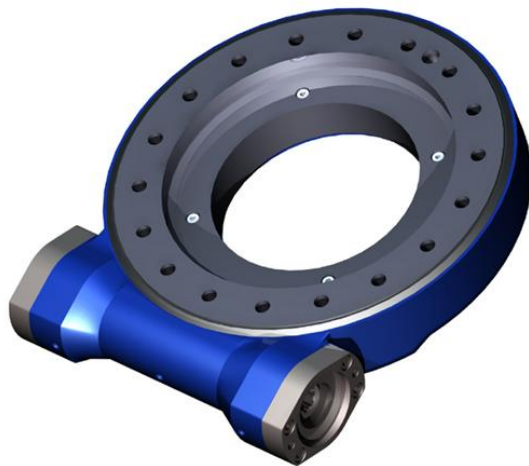


DATASHEET – DIMENSIONS

WORM GEAR SLEW DRIVES – ECO SERIES



Model	Rated Output Torque	Holding Torque	Tilting Moment	Axial Load	Radial Load	Gear Ratio	Backlash	Input Shaft	Weight
	(kNm)			(kN)			(°)	(mm)	(kg)
WEA7	3,5	20	14,2	220	90	47:1	≤0,2	Ø25	35
WEA9	8	38,7	35,6	578	215	62:1	≤0,15		50
WEA12	9,36	42	56	760	280	79:1			66
WEA14	11	48	72	950	360	86:1			75
WEA17	13,2	72,3	143	1160	435	104:1	≤0,1		94
WEA19	19,1	80,1	196	1800	675	99:1			118
WEA21	28,7	106	203	1580	648	90:1			172
WEA25	34,2	158	310	2410	950	104:1			200

The diagrams show the permissible combinations of axial load and tilting moment for worm gear slew drives. As the axial load increases, the permissible tilting moment decreases. For proper selection and safe operation of the drive, the limit values specified by the manufacturer must be observed.

Diagram Legend:

Horizontal axis: Axial load in kN.

