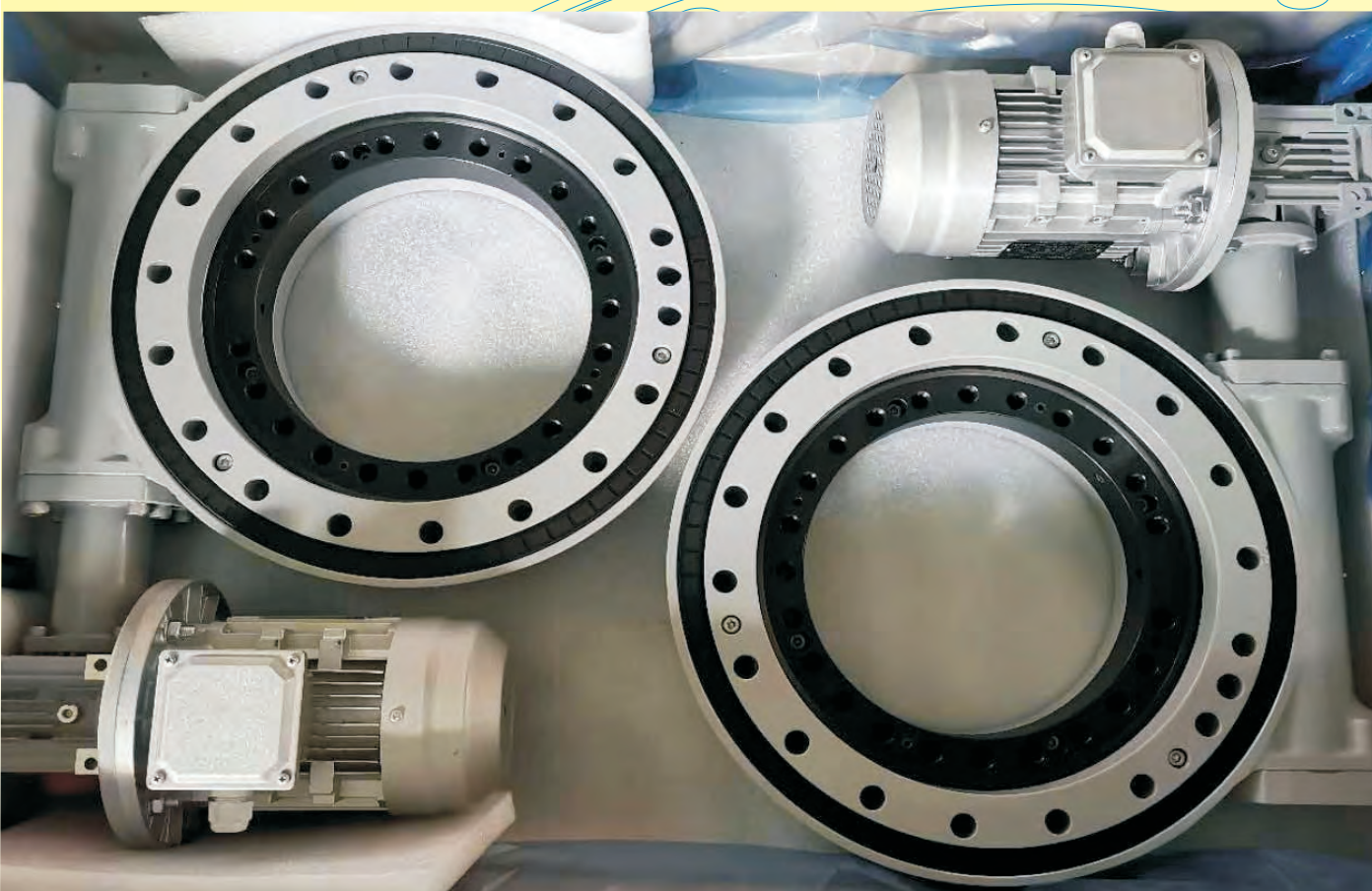
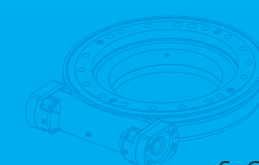
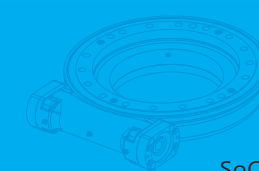
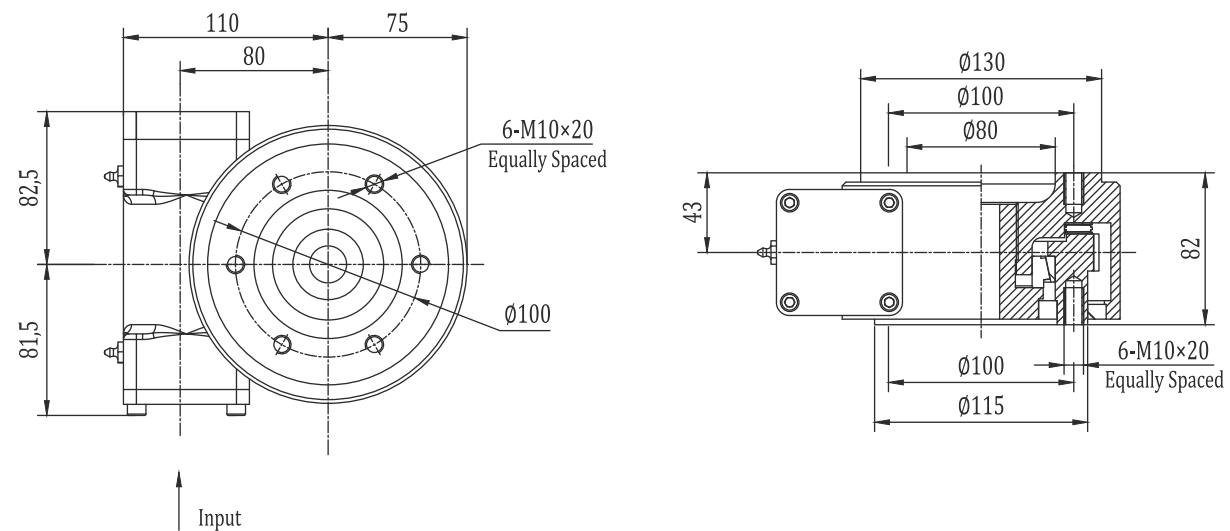
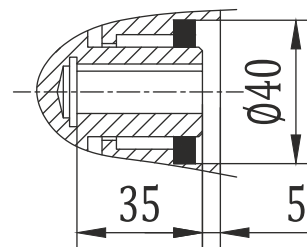
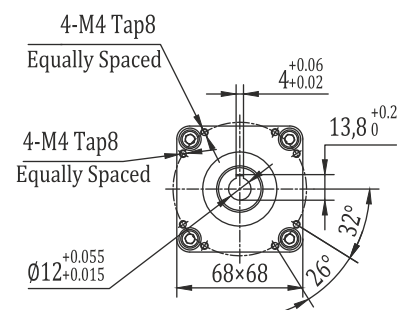


