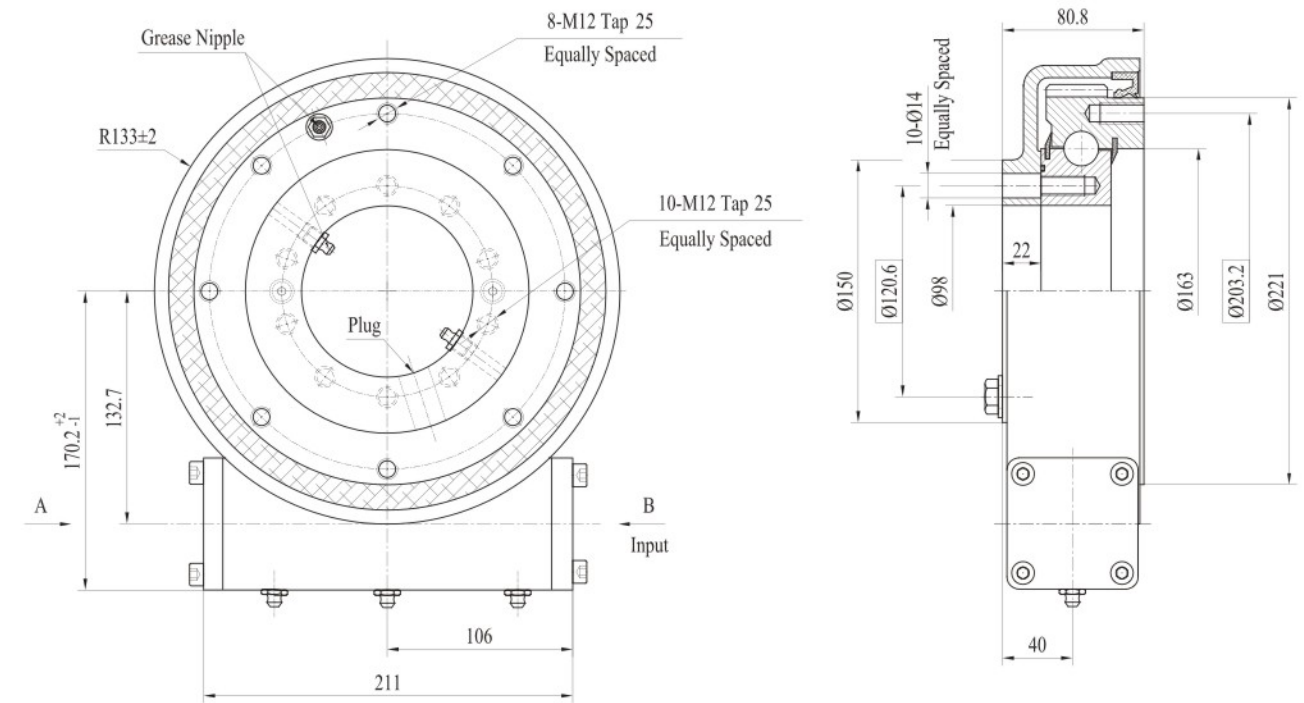
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SE7A/PE7A | SLEWING DRIVE

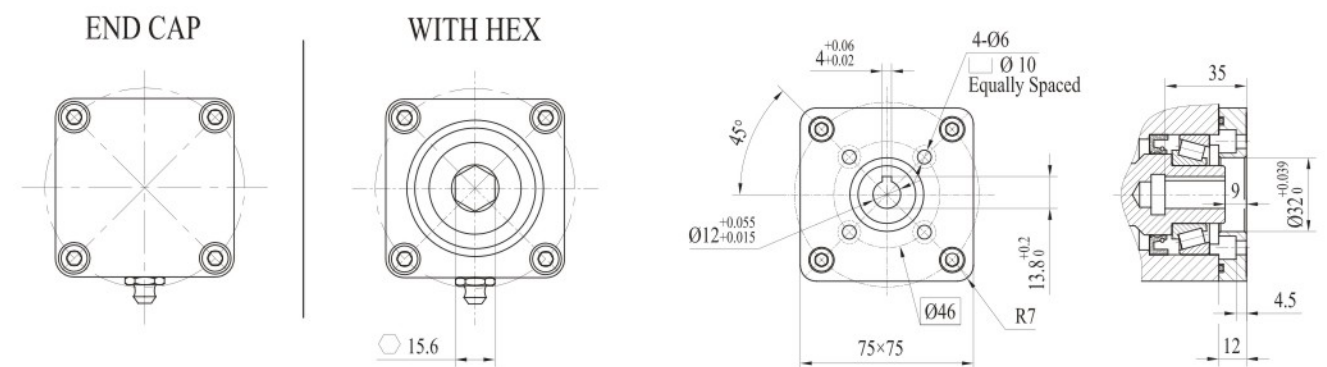
UNITS: mm
1 inch = 25.4 mm



25kg

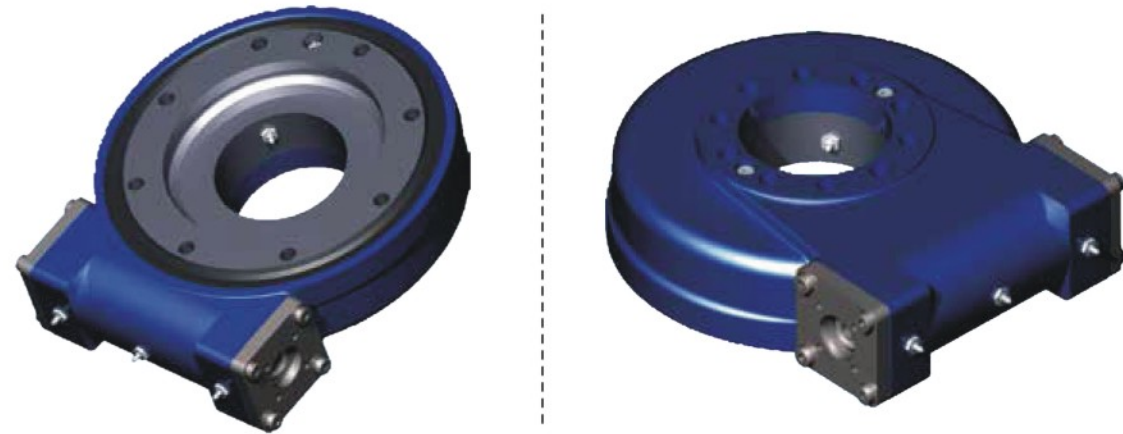
VIEW A OPTION

VIEW B



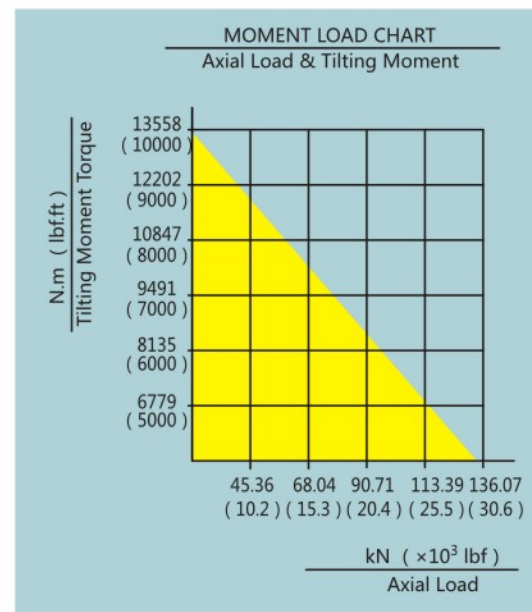
"A" VIEW AS INPUT IS AVAILABLE

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SE7A/PE7A | Slewing Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
SE7A	1500 N.m	13500 N.m	10400 N.m	133 kN	53 kN	32 kN	28 kN	73 : 1	≤ 0.2°	25kg
	1107 lbf.ft	9957 lbf.ft	7671 lbf.ft	29900 lbf	11915 lbf	7194 lbf	6295 lbf			
PE7A	1500 N.m	13500 N.m	10400 N.m	133 kN	53 kN	32 kN	28 kN	73 : 1	I : ≤ 0.05° II : ≤ 0.07° III : ≤ 0.11°	25kg
	1107 lbf.ft	9957 lbf.ft	7671 lbf.ft	29900 lbf	11915 lbf	7194 lbf	6295 lbf			



NOTICE

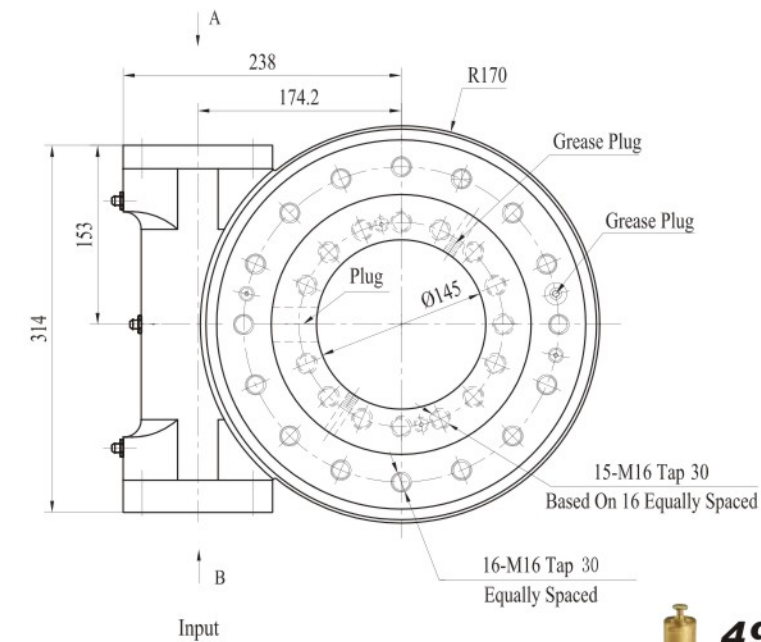
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SE9A/PE9A/ZE9A | SLEWING DRIVE

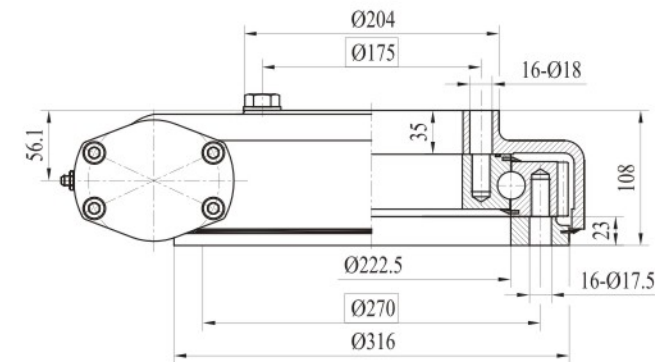
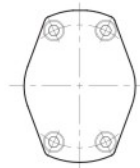
UNITS: mm
1 inch = 25.4 mm