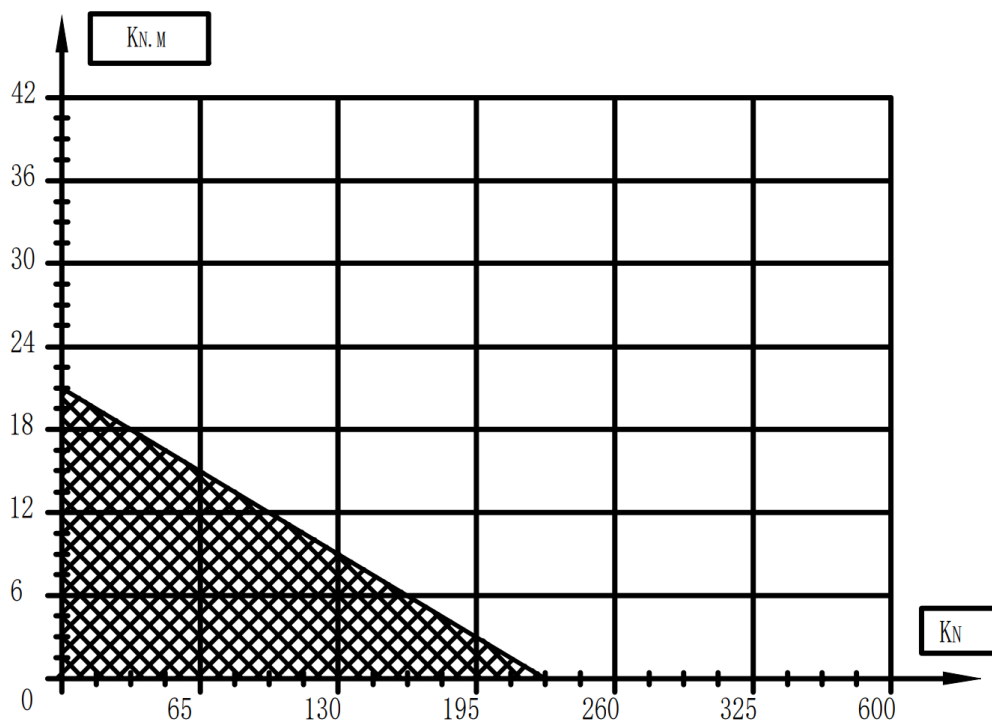
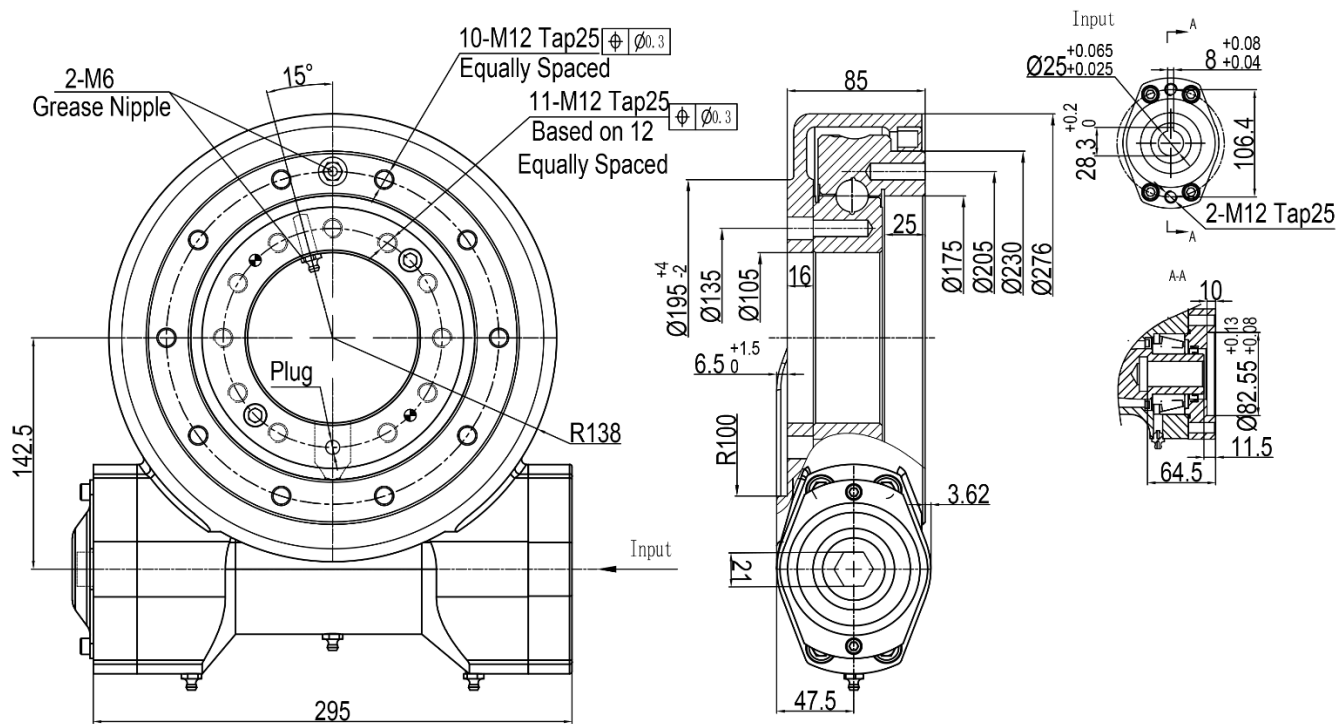
Vertical axis: Tilting moment in kNm.

Shaded area: Permissible combinations of loads according to the manufacturer's diagram.