SoCare®
Slew Drive
SD Series



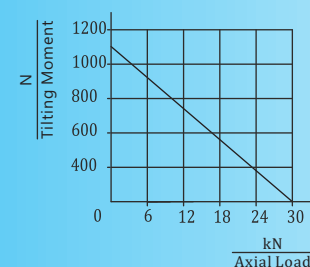
SD3

VIEW A OPTION
Ø12 HOLE

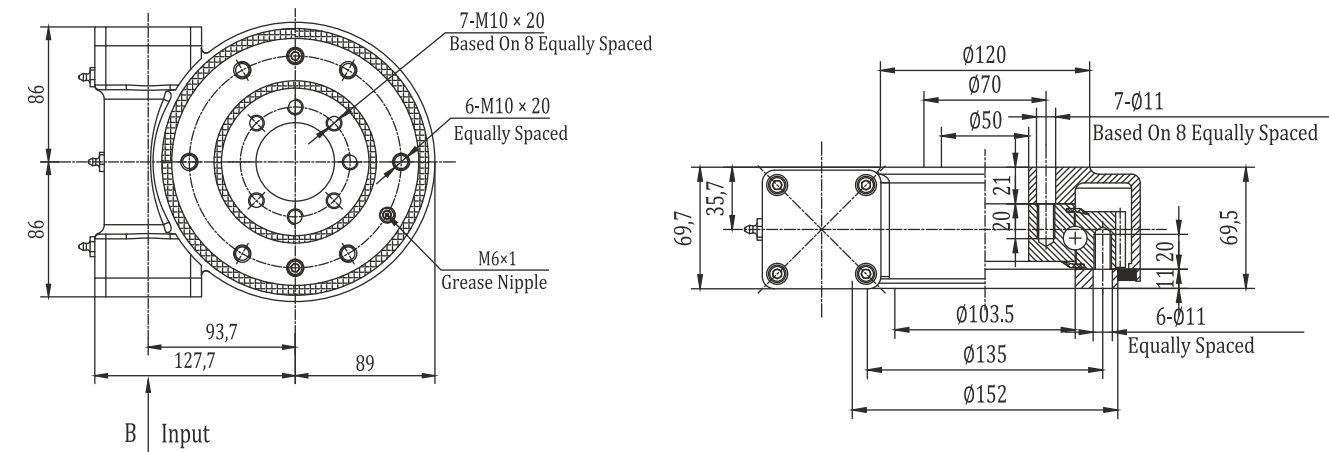
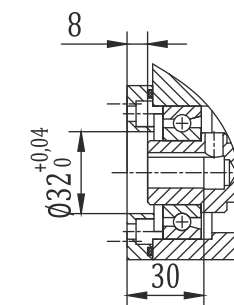
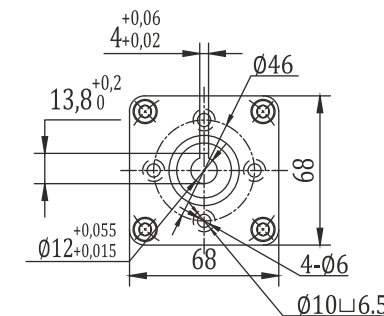
*Made to order input shaft and flange available upon request

SD3 Slew Drive Performance Parameters

Gear Ratio	62:1	
Output Torque (max.)	1.2 kN.m	0.89×10 ³ lbf.ft
Tilting Moment (max.)	1.1 kN.m	0.81×10 ³ lbf.ft
Holding Torque	2.2 kN.m	1.6×10 ³ lbf.ft
Static Axial Load Rating	30 kN	6.7×10 ³ lbf
Static Radial Load Rating	15 kN	3.3×10 ³ lbf
Mechanical Efficiency	30%	
Self-locking	Reliable static self-locking	
Precision	≤0.2°	
IP Class	IP65	