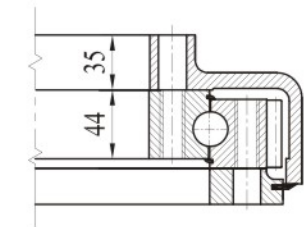
VIEW A OPTION

END CAP

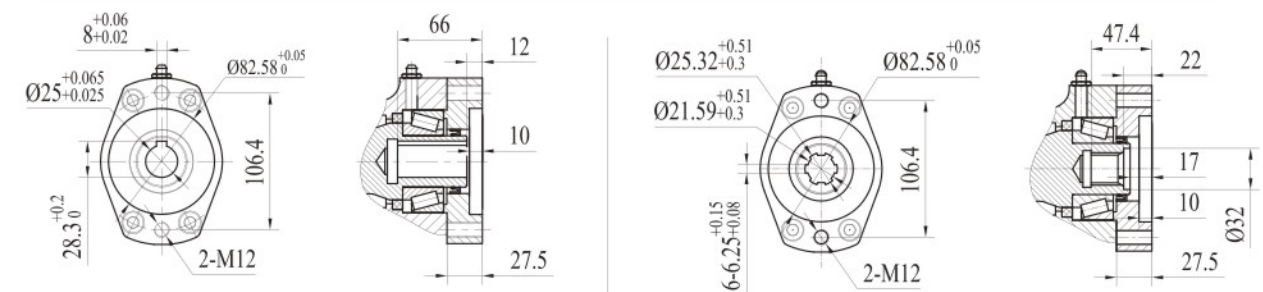
WITH HEX



THRU HOLE OPTION



VIEW B OPTION



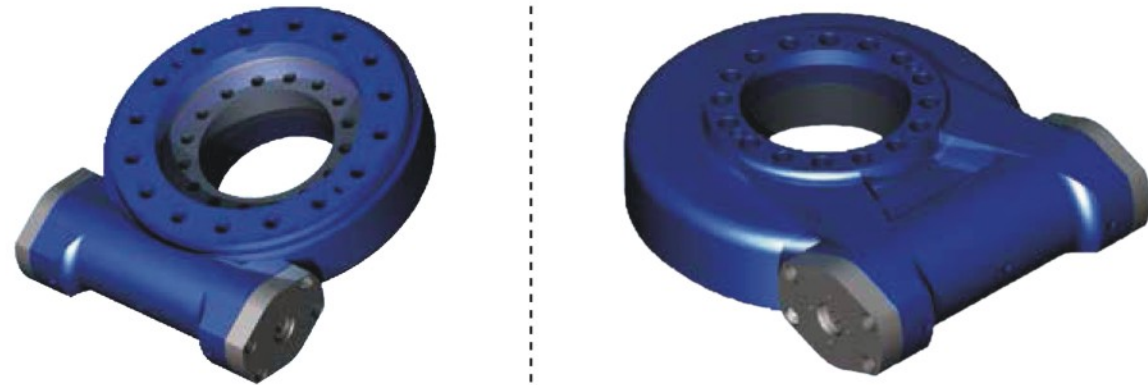
Ø12 Ø14 Ø16 Ø20 **Ø25**

■ NORMAL

6B SPLINE

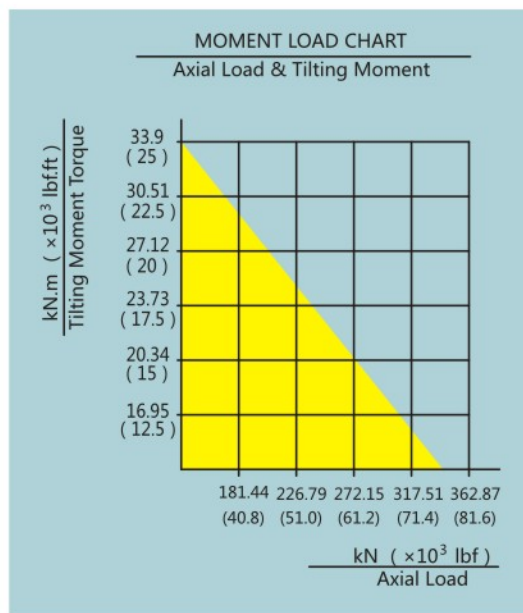
"A" VIEW AS INPUT IS AVAILABLE

CUSTOMIZED UPON REQUESTS



SE9A/PE9A/ZE9A | Slewing Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
SE9A	6.5 kN.m	33.9 kN.m	38.7 kN.m	338 kN	135 kN	81 kN	71 kN	61 : 1	≤ 0.17°	49kg
	4794 lbf.ft	25 × 10 ³ lbf.ft	29 × 10 ³ lbf.ft	76 × 10 ³ lbf	30 × 10 ³ lbf	18 × 10 ³ lbf	16 × 10 ³ lbf			
PE9A	6.5 kN.m	33.9 kN.m	38.7 kN.m	338 kN.m	135 kN	81 kN	71 kN	61 : 1	I : ≤ 0.05° II : ≤ 0.07° III : ≤ 0.09°	49kg
	4794 lbf.ft	25 × 10 ³ lbf.ft	29 × 10 ³ lbf.ft	76 × 10 ³ lbf	30 × 10 ³ lbf	18 × 10 ³ lbf	16 × 10 ³ lbf			
ZE9A	3.9 kN.m	33.9 kN.m	38.7 kN.m	338 kN.m	135 kN	81 kN	71 kN	61 : 1	0°	49kg
	2876 lbf.ft	25 × 10 ³ lbf.ft	29 × 10 ³ lbf.ft	76 × 10 ³ lbf	30 × 10 ³ lbf	18 × 10 ³ lbf	16 × 10 ³ lbf			



NOTICE

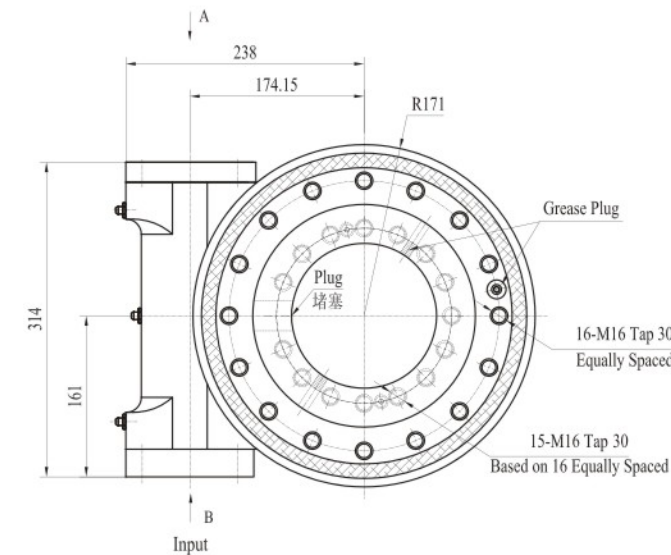
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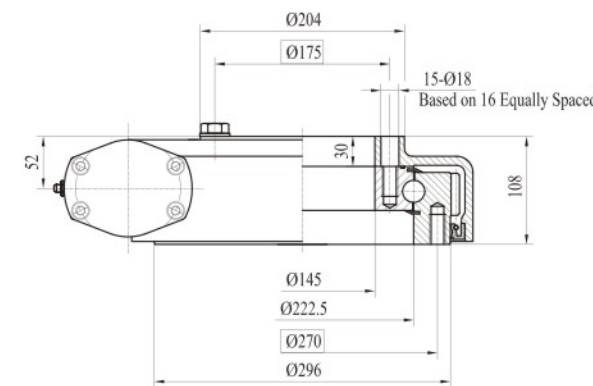
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SEA9/PEA9/ZE9A | SLEWING DRIVE

UNITS: mm
1 inch = 25.4 mm



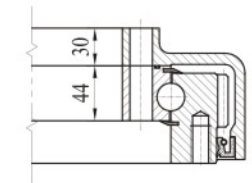
48kg



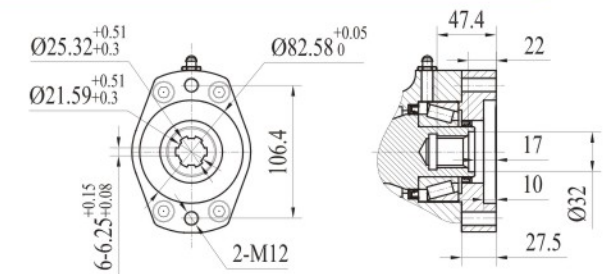
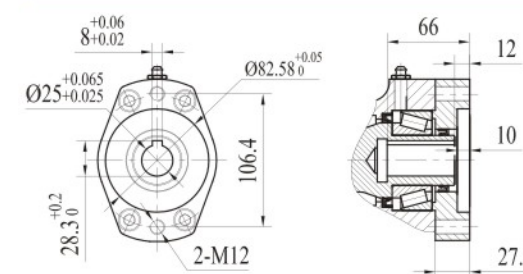
VIEW A OPTION



THRU HOLE OPTION



VIEW B OPTION



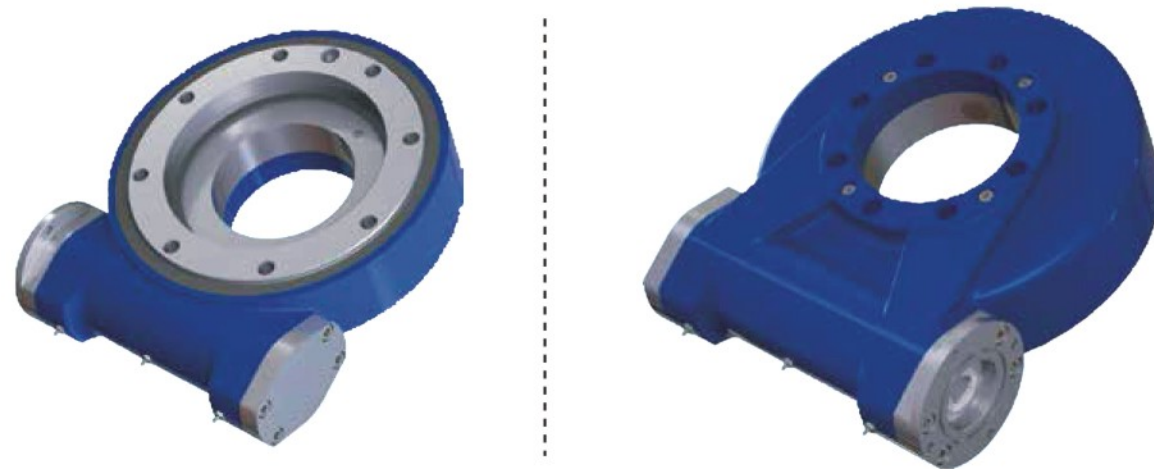
Ø12 Ø14 Ø16 Ø20 Ø25

NORMAL

6B SPLINE

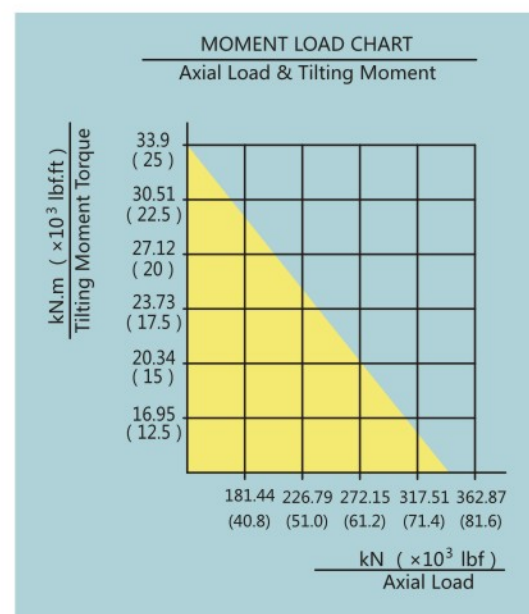
"A" VIEW AS INPUT IS AVAILABLE

CUSTOMIZED UPON REQUESTS



SEA9/PEA9/ZEA9 | Slewing Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
SEA9	6.5 kN.m	33.9 kN.m	38.7 kN.m	338 kN	135 kN	81 kN	71 kN	61 : 1	≤ 0.17°	48kg
	4794 lbf.ft	25 × 10 ³ lbf.ft	29 × 10 ³ lbf.ft	76 × 10 ³ lbf	30 × 10 ³ lbf	18 × 10 ³ lbf	16 × 10 ³ lbf			
PEA9	6.5 kN.m	33.9 kN.m	38.7 kN.m	338 kN.m	135 kN	81 kN	71 kN	61 : 1	I : ≤ 0.05° II : ≤ 0.07° III : ≤ 0.09°	48kg
	4794 lbf.ft	25 × 10 ³ lbf.ft	29 × 10 ³ lbf.ft	76 × 10 ³ lbf	30 × 10 ³ lbf	18 × 10 ³ lbf	16 × 10 ³ lbf			
ZEA9	3.9 kN.m	33.9 kN.m	38.7 kN.m	338 kN.m	135 kN	81 kN	71 kN	61 : 1	0°	48kg
	2876 lbf.ft	25 × 10 ³ lbf.ft	29 × 10 ³ lbf.ft	76 × 10 ³ lbf	30 × 10 ³ lbf	18 × 10 ³ lbf	16 × 10 ³ lbf			



NOTICE

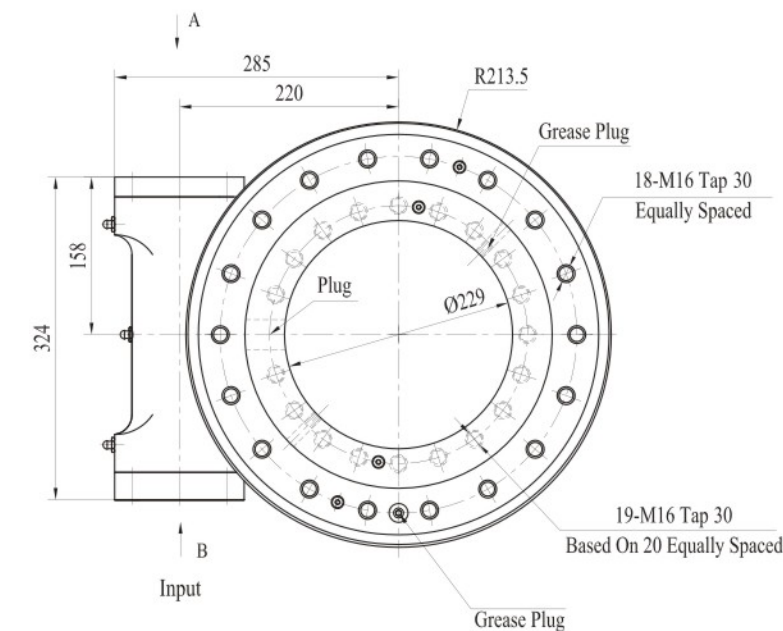
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SE12A/PE12A/ZE12A | SLEWING DRIVE

UNITS: mm
1 inch = 25.4 mm



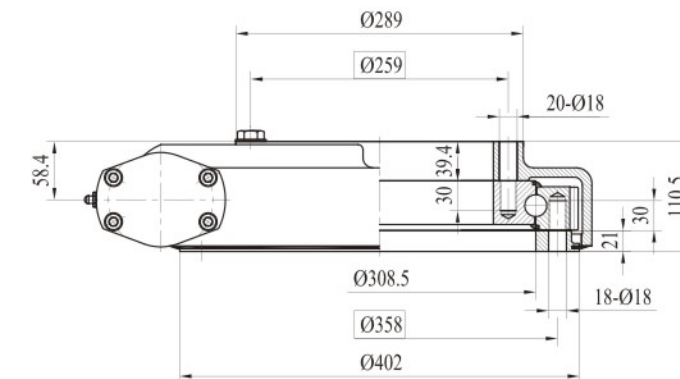
VIEW A OPTION

END CAP

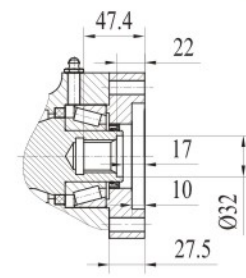
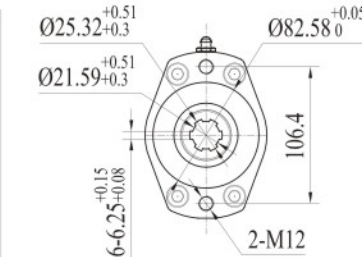
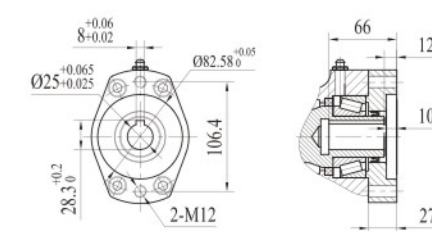
WITH HEX

