

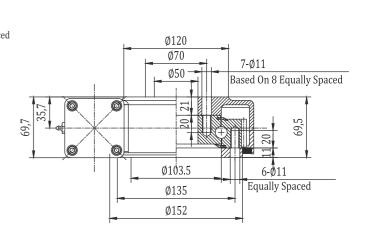
7-M10 × 20
Based On 8 Equally Spaced

6-M10 × 20
Equally Spaced

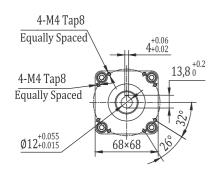
M6×1
Grease Nipple

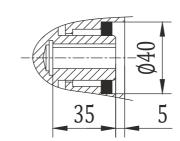
93,7
127,7
89

Input

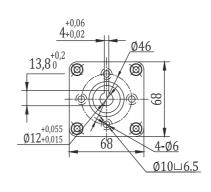


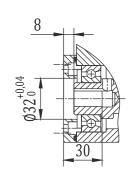
#### VIEW A OPTION Ø12 HOLE





VIEW A OPTION Ø12 HOLE



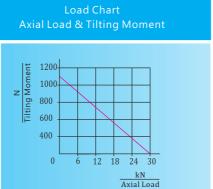


#### ${}^*Made\ to\ order\ input\ shaft\ and\ flange\ available\ upon\ request$

# S D 3 Slew Drive Performance Parameters Gear Ratio 62:1 Output Torque (max.) 1.2 kN.m 0.89×10³ lbf.ft Tilting Moment (max.) 1.1 kN.m 0.81×10³ lbf.ft Holding Torque 2.2 kN.m 1.6×10³ lbf.ft Static Axial Load Rating 30 kN 6.7×10³ lbf Static Radial Load Rating 15 kN 3.3×10³ lbf Mechanical Efficiency 30% Self-locking Reliable static self-locking

≤0.2°

IP65



\*Made to order input shaft and flange available upon request

SD5 Slew Drive Performance Parameters			
Gear Ratio	71:1		
Output Torque (max.)	2200 N.m	1624 lbf.ft	
Tilting Moment (max.)	3160 N.m	2322 lbf.ft	
Holding Torque	5450 N.m	4022 lbf.ft	
Static Axial Load Rating	52 kN	11700 lbf	
Static Radial Load Rating	28 kN	6300 lbf	
Mechanical Efficiency	40%	6	
Self-locking	Reliable static self-locking		
Precision	≤0.2°		
IP Class	IP65		