Load Chart
Axial Load & Tilting Moment

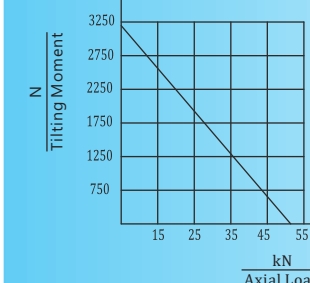
SD5

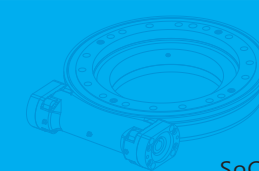
VIEW A OPTION
Ø12 HOLE

*Made to order input shaft and flange available upon request

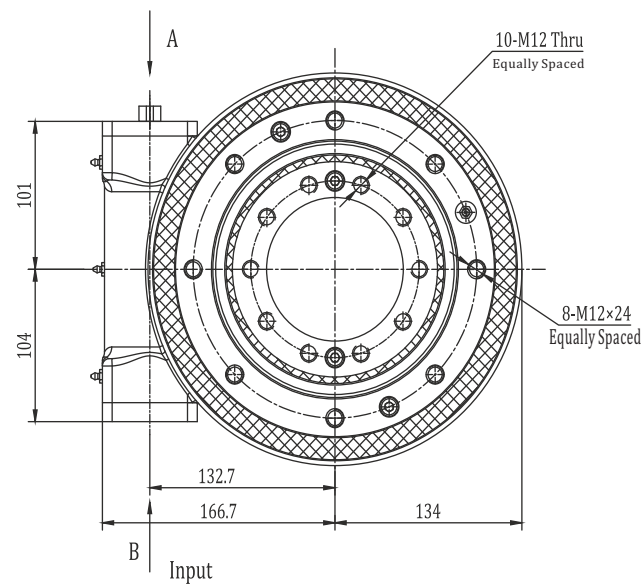
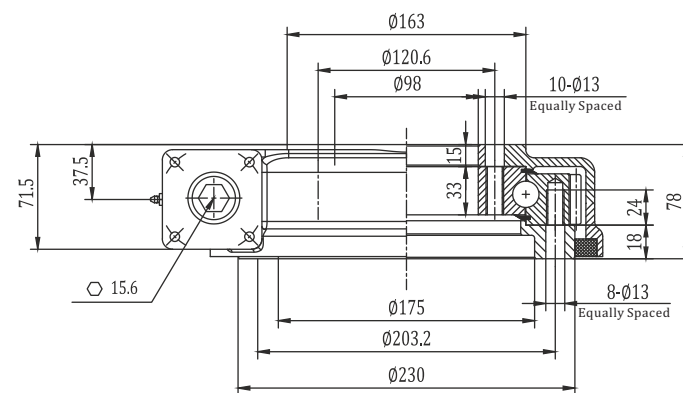
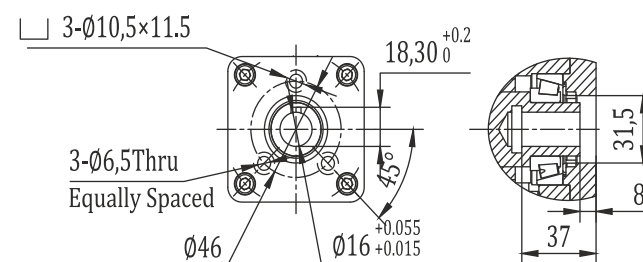
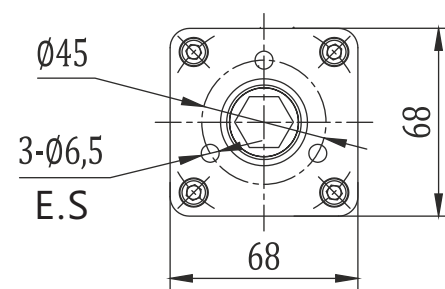
SD5 Slew Drive Performance Parameters

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%	
Self-locking	Reliable static self-locking	
Precision	≤0.2°	
IP Class	IP65	

Load Chart
Axial Load & Tilting Moment



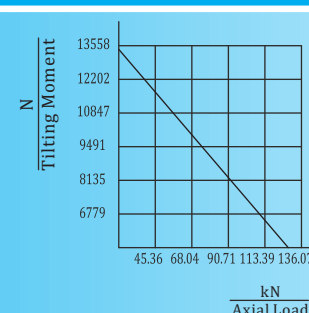
SD7

VIEW A OPTION
WITH HEXVIEW B OPTION
INPUT
Ø16 Hole

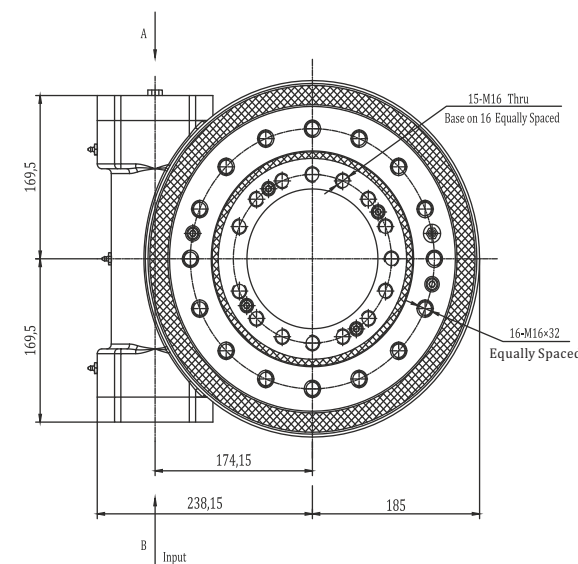
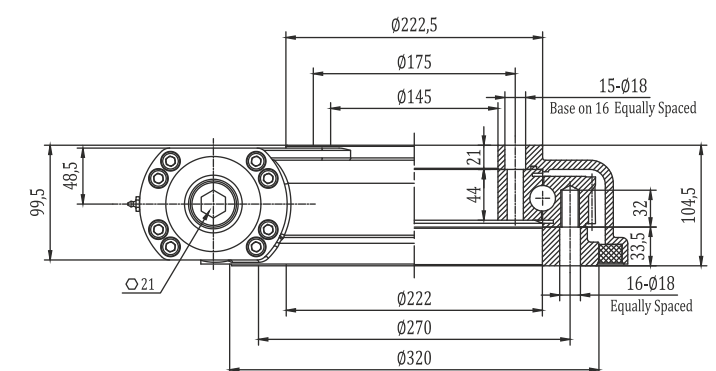
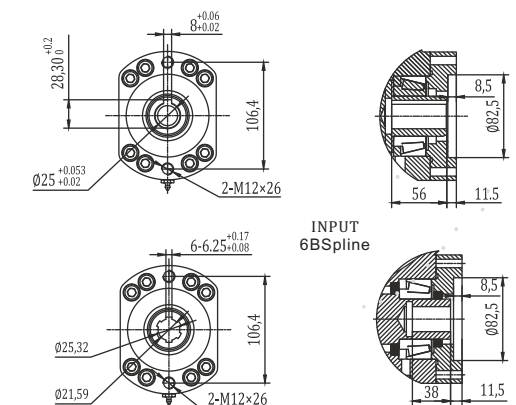
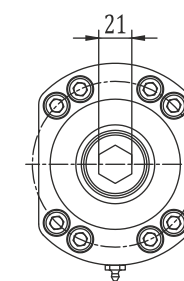
*Made to order input shaft and flange available upon request