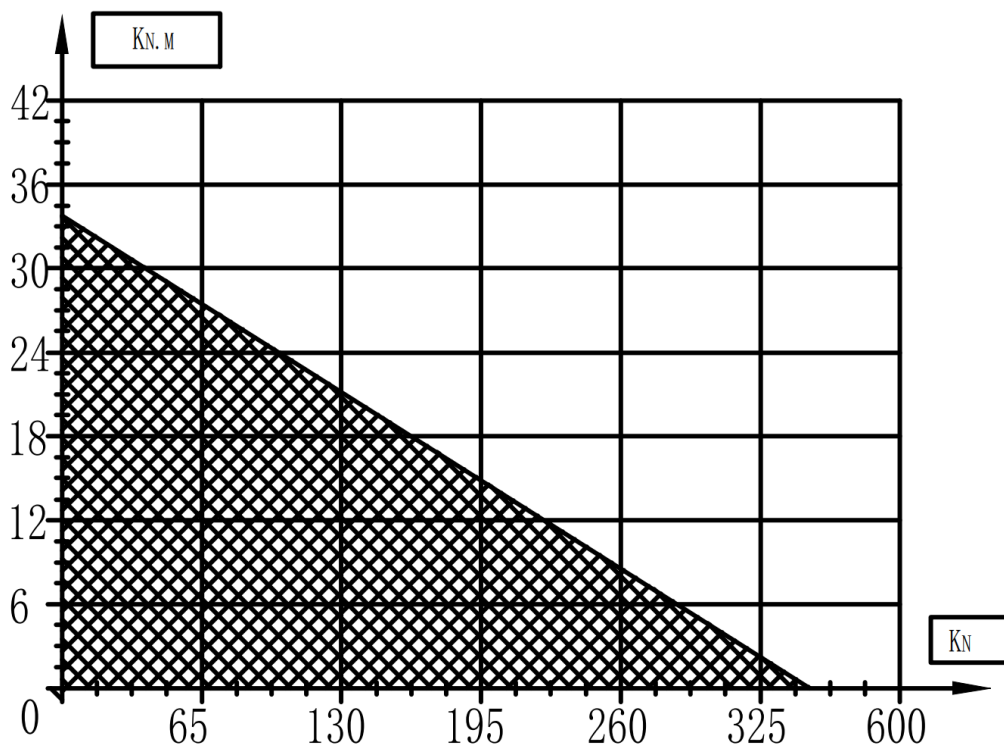
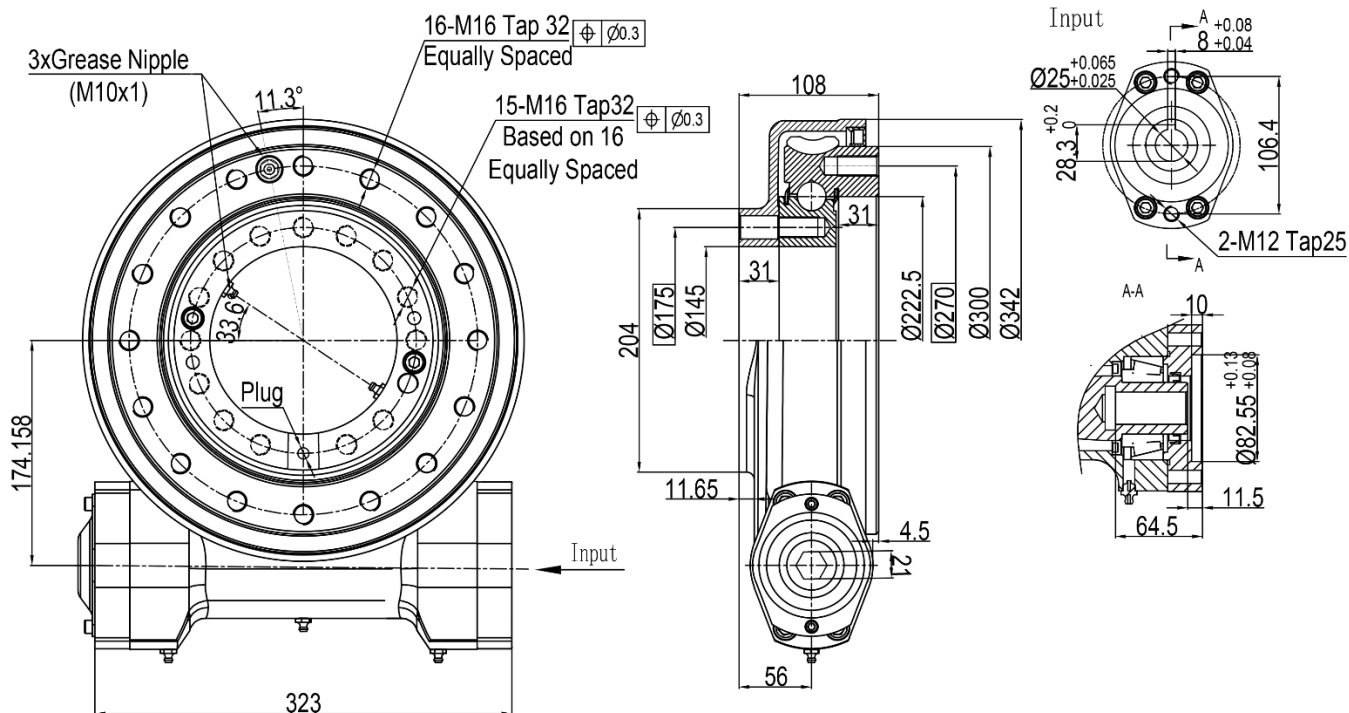
Limit curve: Maximum permissible combined load limit that must not be exceeded.