61kg

THRU HOLE OPTION



VIEW B OPTION



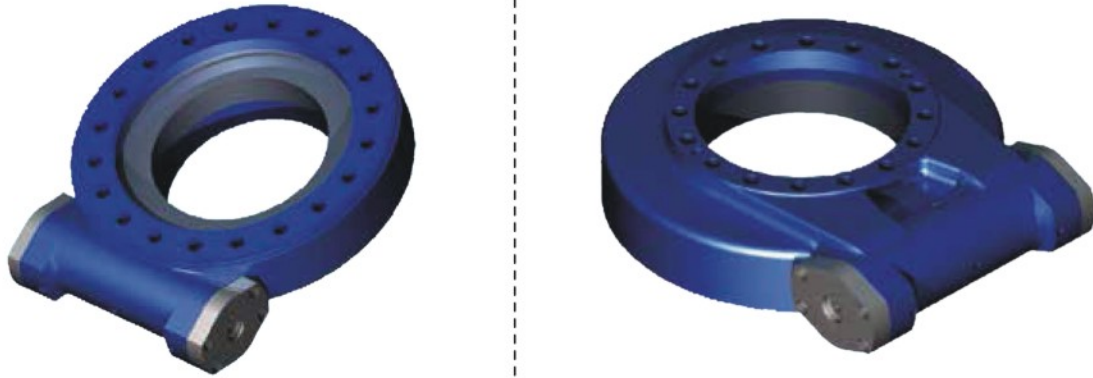
Ø12 Ø14 Ø16 Ø20 **Ø25**

■ NORMAL

6B SPLINE

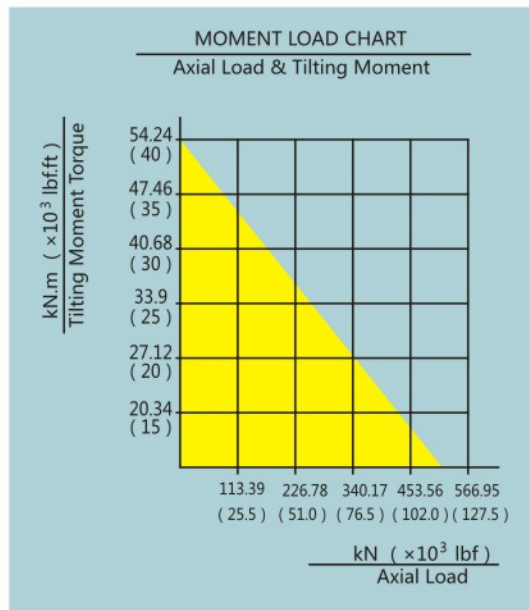
"A" VIEW AS INPUT IS AVAILABLE

CUSTOMIZED UPON REQUESTS



SE12A/PE12A/ZE12A | Slewing Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
SE12A	7.5 kN.m	54.3 kN.m	43 kN.m	475 kN	190 kN	114 kN	100 kN	78 : 1	≤ 0.17°	61kg
	5532 lbf.ft	40 × 10 ³ lbf.ft	32 × 10 ³ lbf.ft	107 × 10 ³ lbf	43 × 10 ³ lbf	26 × 10 ³ lbf	23 × 10 ³ lbf			
PE12A	7.5 kN.m	54.3 kN.m	43 kN.m	475 kN	190 kN	114 kN	100 kN	78 : 1	I : ≤ 0.03° II : ≤ 0.05° III : ≤ 0.07°	61kg
	5532 lbf.ft	40 × 10 ³ lbf.ft	32 × 10 ³ lbf.ft	107 × 10 ³ lbf	43 × 10 ³ lbf	26 × 10 ³ lbf	23 × 10 ³ lbf			
ZE12A	4.5 kN.m	54.3 kN.m	43 kN.m	475 kN	190 kN	114 kN	100 kN	78 : 1	0°	61kg
	3319 lbf.ft	40 × 10 ³ lbf.ft	32 × 10 ³ lbf.ft	107 × 10 ³ lbf	43 × 10 ³ lbf	26 × 10 ³ lbf	23 × 10 ³ lbf			



NOTICE

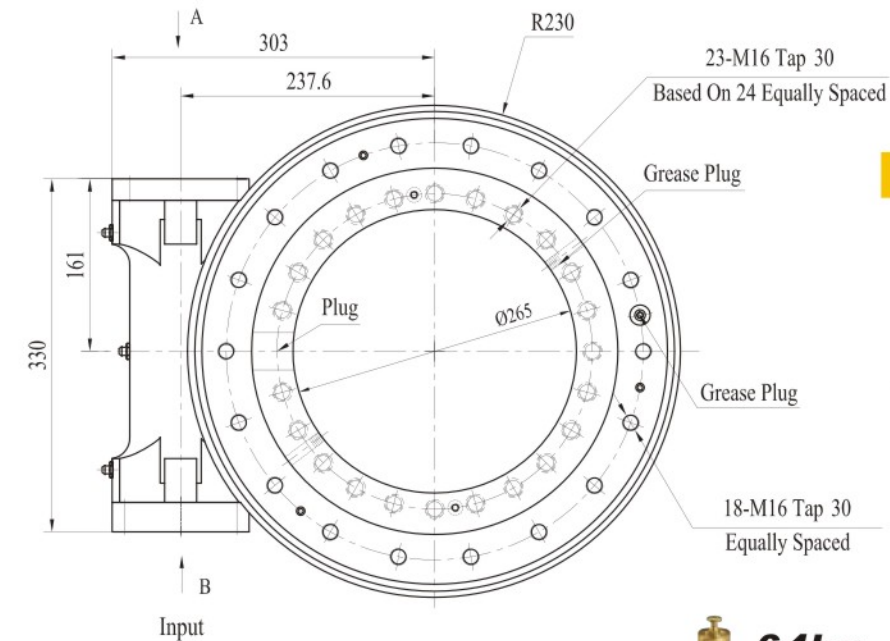
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SE14A/PE14A/ZE14A | SLEWING DRIVE

UNITS: mm
1 inch = 25.4 mm

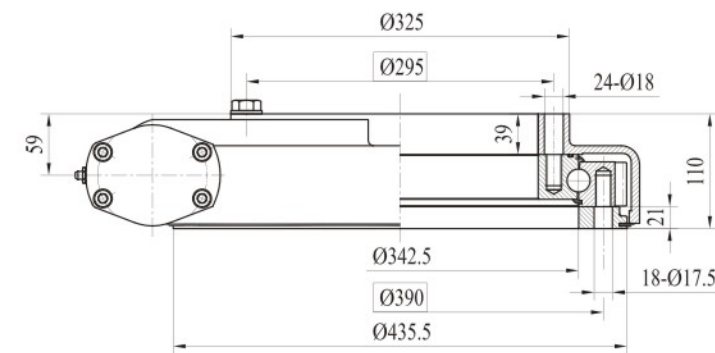
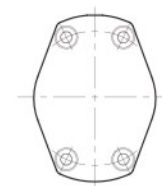


64kg

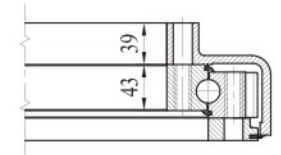
VIEW A OPTION

END CAP

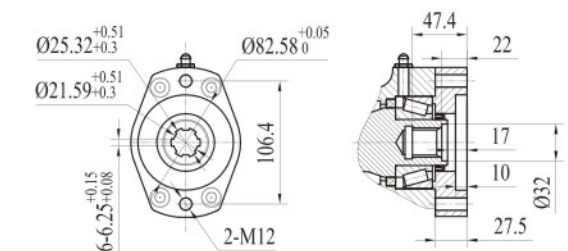
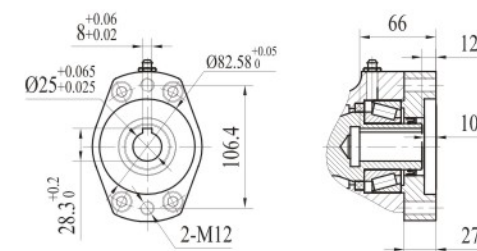
WITH HEX



THRU HOLE OPTION



VIEW B OPTION



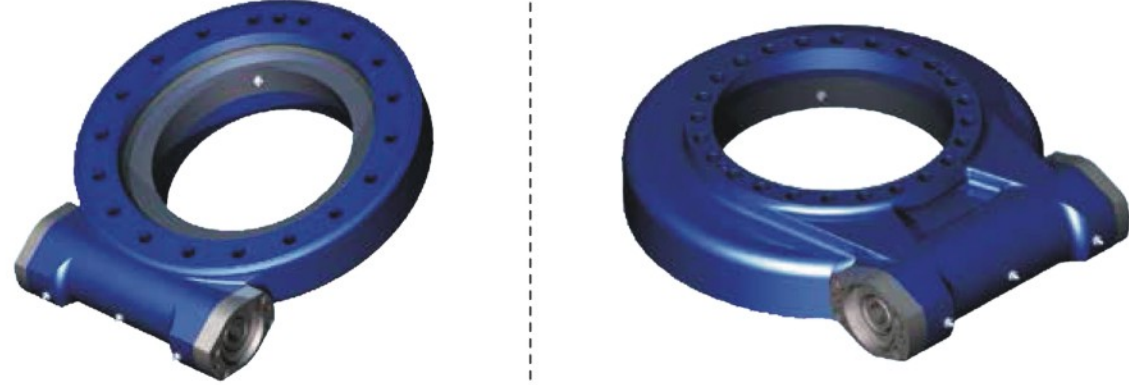
Ø12 Ø14 Ø16 Ø20 Ø25

■ NORMAL

6B SPLINE

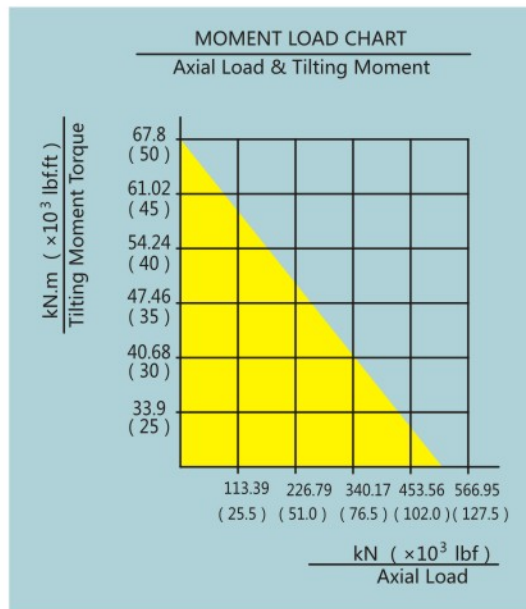
"A" VIEW AS INPUT IS AVAILABLE

CUSTOMIZED UPON REQUESTS



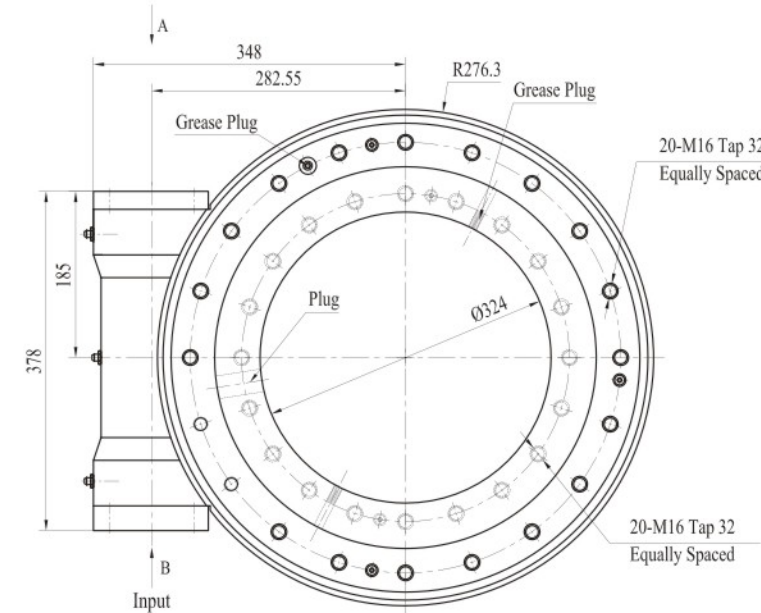
SE14A/PE14A/ZE14A | Slewing Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
SE14A	8 kN.m	67.8 kN.m	48 kN.m	555 kN	222 kN	133 kN	117 kN	85 : 1	≠ 0.17°	64kg
	5900 lbf.ft	50 × 10 ³ lbf.ft	35 × 10 ³ lbf.ft	125 × 10 ³ lbf	50 × 10 ³ lbf	30 × 10 ³ lbf	26 × 10 ³ lbf			
PE14A	8 kN.m	67.8 kN.m	48 kN.m	555 kN	222 kN	133 kN	117 kN	85 : 1	I : ≦ 0.03° II : ≦ 0.05° III : ≦ 0.07° IV : ≦ 0.09°	64kg
	5900 lbf.ft	50 × 10 ³ lbf.ft	35 × 10 ³ lbf.ft	125 × 10 ³ lbf	50 × 10 ³ lbf	30 × 10 ³ lbf	26 × 10 ³ lbf			
ZE14A	4.8 kN.m	67.8 kN.m	48 kN.m	555 kN	222 kN	133 kN	117 kN	85 : 1	0°	64kg
	3500 lbf.ft	50 × 10 ³ lbf.ft	35 × 10 ³ lbf.ft	125 × 10 ³ lbf	50 × 10 ³ lbf	30 × 10 ³ lbf	26 × 10 ³ lbf			