SD7 Slew Drive Performance Parameters

Gear Ratio	71:1	
Output Torque (max.)	3.5 kN.m	2.58×10 ³ lbf.ft
Tilting Moment (max.)	13.5 kN.m	9.96×10 ³ lbf.ft
Holding Torque	10.4 kN.m	7.67×10 ³ lbf.ft
Static Axial Load Rating	133 kN	30×10 ³ lbf
Static Radial Load Rating	53 kN	11 9×10 ³ lbf
Mechanical Efficiency	40%	
Self-locking	Reliable static self-locking	
Precision	≤0.2°	
IP Class	IP65	

Load Chart
Axial Load & Tilting Moment

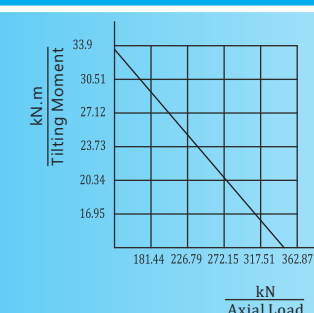
SD9

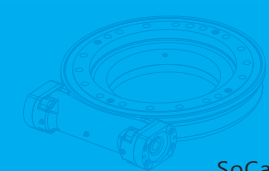
VIEW A OPTION
WITH HEXVIEW B OPTION
INPUT
Ø25 Hole

*Made to order input shaft and flange available upon request

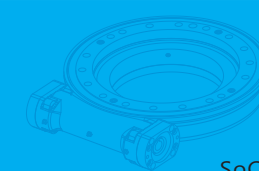
SD9 Slew Drive Performance Parameters

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

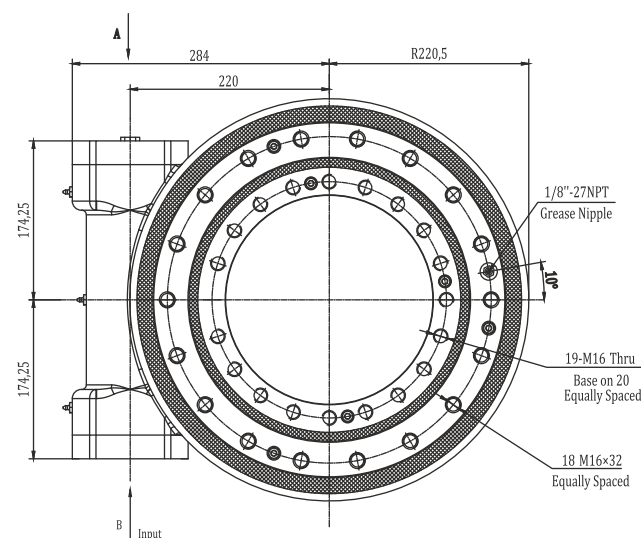
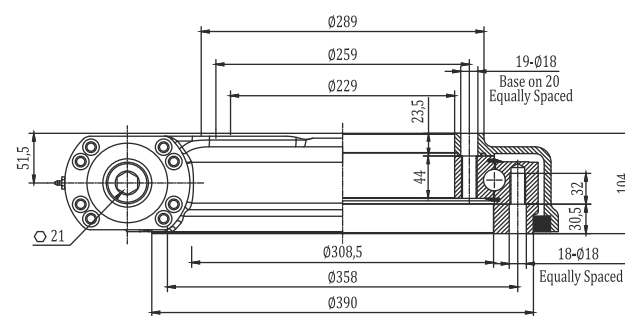
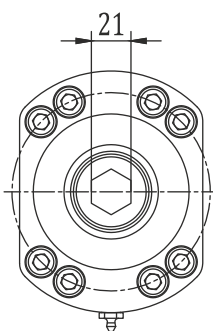
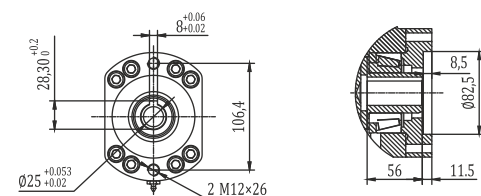
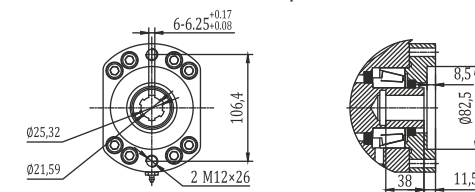
Load Chart
Axial Load & Tilting Moment



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on-spec production gives you the freedom
to innovate and create new markets.