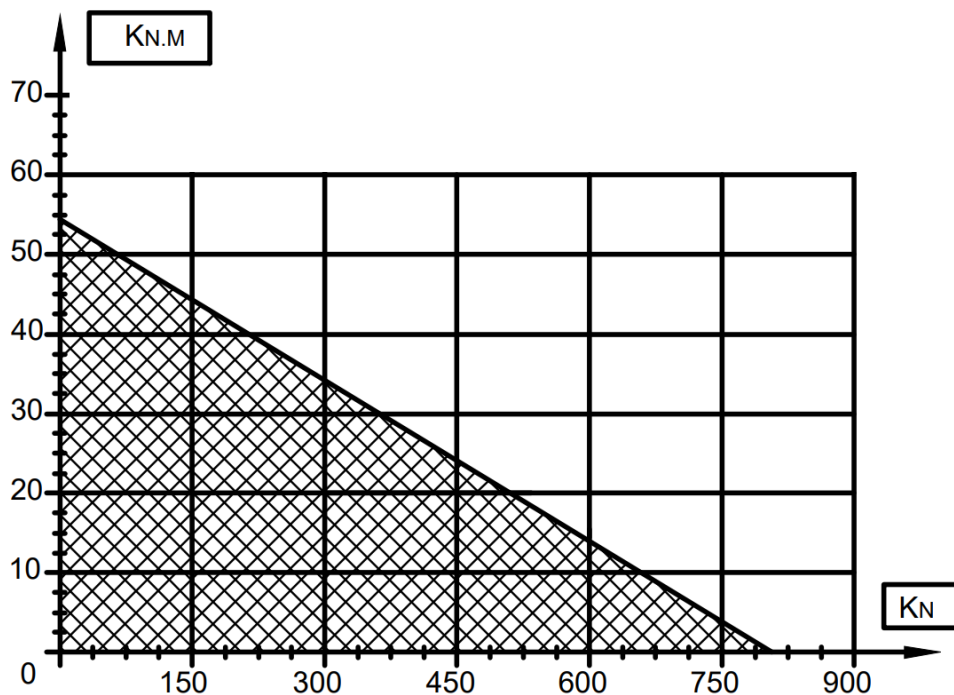
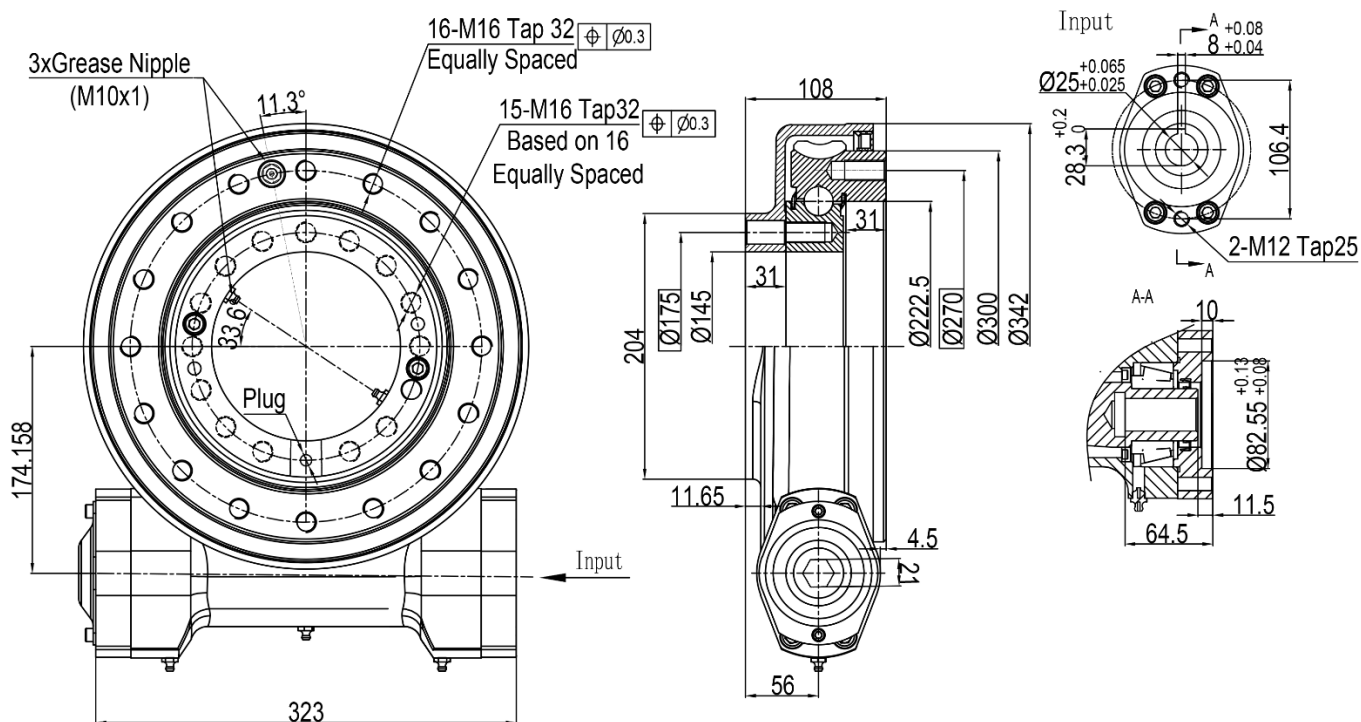
WEA7