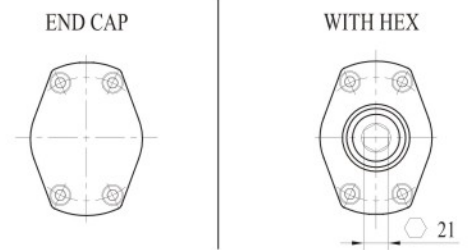


SE17A/PE17A | SLEWING DRIVE

UNITS: mm
1 inch = 25.4 mm

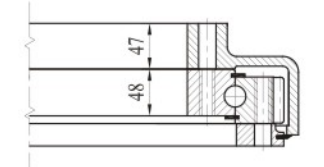


VIEW A OPTION

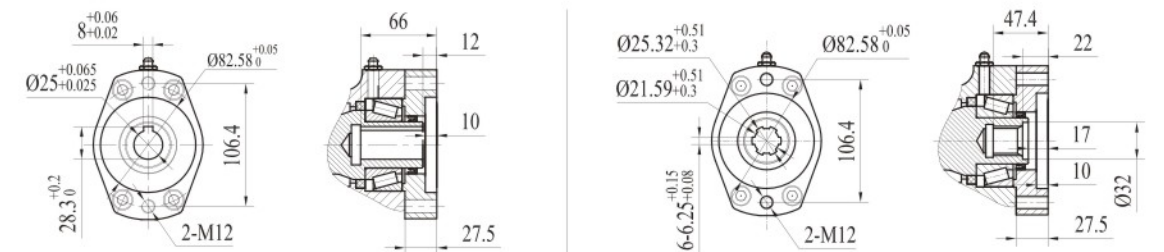


105kg

THRU HOLE OPTION



VIEW B OPTION



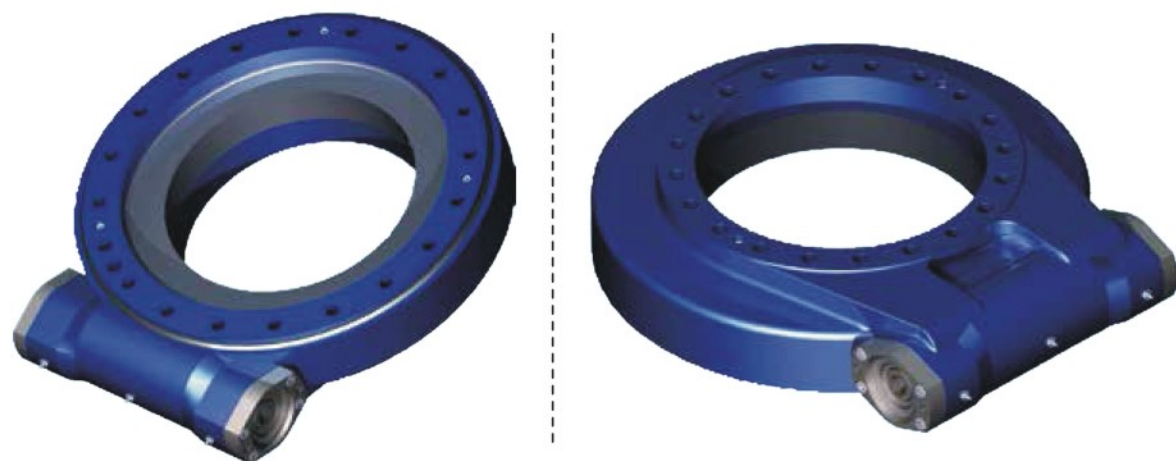
Ø12 Ø14 Ø16 Ø20 Ø25

■ NORMAL

68 SPLINE

"A" VIEW AS INPUT IS AVAILABLE

CUSTOMIZED UPON REQUESTS



SE17A/PE17A | Slewing Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
SE17A	10 kN.m	135.6 kN.m	72.3 kN.m	970 kN	390 kN	235 kN	205 kN	102 : 1	≦ 0.15°	105kg
	7400 lbf.ft	100 × 10 ³ lbf.ft	53 × 10 ³ lbf.ft	218 × 10 ³ lbf	88 × 10 ³ lbf	53 × 10 ³ lbf	46 × 10 ³ lbf			
PE17A	10 kN.m	135.6 kN.m	72.3 kN.m	970 kN	390 kN	235 kN	205 kN	102 : 1	I : ≦ 0.03° II : ≦ 0.05° III : ≦ 0.07° IV : ≦ 0.09°	105kg
	7400 lbf.ft	100 × 10 ³ lbf.ft	53 × 10 ³ lbf.ft	218 × 10 ³ lbf	88 × 10 ³ lbf	53 × 10 ³ lbf	46 × 10 ³ lbf			



NOTICE

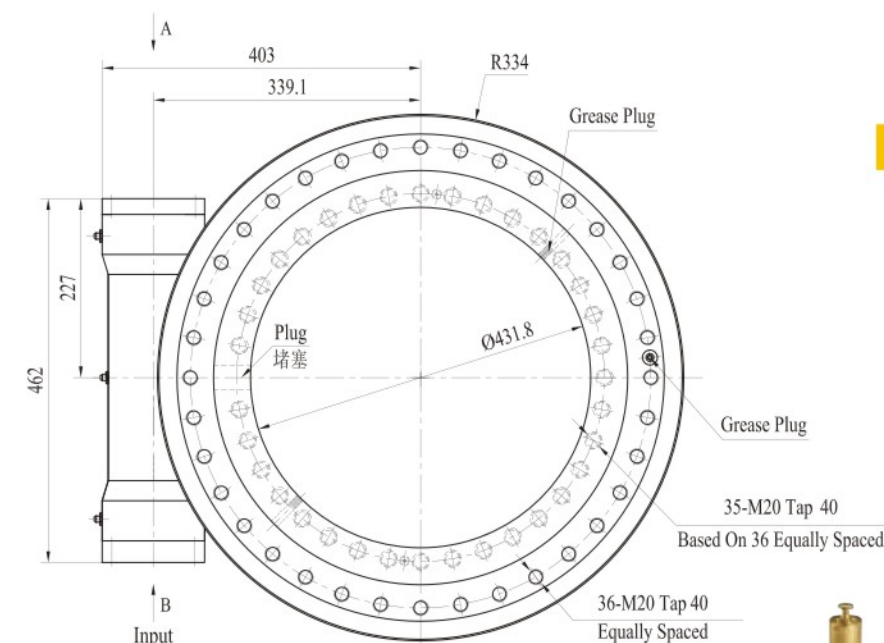
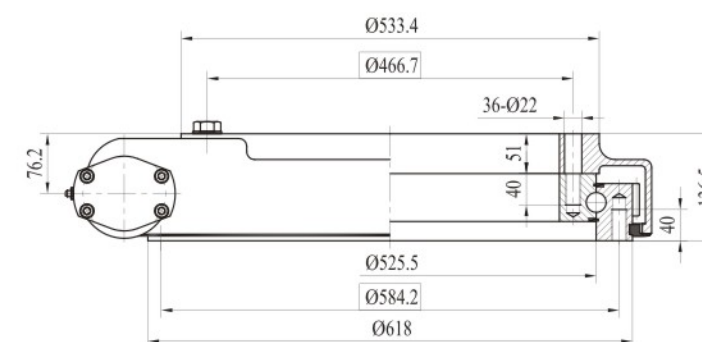
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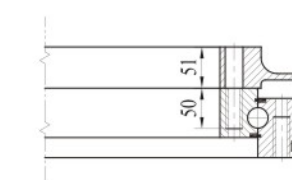
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SE21/PE21 | SLEWING DRIVE

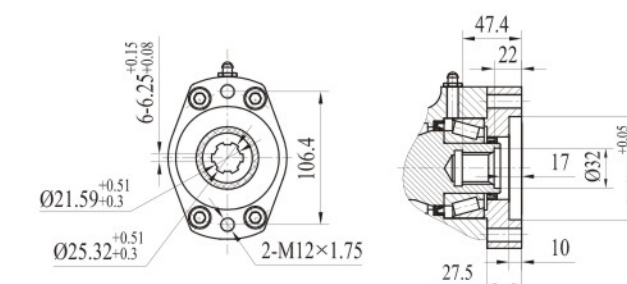
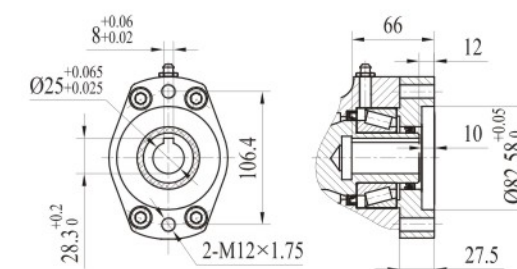
UNITS: mm
1 inch = 25.4 mm

[VIEW A OPTION](#)
149kg

THRU HOLE OPTION



VIEW B OPTION



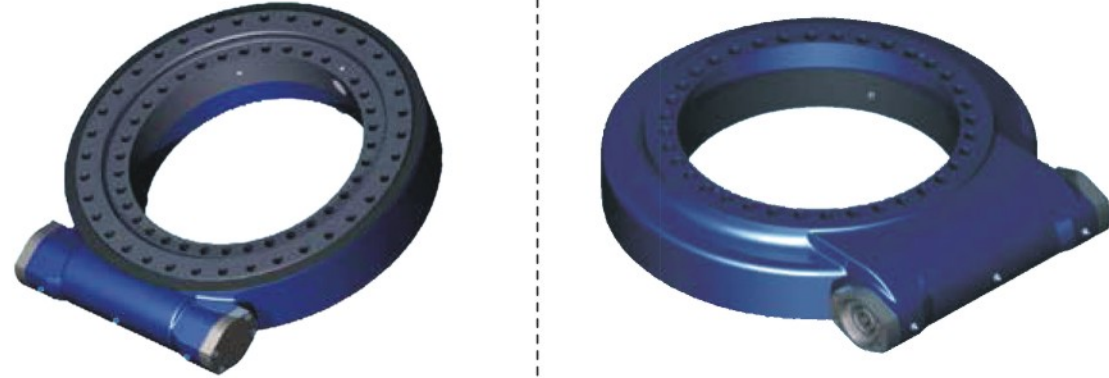
Ø12 Ø14 Ø16 Ø20 **Ø25**

■ NORMAL

6B SPLINE

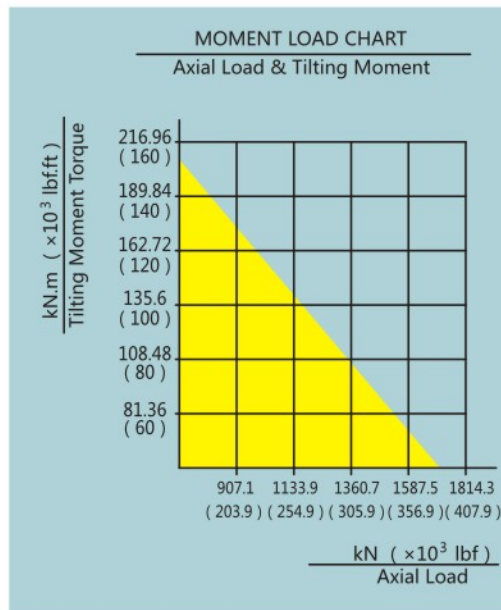
"A" VIEW AS INPUT IS AVAILABLE

CUSTOMIZED UPON REQUESTS



SE21/PE21 | Slewing Drive Performance Parameters

Data	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
SE21	15 kN.m 11000 lbf.ft	203 kN.m 150 × 10 ³ lbf.ft	105.8 kN.m 78 × 10 ³ lbf.ft	1598 kN 359 × 10 ³ lbf	640 kN 144 × 10 ³ lbf	385 kN 87 × 10 ³ lbf	335 kN 75 × 10 ³ lbf	125 : 1	≤ 0.15°	149kg
PE21	15 kN.m 11000 lbf.ft	203 kN.m 150 × 10 ³ lbf.ft	105.8 kN.m 78 × 10 ³ lbf.ft	1598 kN 359 × 10 ³ lbf	640 kN 144 × 10 ³ lbf	385 kN 87 × 10 ³ lbf	335 kN 75 × 10 ³ lbf	125 : 1	I : ≤ 0.03° II : ≤ 0.05° III : ≤ 0.07° IV : ≤ 0.09°	149kg



NOTICE

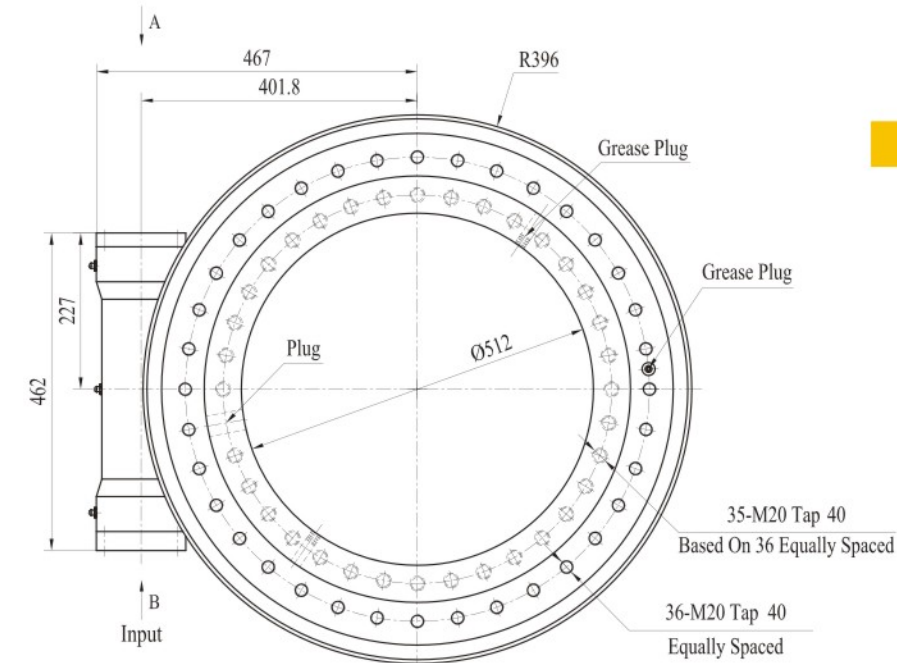
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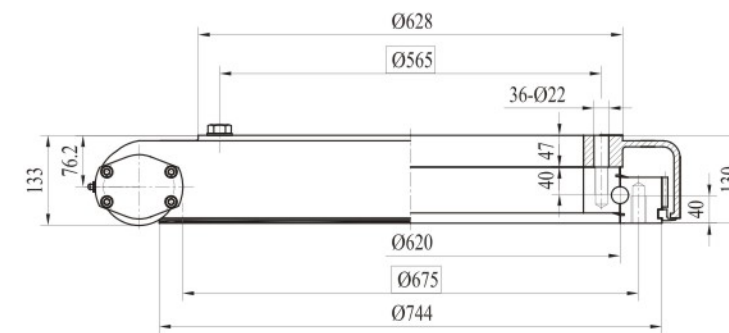
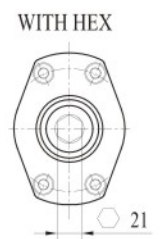
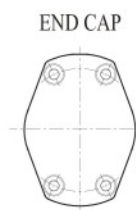
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SE25/PE25 | SLEWING DRIVE