Axial Load & Tilting Moment

2 2750
2250
1750
15 25 35 45 55
kN

0.1

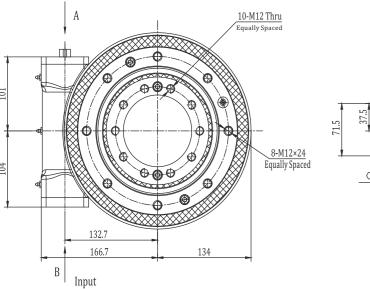
Precision

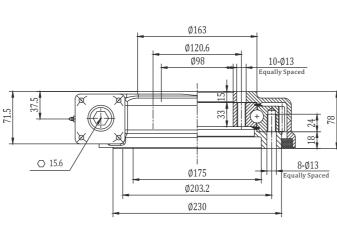
IP Class



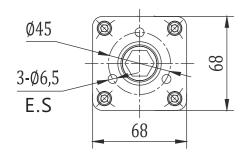




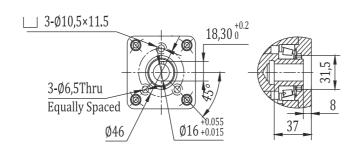




VIEW A OPTION WITH HEX



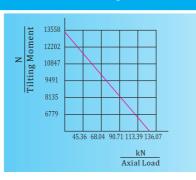




 ${}^*Made\ to\ order\ input\ shaft\ and\ flange\ available\ upon\ request$ 

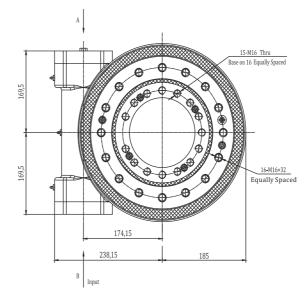
SD7 Slew Drive Performance Parameters				
Gear Ratio	71:1			
Output Torque (max.)	3.5 kN.m	2.58×10 <sup>3</sup> lbf.ft		
Tilting Moment (max.)	13.5 kN.m	9.96×10 <sup>3</sup> lbf.ft		
Holding Torque	10.4 kN.m	7.67×10 <sup>3</sup> lbf.ft		
Static Axial Load Rating	133 kN	$30 \times 10^3$ lbf		
Static Radial Load Rating	53 kN	$11.9 \times 10^{3}$ lbf		
Mechanical Efficiency	40%			
Self-locking	Reliable static self-locking			
Precision ≤0.2°		2°		
		5		

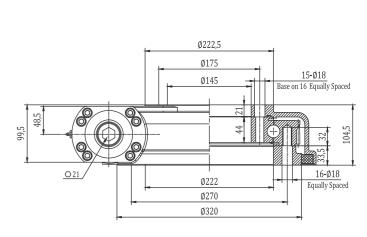




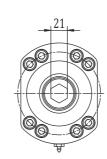


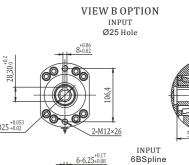
SD9

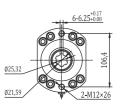


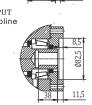


VIEW A OPTION WITH HEX







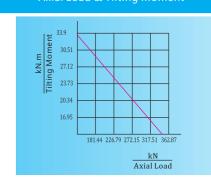


\*Made to order input shaft and flange available upon request

# SD9 Slew Drive Performance Parameters

Gear Ratio	61:1	
Output Torque (max.)	12.2 kN.m	$9.0 \times 10^3$ lbf.ft
Tilting Moment (max.)	33.9 kN.m	25×10³ lbf.ft
Holding Torque	38.7 kN.m	28.5×10 <sup>3</sup> lbf.ft
Static Axial Load Rating	338 kN	20.3×10 <sup>3</sup> lbf
Static Radial Load Rating	135 kN	$15.9 \times 10^{3}$ lbf
Mechanical Efficiency	40%	
Self-locking Self-locking	Reliable static self-locking	
Precision	≤0.2°	
IP Class	IP65	

Load Chart Axial Load & Tilting Moment



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If it can be imagined, we can make it reality. Our custom-tooling capability and high-tolerance, on-spec production gives you the freedom to innovate and create new markets.

Page05

^Slew Drives on Logging Machinery

Page

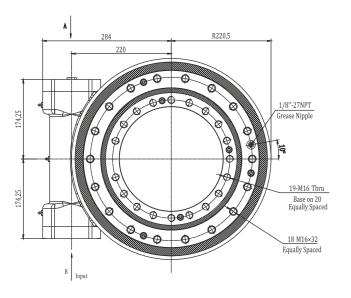


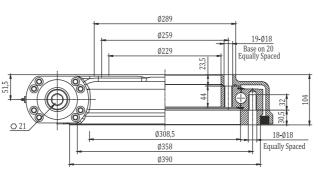




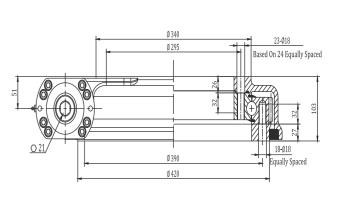






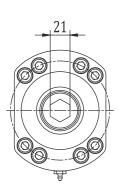


1/8"-27NPT



VIEW B OPTION INPUT Ø25 Hole

VIEW A OPTION WITH HEX



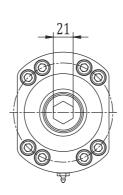


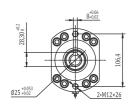
INPUT

6B Spline



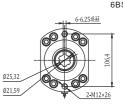
VIEW A OPTION WITH HEX

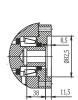






INPUT 6BSpline



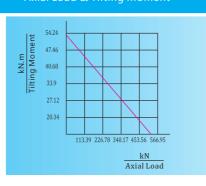


 ${}^*Made\ to\ order\ input\ shaft\ and\ flange\ available\ upon\ request$ 

#### SD12 Slew Drive Performance Parameters

Gear Ratio	78:1	
Output Torque (max.)	15.6 kN.m	11.5×10 <sup>3</sup> lbf.ft
Tilting Moment (max.)	54.3 kN.m	40×10 <sup>3</sup> lbf.ft
Holding Torque	43 kN.m	31.7×10 <sup>3</sup> lbf.ft
Static Axial Load Rating	475 kN	106.8×10 <sup>3</sup> lbf
Static Radial Load Rating	190 kN	$42.7 \times 10^{3}$ lbf
Mechanical Efficiency	40%	
Self-locking	Reliable static self-locking	
Precision	≤0.2 IP65	
IP Class		