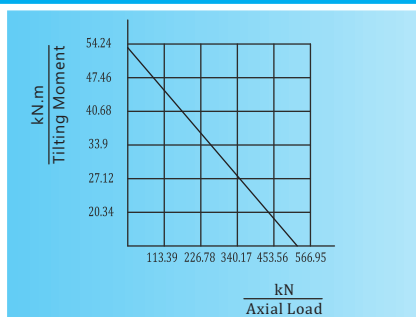
SD12

VIEW A OPTION
WITH HEXVIEW B OPTION
INPUT
Ø16 HoleINPUT
6B Spline

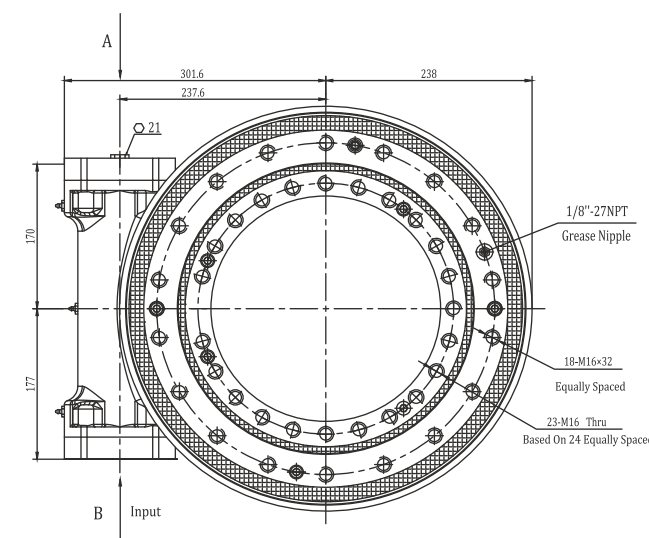
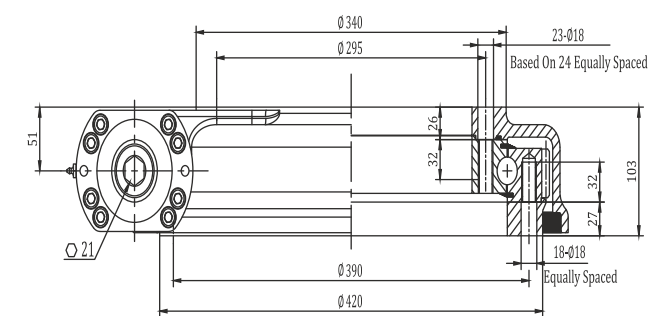
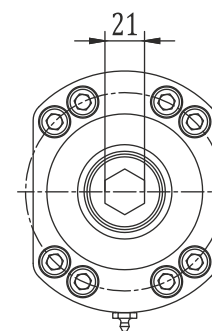
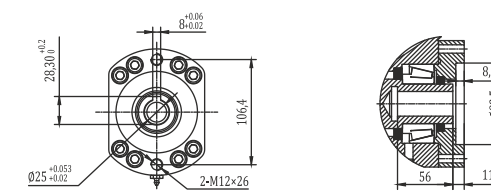
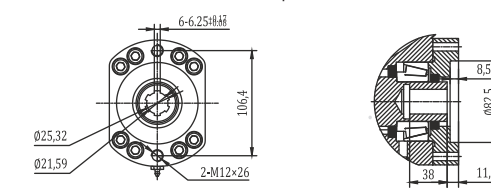
*Made to order input shaft and flange available upon request

SD12 Slew Drive Performance Parameters

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

Load Chart
Axial Load & Tilting Moment

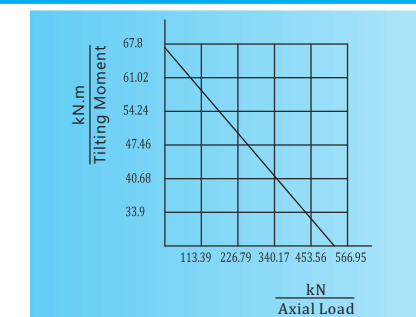
SD14

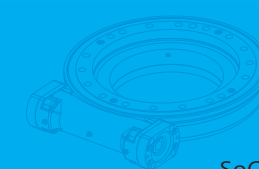
VIEW A OPTION
WITH HEXVIEW B OPTION
INPUT
Ø25 HoleINPUT
6B Spline