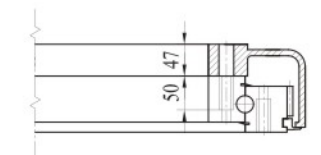
UNITS: mm
1 inch = 25.4 mm



VIEW A OPTION

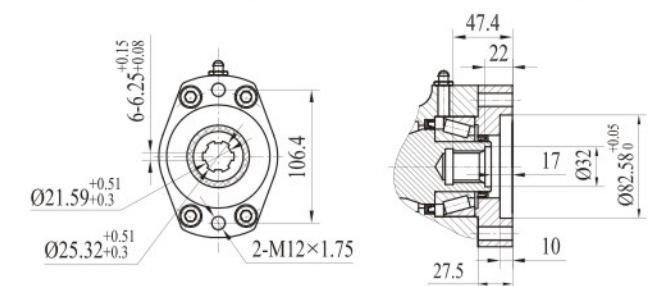
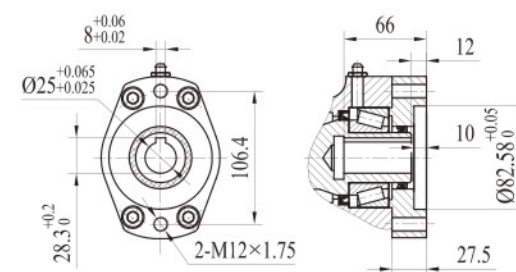


THRU HOLE OPTION



204kg

VIEW B OPTION



Ø12 Ø14 Ø16 Ø20 Ø25

■ NORMAL

6B SPLINE

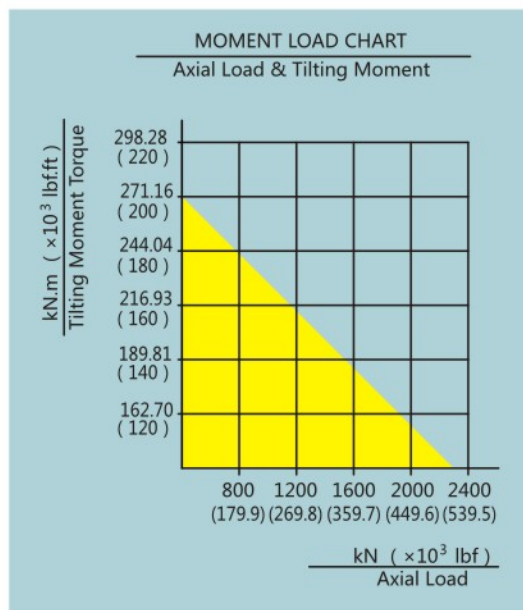
"A" VIEW AS INPUT IS AVAILABLE
输入端允许在"A"向视图

CUSTOMIZED UPON REQUESTS
可根据顾客的要求进行非标设计



SE25/PE25 | Slewing Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
SE25	18 kN.m	271 kN.m	158.3 kN.m	2360 kN	945 kN	590 kN	470 kN	150 : 1	≤ 0.15°	204kg
	13300 lbf.ft	200 × 10 ³ lbf.ft	117 × 10 ³ lbf.ft	531 × 10 ³ lbf	212 × 10 ³ lbf	133 × 10 ³ lbf	106 × 10 ³ lbf			
PE25	18 kN.m	271 kN.m	158.3 kN.m	2360 kN	945 kN	590 kN	470 kN	150 : 1	I : ≤ 0.03° II : ≤ 0.05° III : ≤ 0.07° IV : ≤ 0.09°	204kg
	13300 lbf.ft	200 × 10 ³ lbf.ft	117 × 10 ³ lbf.ft	531 × 10 ³ lbf	212 × 10 ³ lbf	133 × 10 ³ lbf	106 × 10 ³ lbf			



NOTICE

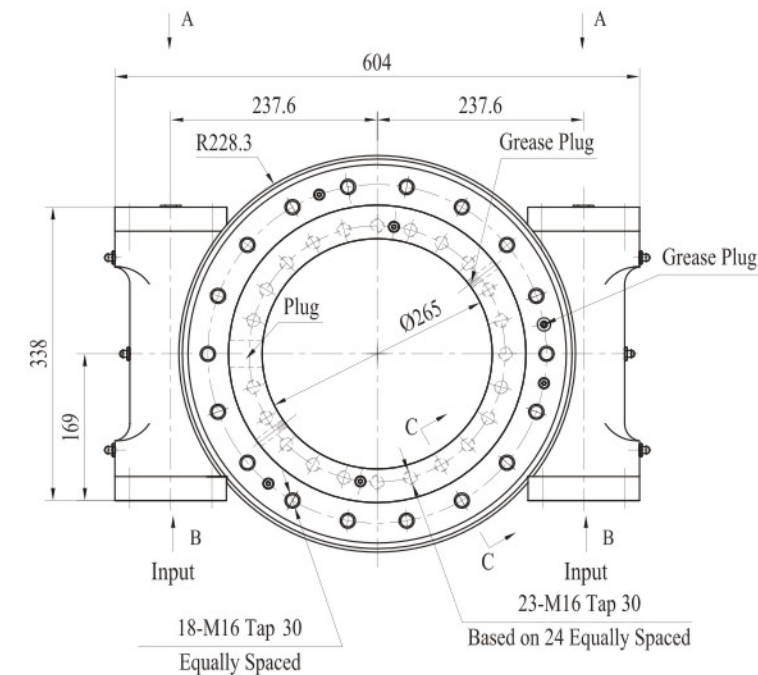
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SE14-2/S14-2 | SLEWING DRIVE

UNITS: mm
1 inch = 25.4 mm

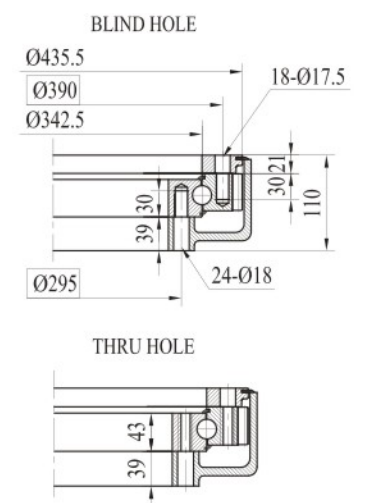


VIEW A OPTION

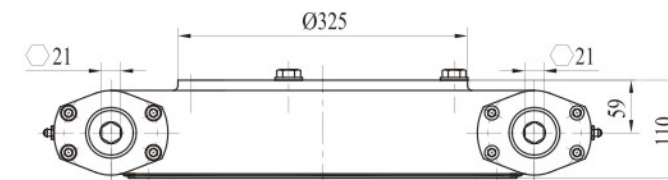
WITH HEX



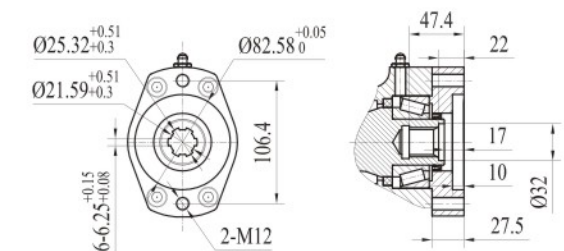
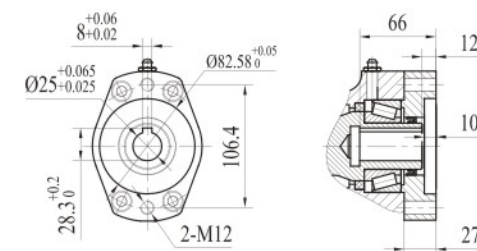
SECTION C



76kg



VIEW B OPTION



Ø12 Ø14 Ø16 Ø20 **Ø25**

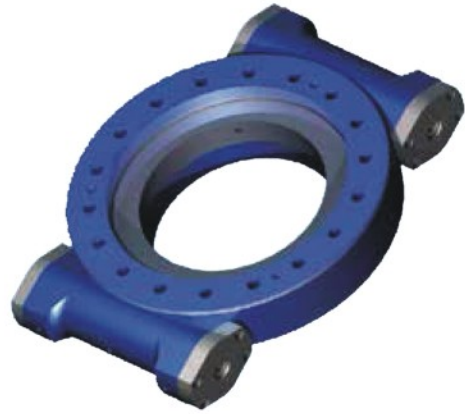
■ NORMAL

6B SPLINE

"A" VIEW AS INPUT IS AVAILABLE

CUSTOMIZED UPON REQUESTS

SE14-2

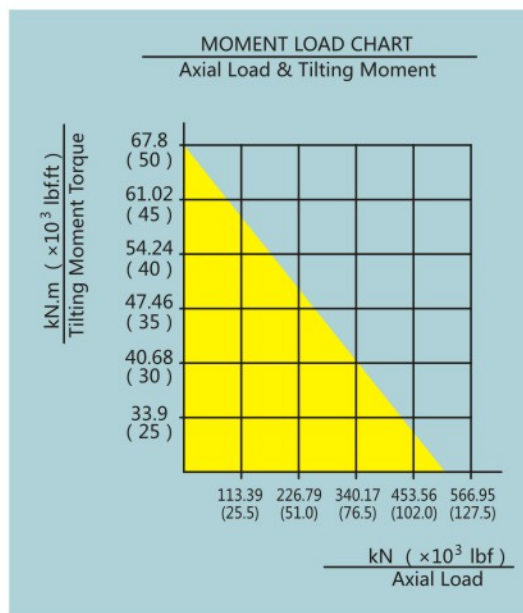


S14-2



SE14-2/S14-2 | Slewing Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
SE14-2	12 kN.m	67.8 kN.m	81.6 kN.m	555 kN	222 kN	133 kN	117 kN	85 : 1	≤ 0.17°	76kg
	8851 lbf.ft	50 × 10 ³ lbf.ft	59.5 × 10 ³ lbf.ft	125 × 10 ³ lbf	50 × 10 ³ lbf	30 × 10 ³ lbf	26 × 10 ³ lbf			
S14-2	12 kN.m	67.8 kN.m	81.6 kN.m	555 kN	222 kN	133 kN	117 kN	85 : 1	≤ 0.17°	62kg
	8851 lbf.ft	50 × 10 ³ lbf.ft	59.5 × 10 ³ lbf.ft	125 × 10 ³ lbf	50 × 10 ³ lbf	30 × 10 ³ lbf	26 × 10 ³ lbf			



NOTICE

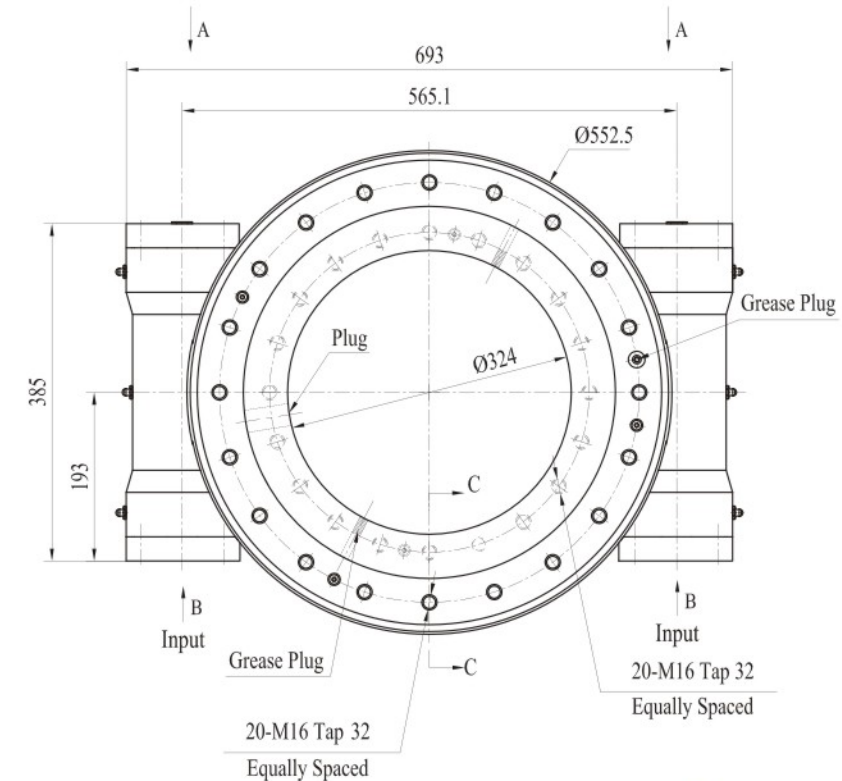
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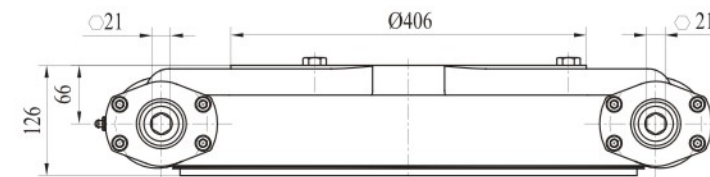
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SE17A-2/S17-2 | SLEWING DRIVE