Load Chart Axial Load & Tilting Moment

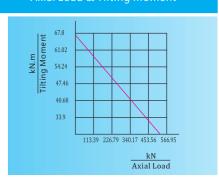


 ${}^*Made\ to\ order\ input\ shaft\ and\ flange\ available\ upon\ request$ 

## SD14 Slew Drive Performance Parameters

Gear Ratio	85:1		
Output Torque (max.)	17 kN.m	$12.5 \times 10^3$ lbf.ft	
Tilting Moment (max.)	67.8 kN.m	50×10 <sup>3</sup> lbf.ft	
Holding Torque	48 kN.m	42×10 <sup>3</sup> lbf.ft	
Static Axial Load Rating	555 kN	124.9×10 <sup>3</sup> lbf	
Static Radial Load Rating	222 kN	$49.9 \times 10^{3}$ lbf	
Mechanical Efficiency	40%		
Self-locking	Reliable s	Reliable static self-locking	
Precision	≤0.2°		
IP Class	IP65		

Load Chart Axial Load & Tilting Moment



If you choose SoCare® products instead of other brands, our team can design and develop alternative products to provide OEM services

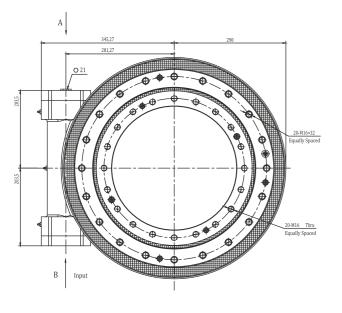


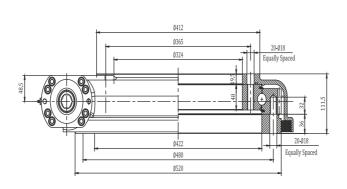






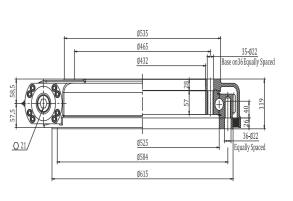
## **SD21**





VIEW B OPTION INPUT Ø16 Hole

8 Input



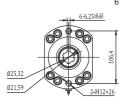
VIEW B OPTION INPUT Ø25 Hole

VIEW A OPTION
WITH HEX

35-M20 Thru sed On 36 Equally Spaced

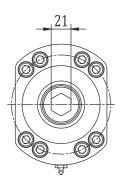


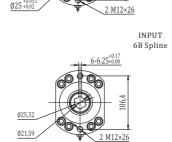
INPUT 6BSpline





VIEW A OPTION WITH HEX





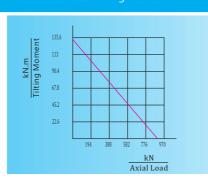


 ${}^*Made\ to\ order\ input\ shaft\ and\ flange\ available\ upon\ request$ 

# $\underline{SD17} \\ \text{Slew Drive Performance Parameters}$

Gear Ratio	102:1	
Output Torque ( max. )	20.4 kN.m	15.1×10 <sup>3</sup> lbf.ft
Tilting Moment ( max. )	135.6 kN.m	100×10 <sup>3</sup> lbf.ft
Holding Torque	72.3 kN.m	53×10 <sup>3</sup> lbf.ft
Static Axial Load Rating	970 kN	218×10 <sup>3</sup> lbf
Static Radial Load Rating	390 kN	88×10 <sup>3</sup> lbf
Mechanical Efficiency	40%	
Self-locking	Reliable static self-locking	
Precision	≤0.2	
IP Class	IP65	