*Made to order input shaft and flange available upon request

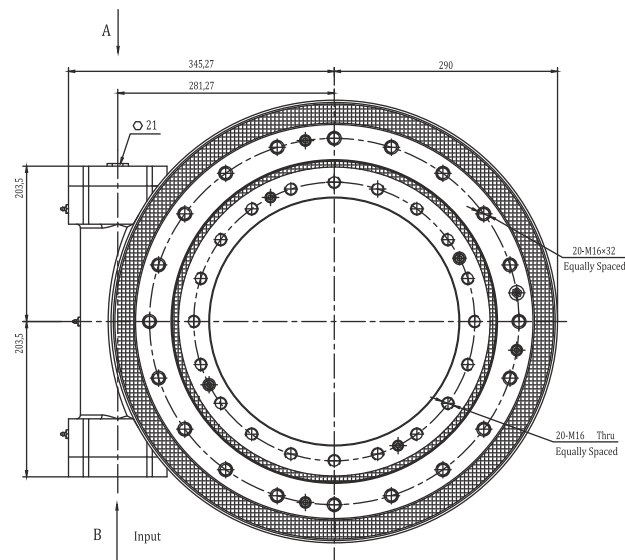
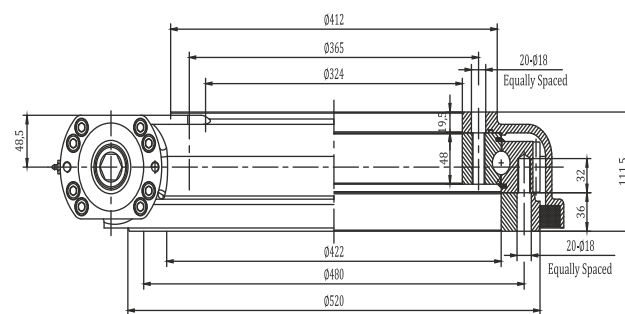
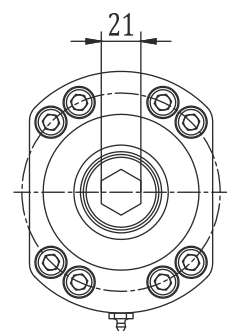
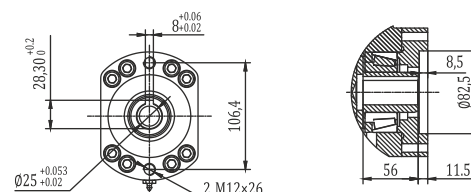
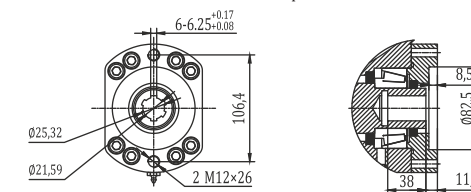
SD14 Slew Drive Performance Parameters

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

Load Chart
Axial Load & Tilting Moment



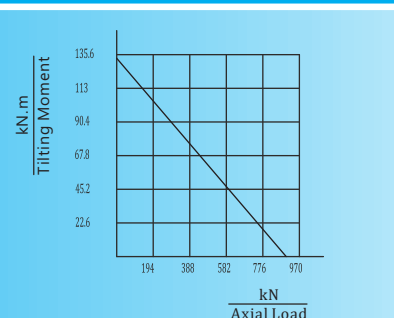
SD17

VIEW A OPTION
WITH HEXVIEW B OPTION
INPUT
Ø16 HoleINPUT
6B Spline

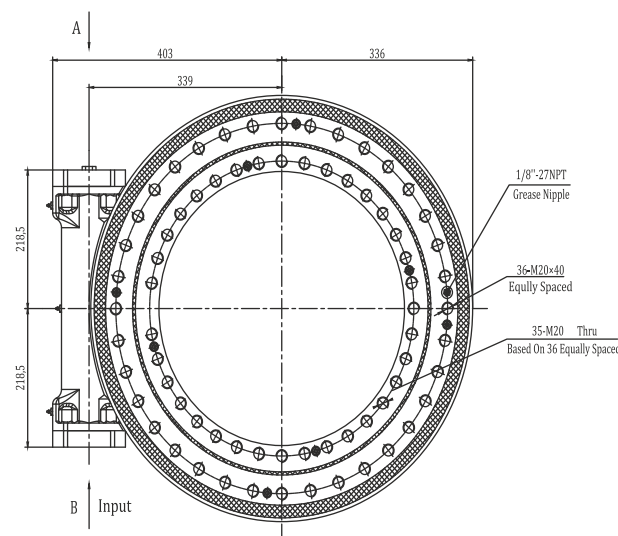
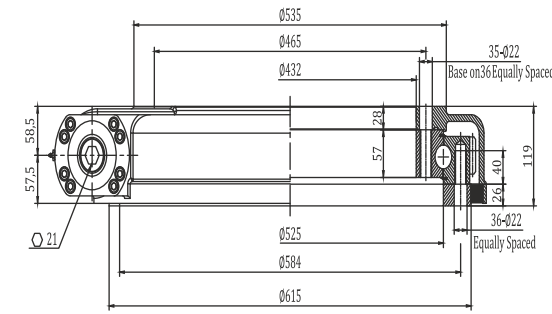
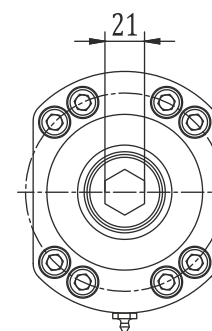
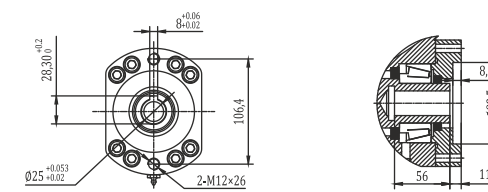
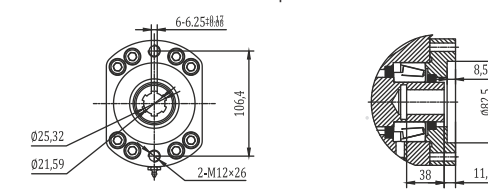
*Made to order input shaft and flange available upon request

SD17 Slew Drive Performance Parameters

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

Load Chart
Axial Load & Tilting Moment

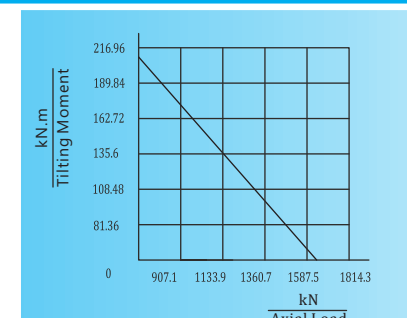
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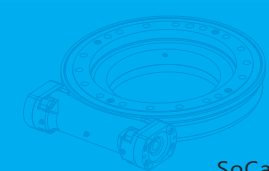
VIEW A OPTION
WITH HEXVIEW B OPTION
INPUT
Ø25 HoleINPUT
6B Spline