UNITS: mm
1 inch = 25.4 mm

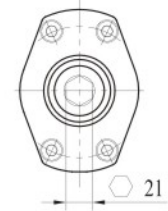


119kg



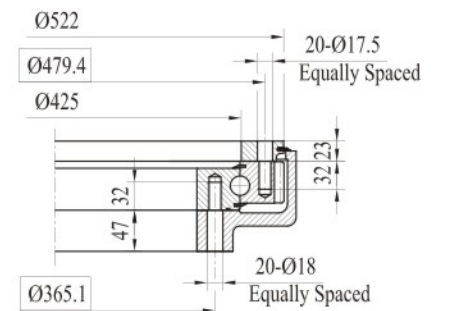
VIEW A OPTION

WITH HEX

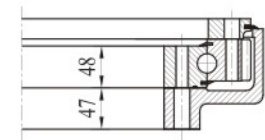


SECTION C

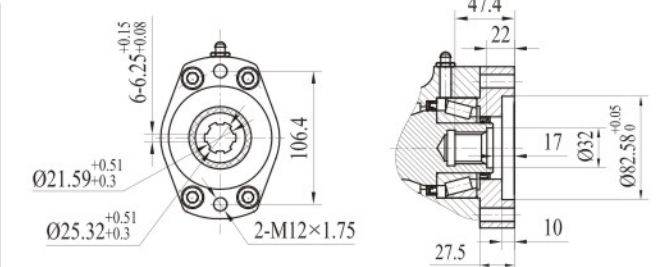
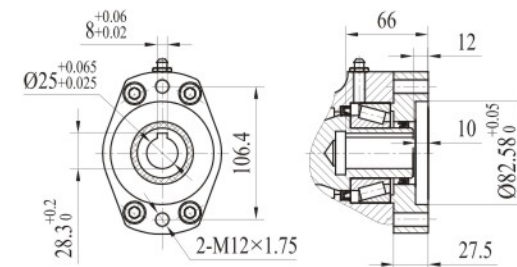
BLIND HOLE



THRU HOLE



VIEW B OPTION



Ø12 Ø14 Ø16 Ø20 **Ø25**

■ NORMAL

6B SPLINE

"A" VIEW AS INPUT IS AVAILABLE

CUSTOMIZED UPON REQUESTS

SE17A-2

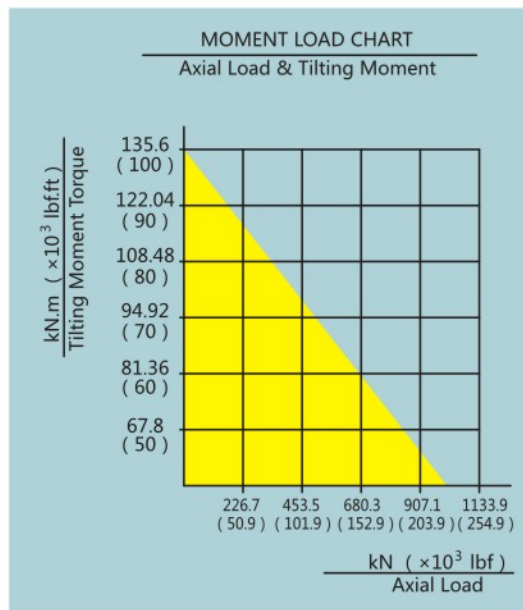


S17-2



SE17A-2/S17-2 | Slewing Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
SE17A-2	16.8 kN.m	135.6 kN.m	122.9 kN.m	970 kN	390 kN	235 kN	205 kN	102 : 1	≤ 0.15°	119kg
	12391 lbf.ft	100 × 10 ³ lbf.ft	90 × 10 ³ lbf.ft	218 × 10 ³ lbf	88 × 10 ³ lbf	53 × 10 ³ lbf	46 × 10 ³ lbf			
S17-2	16.8 kN.m	135.6 kN.m	122.9 kN.m	970 kN	390 kN	235 kN	205 kN	102 : 1	≤ 0.15°	102kg
	12391 lbf.ft	100 × 10 ³ lbf.ft	90 × 10 ³ lbf.ft	218 × 10 ³ lbf	88 × 10 ³ lbf	53 × 10 ³ lbf	46 × 10 ³ lbf			



NOTICE

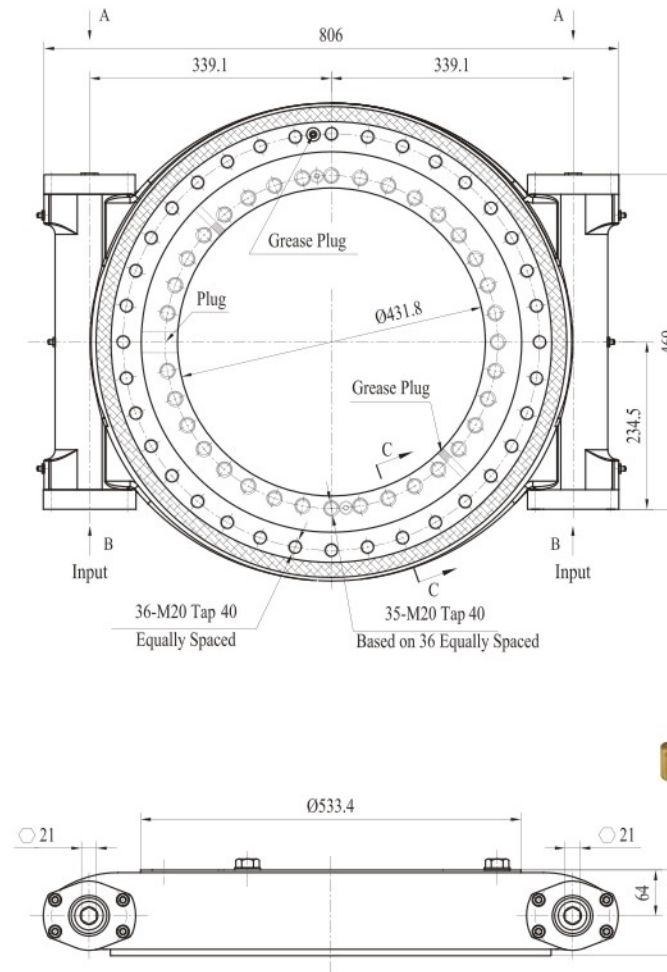
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SE21A-2/S21-2 | SLEWING DRIVE

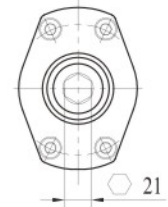
UNITS: mm
1 inch = 25.4 mm



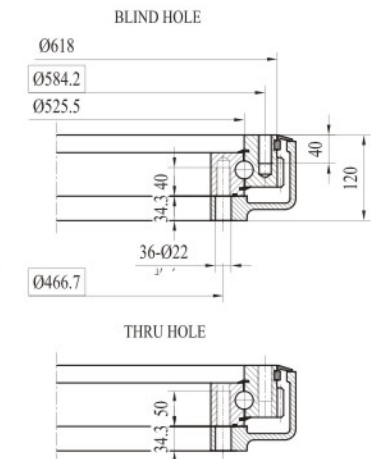
161kg

VIEW A OPTION

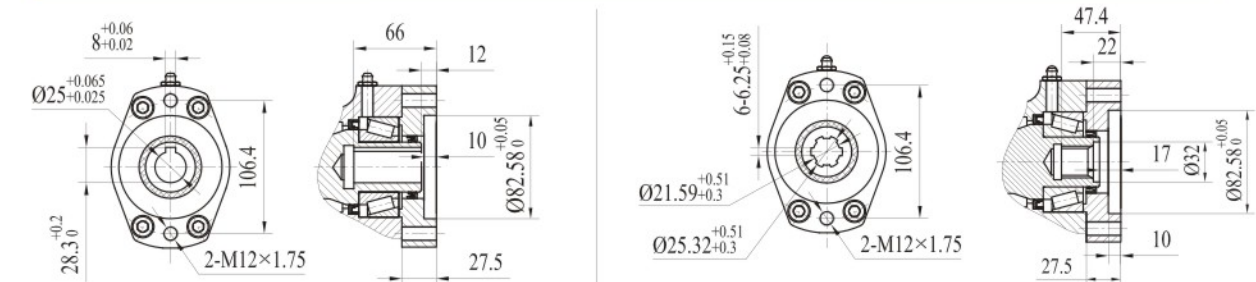
WITH HEX



SECTION C



VIEW B OPTION



Ø12 Ø14 Ø16 Ø20 Ø25

■ NORMAL

6B SPLINE

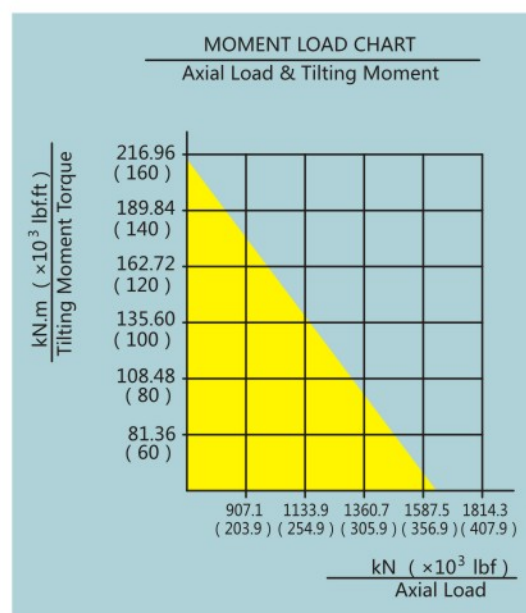
"A" VIEW AS INPUT IS AVAILABLE

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SE21A-2/S21-2 | Slewing Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
SE21A-2	20.6 kN.m	203 kN.m	179.9 kN.m	1598 kN	640 kN	385 kN	335 kN	125 : 1	≦ 0.15°	161kg
	15194 lbf.ft	150 × 10 ³ lbf.ft	132.6 × 10 ³ lbf.ft	359 × 10 ³ lbf	144 × 10 ³ lbf	87 × 10 ³ lbf	75 × 10 ³ lbf			
S21-2	20.6 kN.m	203 kN.m	179.9 kN.m	1598 kN	640 kN	385 kN	335 kN	125 : 1	≦ 0.15°	143kg
	15194 lbf.ft	150 × 10 ³ lbf.ft	132.6 × 10 ³ lbf.ft	359 × 10 ³ lbf	144 × 10 ³ lbf	87 × 10 ³ lbf	75 × 10 ³ lbf			

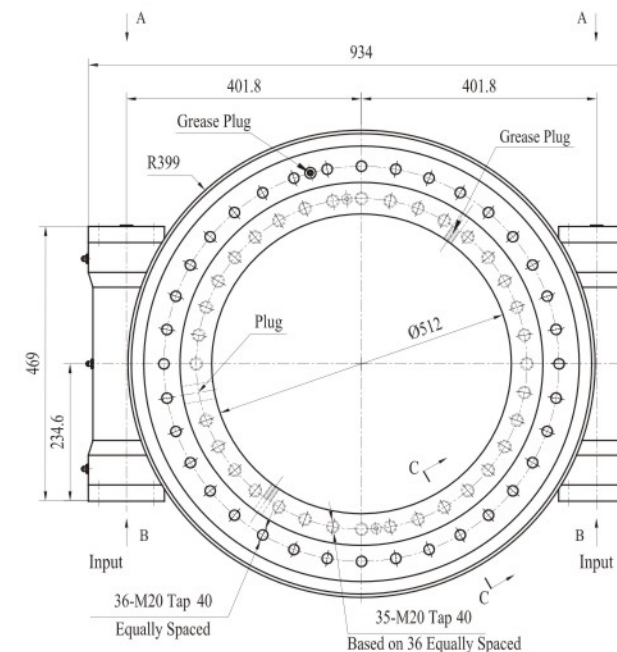
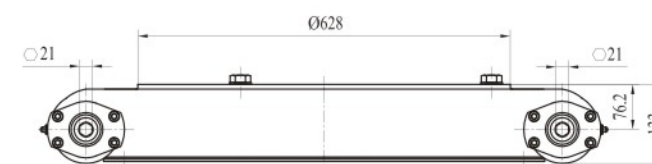


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SE25-2/S25-2 | SLEWING DRIVE