Load Chart Axial Load & Tilting Moment

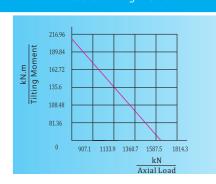


\*Made to order input shaft and flange available upon request

# SD21 Slew Drive Performance Parameters

Gear Ratio	125:1	
Output Torque (max.)	25 kN.m	$18.5 \times 10^3$ lbf.ft
Tilting Moment (max.)	203 kN.m	149.7×10 <sup>3</sup> lbf.ft
Holding Torque	105.8 kN.m	78×10³ lbf.ft
Static Axial Load Rating	1598 kN	359.6×10 <sup>3</sup> lbf
Static Radial Load Rating	640 kN	$144 \times 10^3$ lbf
Mechanical Efficiency	40%	
Self-locking	Reliable stat	ic self-locking
Precision		
IP Class		

Load Chart Axial Load & Tilting Moment



0.0









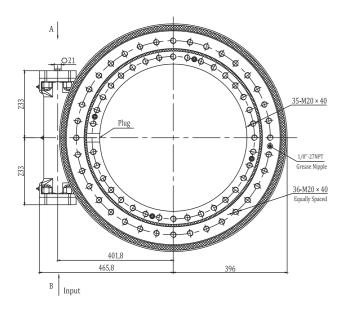


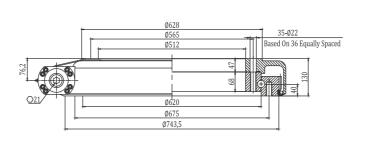




35-M20×40 Based On 36 Equally Spaced

Grease Nipple 36-M20×40 Equally Spaced **SD32** 



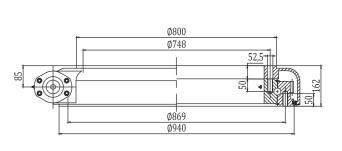


VIEW B OPTION

INPUT Ø16 Hole

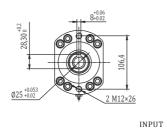
6B Spline

B Input



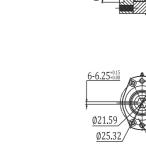
VIEW B OPTION

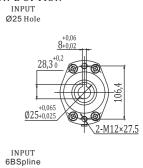
VIEW A OPTION WITH HEX

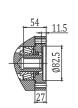












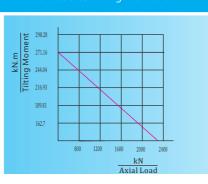
<b>100</b> 7

 ${}^*Made\ to\ order\ input\ shaft\ and\ flange\ available\ upon\ request$ 

# SD25 Slew Drive Performance Parameters

Gear Ratio	150:1	
Output Torque ( max. )	30 kN.m $22.1\times10^{-3}$ lbf.ft	
Tilting Moment ( max. )	203 kN.m 199.9×10 <sup>3</sup> lbf.ft	
Holding Torque	158.3 kN.m 116.8×10 <sup>3</sup> lbf.ft	
Static Axial Load Rating	2360 kN 531×10 <sup>3</sup> lbf	
Static Radial Load Rating	945 kN 212.6×10 <sup>3</sup> lbf	
Mechanical Efficiency	40%	
Self-locking	Reliable static self-locking	
Precision	Precision ≤0.2°	
IP Class IP65		

# Load Chart Axial Load & Tilting Moment

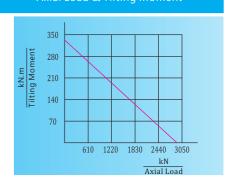


#### ${}^*Made\ to\ order\ input\ shaft\ and\ flange\ available\ upon\ request$

## SD32 Slew Drive Performance Parameters

Gear Ratio	154:1	
Output Torque (max.)	32 kN.m	23.6×10 <sup>3</sup> lbf.ft
Tilting Moment (max.)	347 kN.m	256×10 <sup>3</sup> lbf.ft
Holding Torque	190 kN.m	140×10 <sup>3</sup> lbf.ft
Static Axial Load Rating	3021 kN	680×10 <sup>3</sup> lbf
Static Radial Load Rating	1210 kN	$272 \times 10^3$ lbf
Mechanical Efficiency	40%	
Self-locking	Reliable static self-locking	
Precision	≤0.2°	
IP Class	IP65	

Load Chart Axial Load & Tilting Moment









Advanced processing equipment, strict testing, and mature Slew Ring manufacturing technology are essential elements of success of Slew Drive.