*Made to order input shaft and flange available upon request

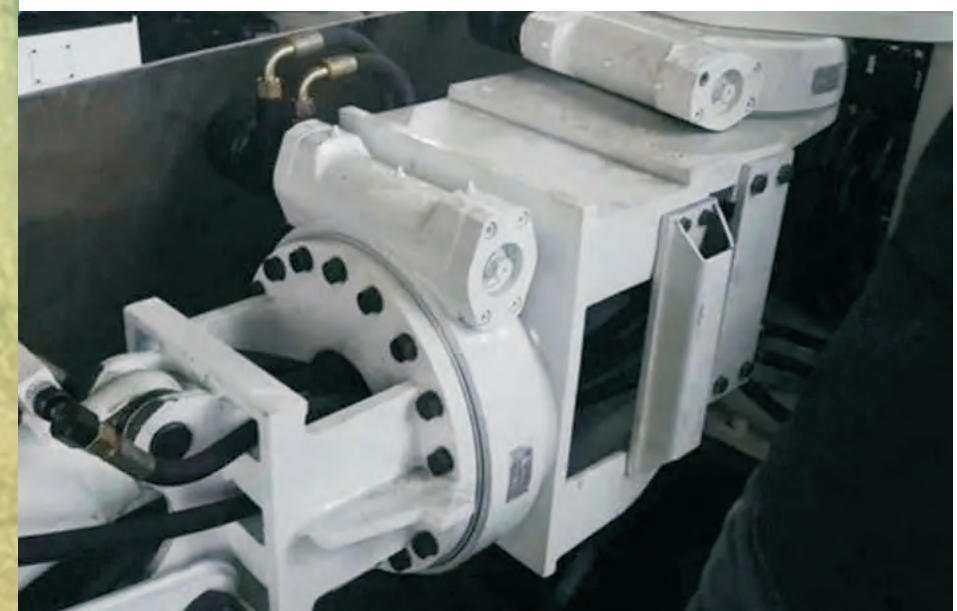
SD21 Slew Drive Performance Parameters

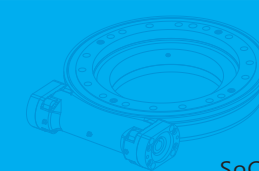
Gear Ratio	125:1	
Output Torque (max.)	25 kN.m	18.5×10 ³ lbf.ft
Tilting Moment (max.)	203 kN.m	149.7×10 ³ lbf.ft
Holding Torque	105.8 kN.m	78×10 ³ lbf.ft
Static Axial Load Rating	1598 kN	359.6×10 ³ lbf
Static Radial Load Rating	640 kN	144×10 ³ lbf
Mechanical Efficiency	40%	
Self-locking	Reliable static self-locking	
Precision	≤0.2°	
IP Class	IP65	

Load Chart
Axial Load & Tilting Moment

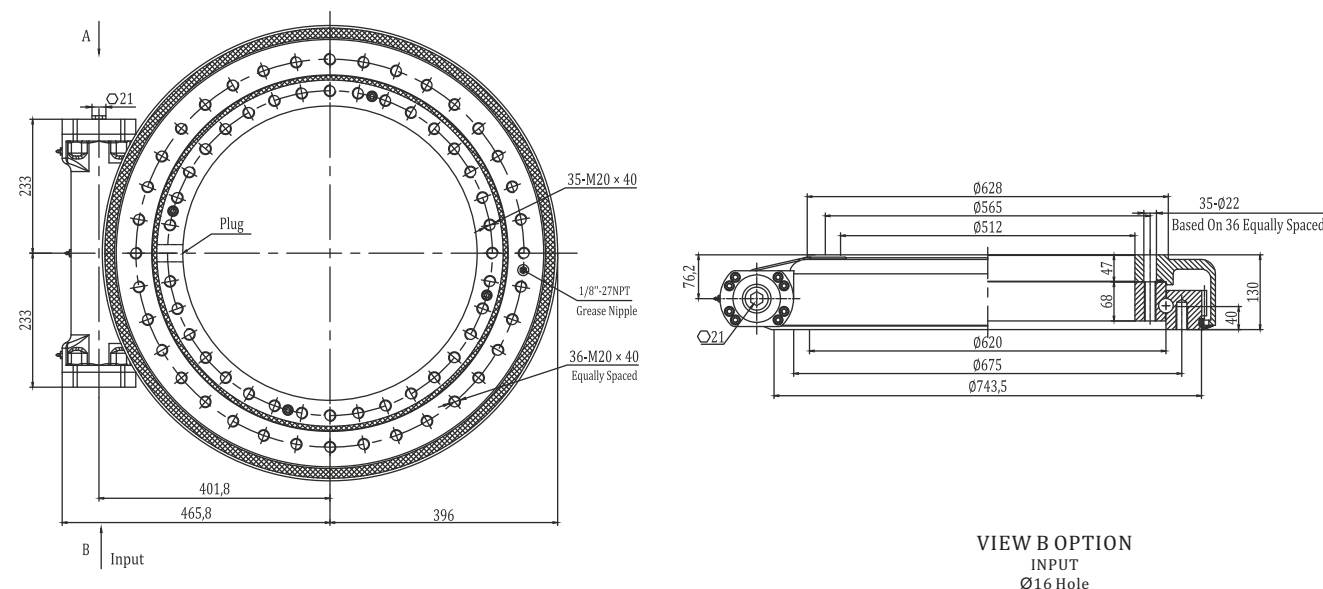
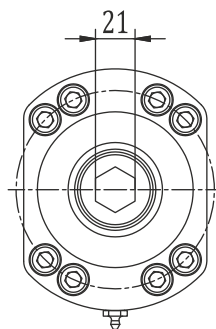
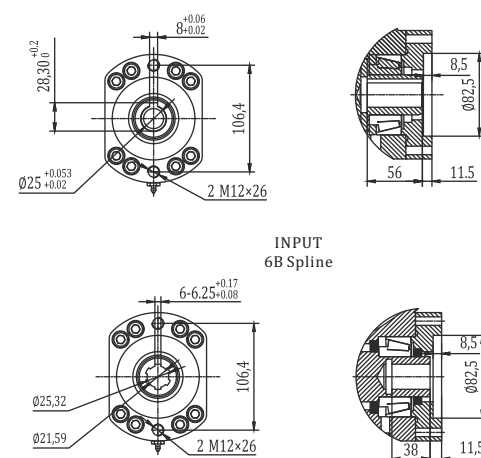