UNITS: mm
1 inch = 25.4 mm

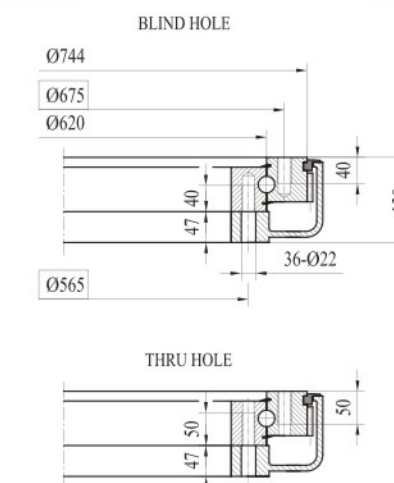
 **222kg**

VIEW A OPTION

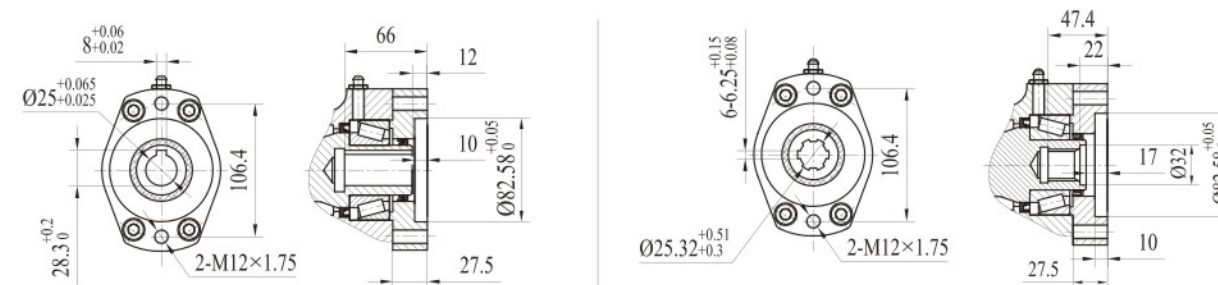
WITH HEX



SECTION C



VIEW B OPTION



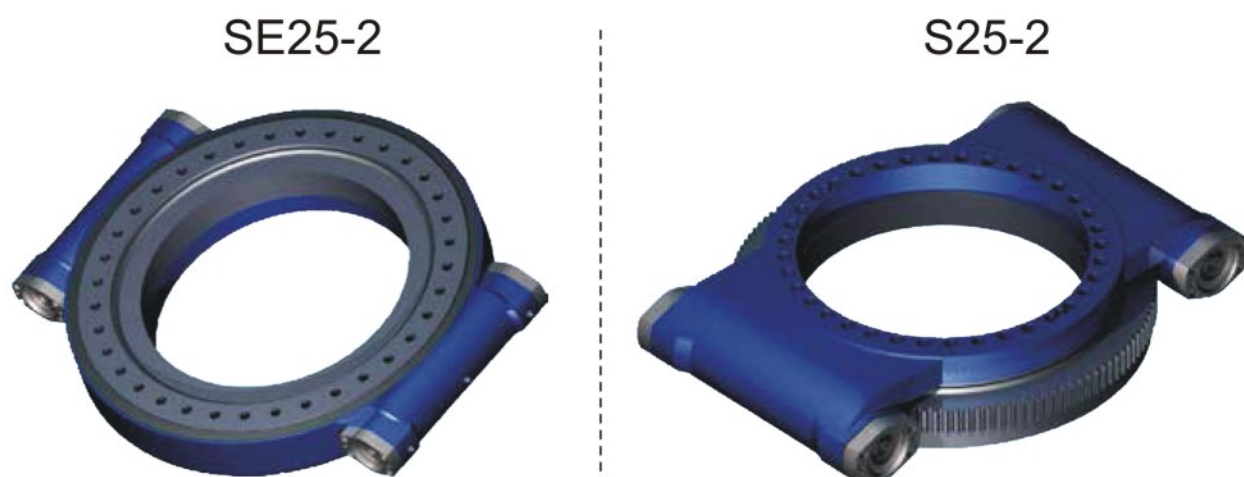
Ø12 Ø14 Ø16 Ø20 **Ø25**

■ NORMAL

6B SPLINE

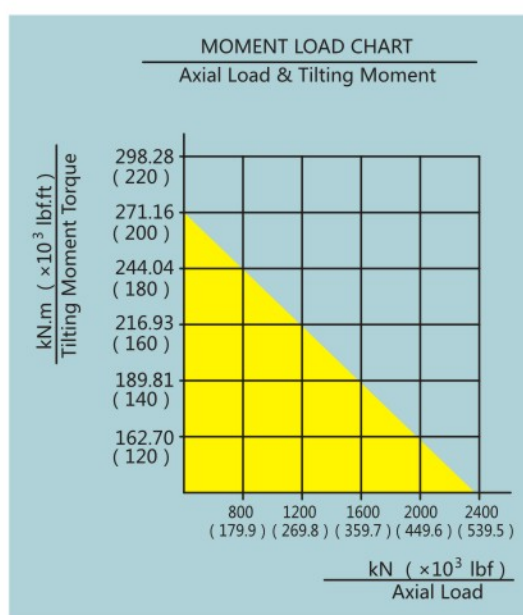
"A" VIEW AS INPUT IS AVAILABLE

CUSTOMIZED UPON REQUESTS



SE25-2/S25-2 | Slewing Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
SE25-2	28 kN.m	271 kN.m	269.1 kN.m	2360 kN	945 kN	590 kN	470 kN	150 : 1	≤ 0.15°	222kg
	20652 lbf.ft	200 × 10 ³ lbf.ft	198.9 × 10 ³ lbf.ft	531 × 10 ³ lbf	212 × 10 ³ lbf	133 × 10 ³ lbf	106 × 10 ³ lbf			
S25-2	28 kN.m	271 kN.m	269.1 kN.m	2360 kN	945 kN	590 kN	470 kN	150 : 1	≤ 0.15°	202kg
	20652 lbf.ft	200 × 10 ³ lbf.ft	198.9 × 10 ³ lbf.ft	531 × 10 ³ lbf	212 × 10 ³ lbf	133 × 10 ³ lbf	106 × 10 ³ lbf			

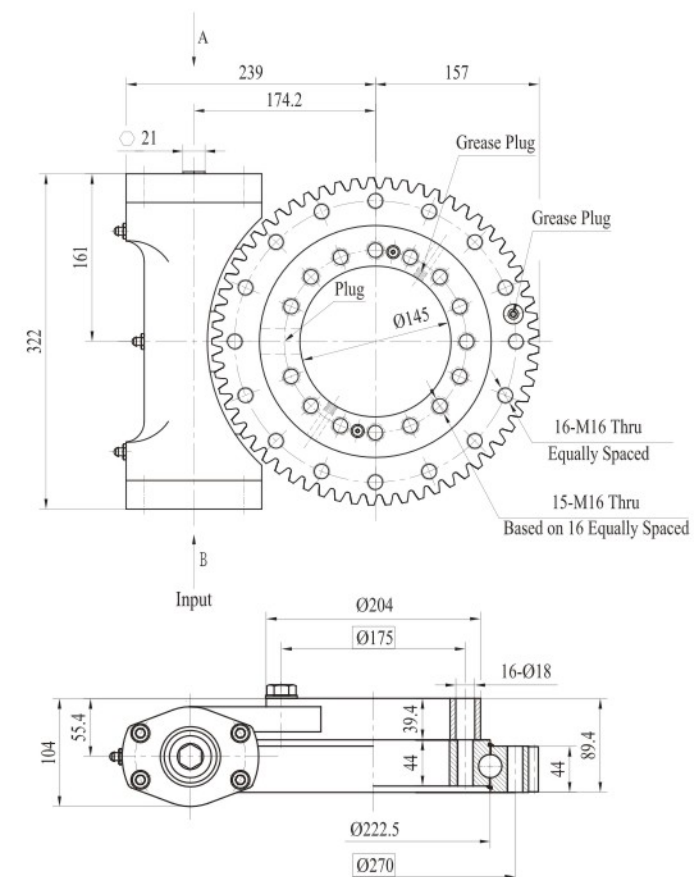


NOTICE

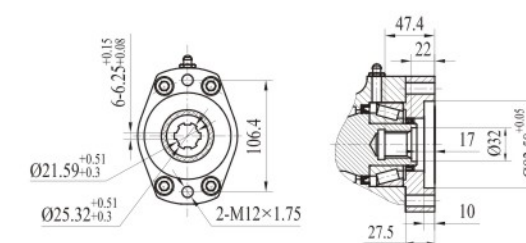
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S9 | SLEWING DRIVE

UNITS: mm 1 inch = 25.4 mm



VIEW B

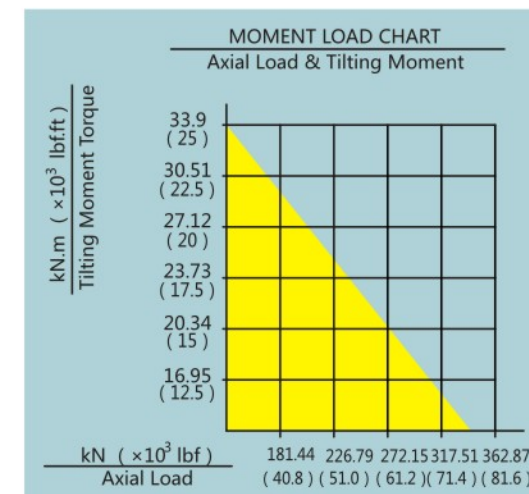


6B Ø12 Ø14 Ø16 Ø20 **Ø25**

■ NORMAL

S9 Slewing Drive Performance Parameters

Data Model	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
S9	6.5 kN.m	33.9 kN.m	38.7 kN.m	338 kN	135 kN	81 kN	71 kN	61 : 1	≤ 0.17°	37kg
	4794 lbf.ft	25 × 10 ³ lbf.ft	29 × 10 ³ lbf.ft	76 × 10 ³ lbf	30 × 10 ³ lbf	18 × 10 ³ lbf	16 × 10 ³ lbf			



NOTICE

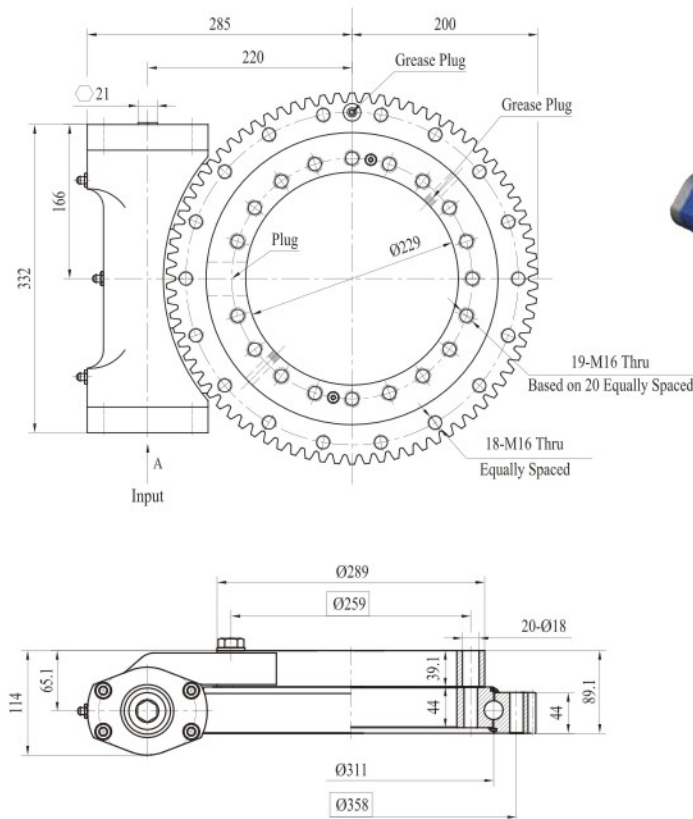
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"A" VIEW AS INPUT IS AVAILABLE

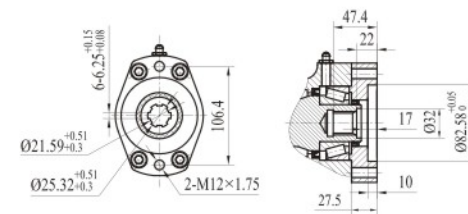
CUSTOMIZED UPON REQUESTS

S12 | SLEWING DRIVE

UNITS: mm 1 inch =25.4 mm



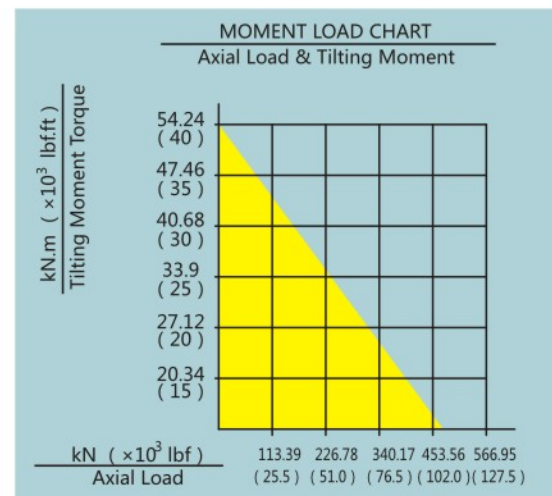
VIEW B



6B Ø12 Ø14 Ø16 Ø20 **Ø25**
■ NORMAL

S12 Slewing Drive Performance Parameters

Data	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
S12	7.5 kN.m 5532 lbf.ft	54.3 kN.m 40 × 10 ³ lbf.ft	43 kN.m 32 × 10 ³ lbf.ft	475 kN 107 × 10 ³ lbf	190 kN 43 × 10 ³ lbf	114 kN 26 × 10 ³ lbf	100 kN 23 × 10 ³ lbf	78 : 1	≤ 0.17°	41kg

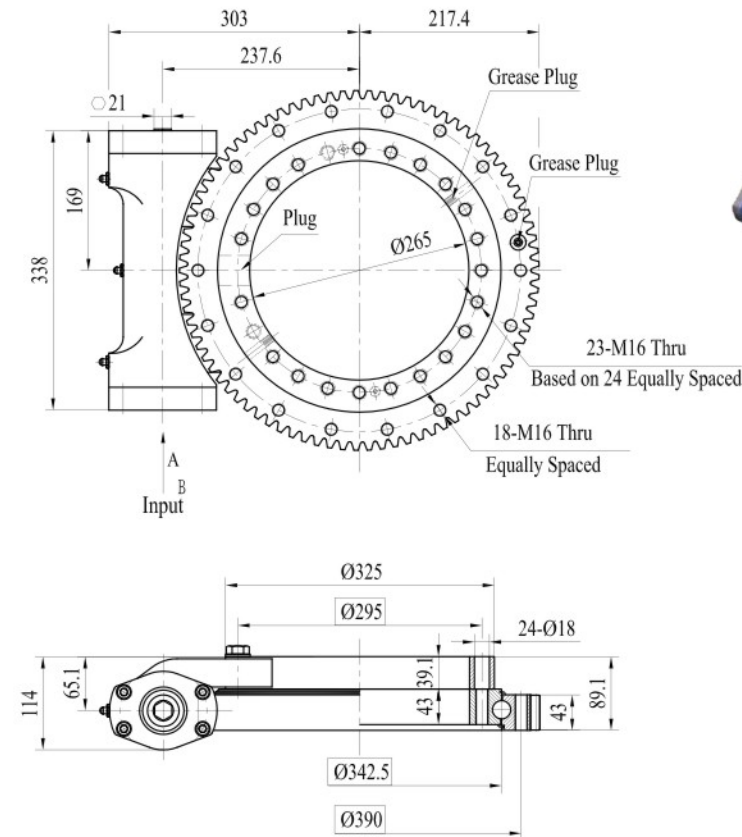


NOTICE

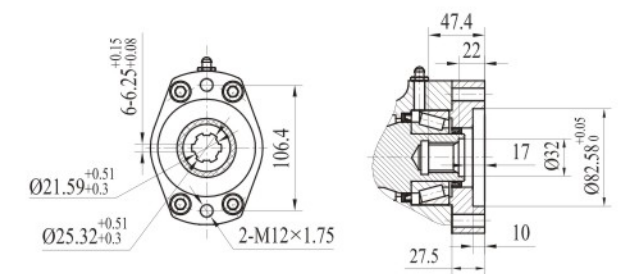
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S14 | SLEWING DRIVE