Slew Drives
For Industrial Equipments





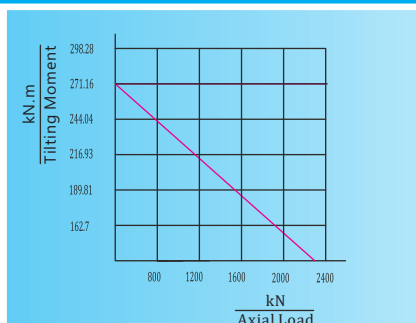
SD25

VIEW A OPTION
WITH HEXVIEW B OPTION
INPUT
Ø16 Hole

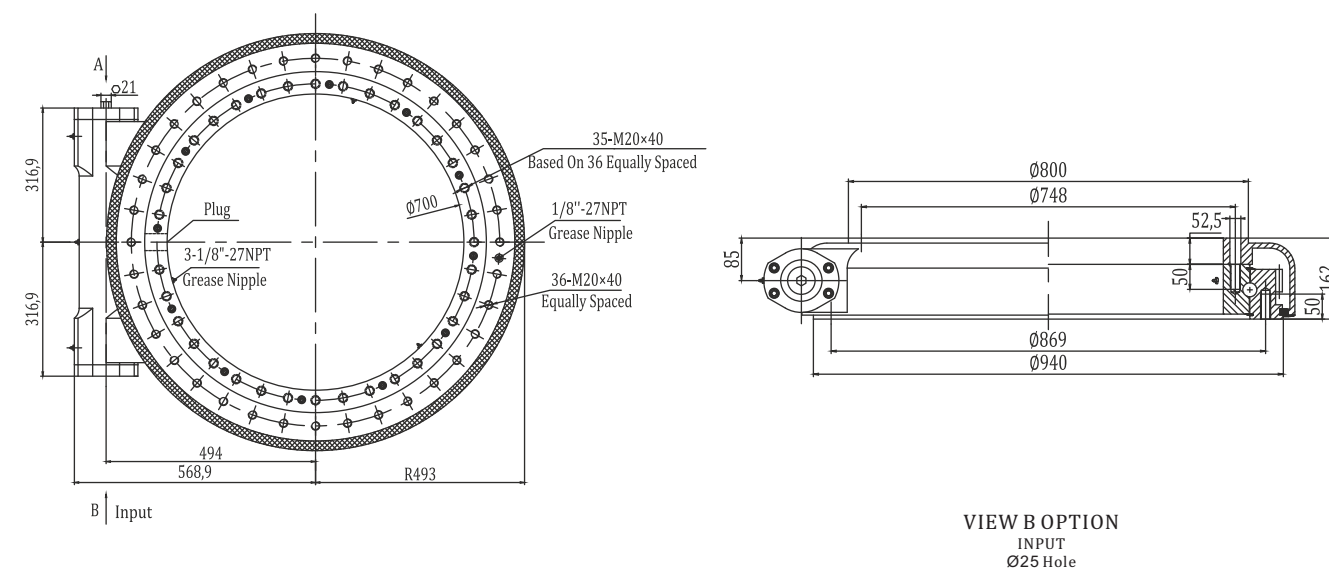
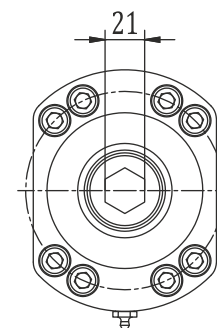
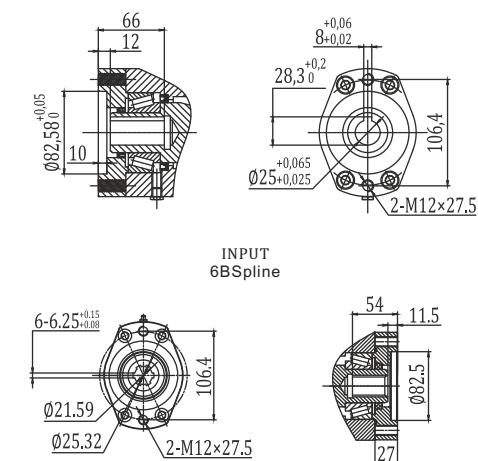
*Made to order input shaft and flange available upon request

SD25 Slew Drive Performance Parameters

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

Load Chart
Axial Load & Tilting Moment

SD32

VIEW A OPTION
WITH HEXVIEW B OPTION
INPUT
Ø25 Hole

*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 ³ lbf.ft
Tilting Moment (max.)	347 kN.m	256×10 ³ lbf.ft
Holding Torque	190 kN.m	140×10 ³ lbf.ft
Static Axial Load Rating	3021 kN	680×10 ³ lbf
Static Radial Load Rating	1210 kN	272×10 ³ lbf
Mechanical Efficiency	40%	
Self-locking	Reliable static self-locking	
Precision	≤0.2°	
IP Class	IP65	

Load Chart
Axial Load & Tilting Moment