UNITS: mm 1 inch =25.4 mm



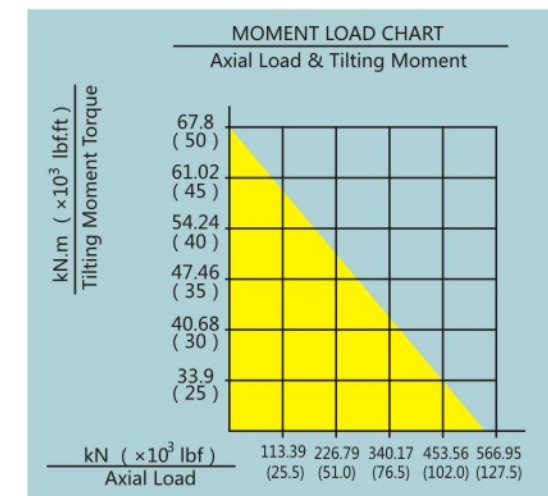
VIEW B



6B Ø12 Ø14 Ø16 Ø20 **Ø25**
■ NORMAL

S14 Slewing Drive Performance Parameters

Data	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
S14	8 kN.m 5900 lbf.ft	67.8 kN.m 50 × 10 ³ lbf.ft	48 kN.m 35 × 10 ³ lbf.ft	555 kN 125 × 10 ³ lbf	222 kN 50 × 10 ³ lbf	133 kN 30 × 10 ³ lbf	117 kN 26 × 10 ³ lbf	85 : 1	≤ 0.17°	47kg



NOTICE

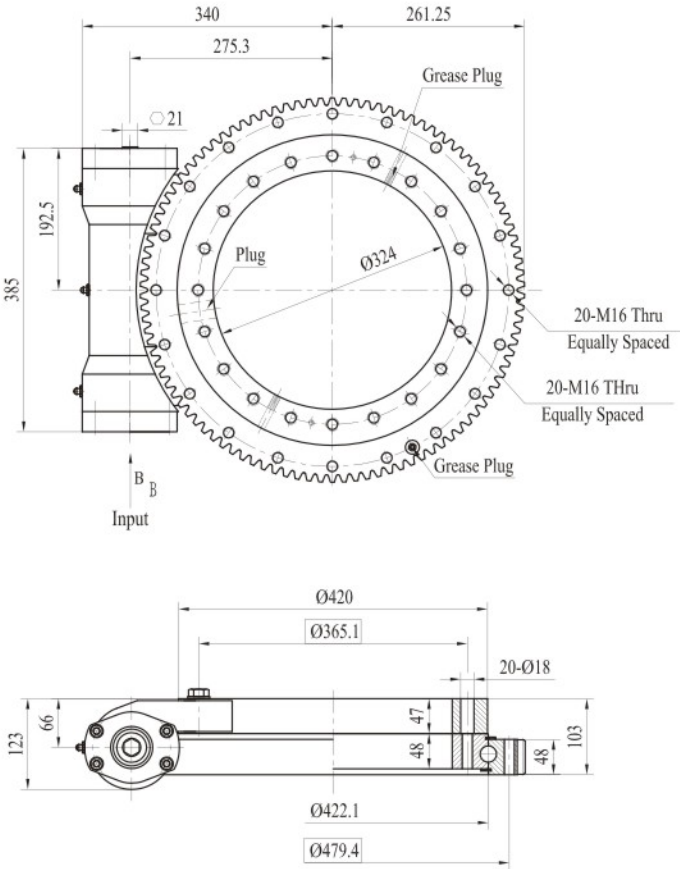
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"A" VIEW AS INPUT IS AVAILABLE

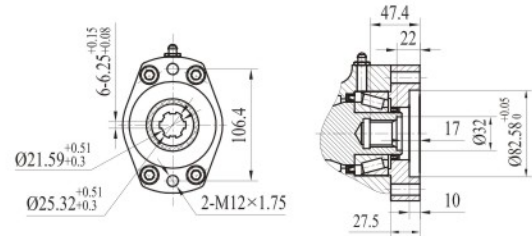
CUSTOMIZED UPON REQUESTS

S17 | SLEWING DRIVE

UNITS: mm 1 inch =25.4 mm



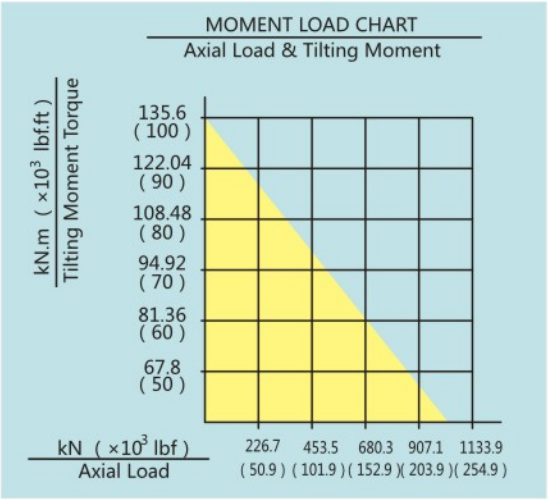
VIEW B



6B Ø12 Ø14 Ø16 Ø20 Ø25
NORMAL

S17 Slewing Drive Performance Parameters

Data	Output Torque	Tilting Moment Torque	Holding Torque	Static Axial Rating	Static Radial Rating	Dynamic Axial Rating	Dynamic Radial Rating	Gear Ratio	Tracking Precision	Weight
Model										
S17	10 kN.m 7400 lbf.ft	135.6 kN.m 100 × 10 ³ lbf.ft	72.3 kN.m 53 × 10 ³ lbf.ft	970 kN 218 × 10 ³ lbf	390 kN 88 × 10 ³ lbf	235 kN 53 × 10 ³ lbf	205 kN 46 × 10 ³ lbf	102 : 1	≤ 0.15°	87kg



NOTICE

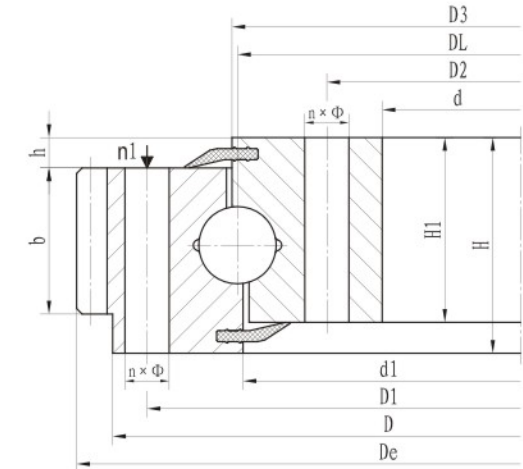
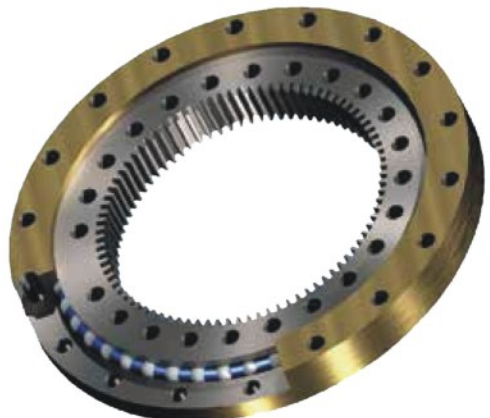
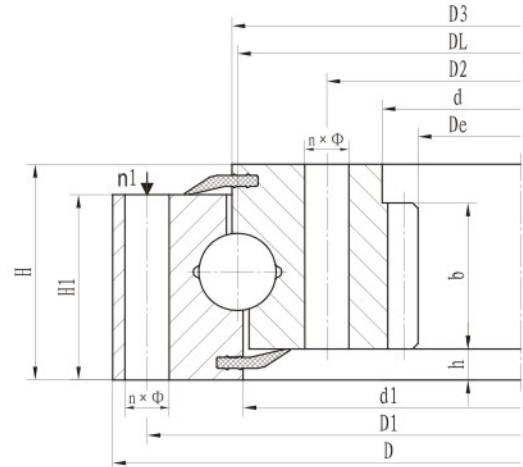
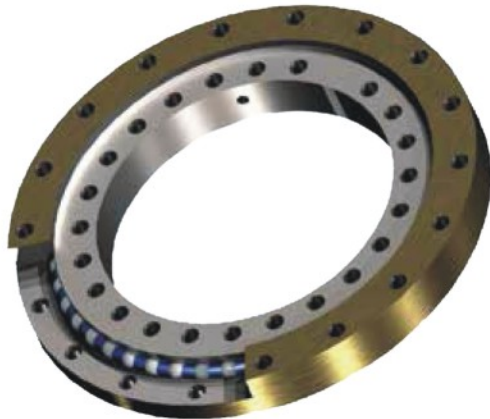
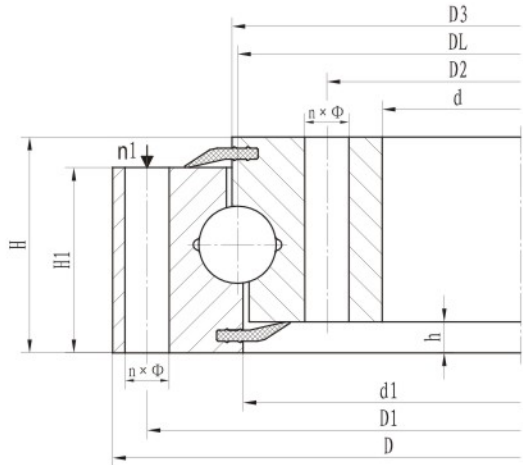
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JB-T2300-1999 | SLEWING RING

Single-row four point contact ball



Slewing bearing size and gear parameters

No.	Type /Date			External Dimensions			Installation Dimensions			Structure Dimensions			Gear Parameters								
	Without Teeth DL	Outer Teeth DL	Inner Teeth DL	D	d	H	D1	D2	n	Ø	Grease Nipple No.(n1)	D3	d1	H1	h	b	Deflection(x)	MOD(x)	D3	Teeth No.(z)	
1	010.25.315	011.25.315	013.25.315	408	222	70	372	258	20	18M16	2	316	314	60	10	50		5	435	85	
2	010.25.355	011.25.355	013.25.355	448	262		412	298	24			401	356						354	475	93
3	010.25.400	011.25.400	013.25.400	493	307		457	343					528						86		
4	010.25.450	011.25.450	013.25.450	543	357	507	393	18	4	501	498	70	10	60	0.5	5	629	123			
5	010.30.500	012.30.500	014.30.500	602	398	566	434			20	M16	501	498	70	10	60	0.5	6	628.8	102	
6	010.25.500	011.25.500	013.25.500	602	398	566	434			20	M16	501	499	70	10	60	0.5	5	629	123	
7	010.25.500	012.25.500	014.25.500	602	398	80	566	434	20	18	4	501	499	70	10	60	0.5	6	628.8	102	
8	010.30.560	011.30.560	013.30.560	662	458	80	626	494	20	18	4	561	558	70	10	60	0.5	5	689	135	
9	010.30.560	012.30.560	014.30.560	662	458	80	626	494	20	M16	561	559	70	10	60	0.5	6	688.8	112		
10	010.25.560	011.25.560	013.25.560	662	458	80	626	494	20	18	4	561	559	70	10	60	0.5	5	689	135	
11	010.30.630	011.30.630	013.30.630	732	528	80	696	564	24	18	4	631	628	70	10	60	0.5	6	722.8	126	
12	010.30.630	012.30.630	014.30.630	732	528	80	696	564	24	M16	631	629	70	10	60	0.5	8	774.4	94		
13	010.25.630	011.25.630	013.25.630	732	528	80	696	564	24	18	4	631	629	70	10	60	0.5	6	772.8	126	
14	010.25.630	012.25.630	014.25.630	732	528	80	696	564	24	M16	631	629	70	10	60	0.5	8	774.4	94		
15	010.30.710	011.30.710	013.30.710	812	608	80	776	644	24	18	4	711	708	70	10	60	0.5	6	850.8	139	
16	010.30.710	012.30.710	014.30.710	812	608	80	776	644	24	M16	711	708	70	10	60	0.5	8	854.4	104		
17	010.25.710	011.25.710	013.25.710	812	608	80	776	644	24	18	4	711	709	70	10	60	0.5	6	850.8	139	
18	010.25.710	012.25.710	014.25.710	812	608	80	776	644	24	M16	711	709	70	10	60	0.5	8	854.4	104		
19	010.40.800	011.40.800	013.40.800	922	678	100	878	722	30	22	6	801	798	90	10	80	0.5	8	966.4	118	
20	010.40.800	012.40.800	014.40.800	922	678	100	878	722	30	M20	801	798	90	10	80	0.5	10	968	94		
21	010.30.800	011.30.800	013.30.800	922	678	100	878	722	30	22	6	801	798	90	10	80	0.5	8	966.4	118	
22	010.30.800	012.30.800	014.30.800	922	678	100	878	722	30	M20	801	798	90	10	80	0.5	10	968	94		
23	010.30.800	011.30.800	013.30.800	922	678	100	878	722	30	22	6	801	798	90	10	80	0.5	8	966.4	118	
24	010.30.800	012.30.800	014.30.800	922	678	100	878	722	30	M20	801	798	90	10	80	0.5	10	968	94		