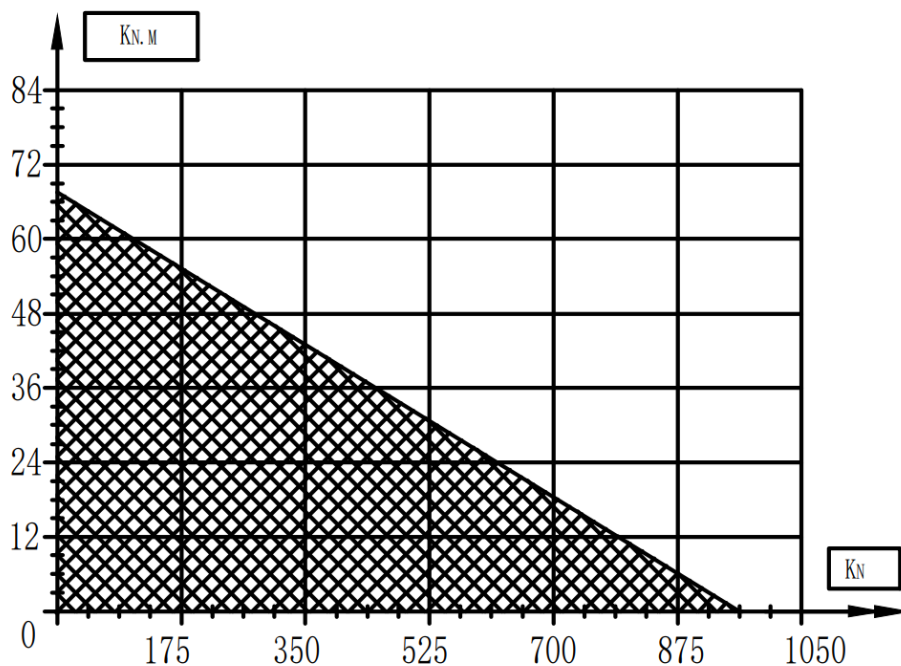
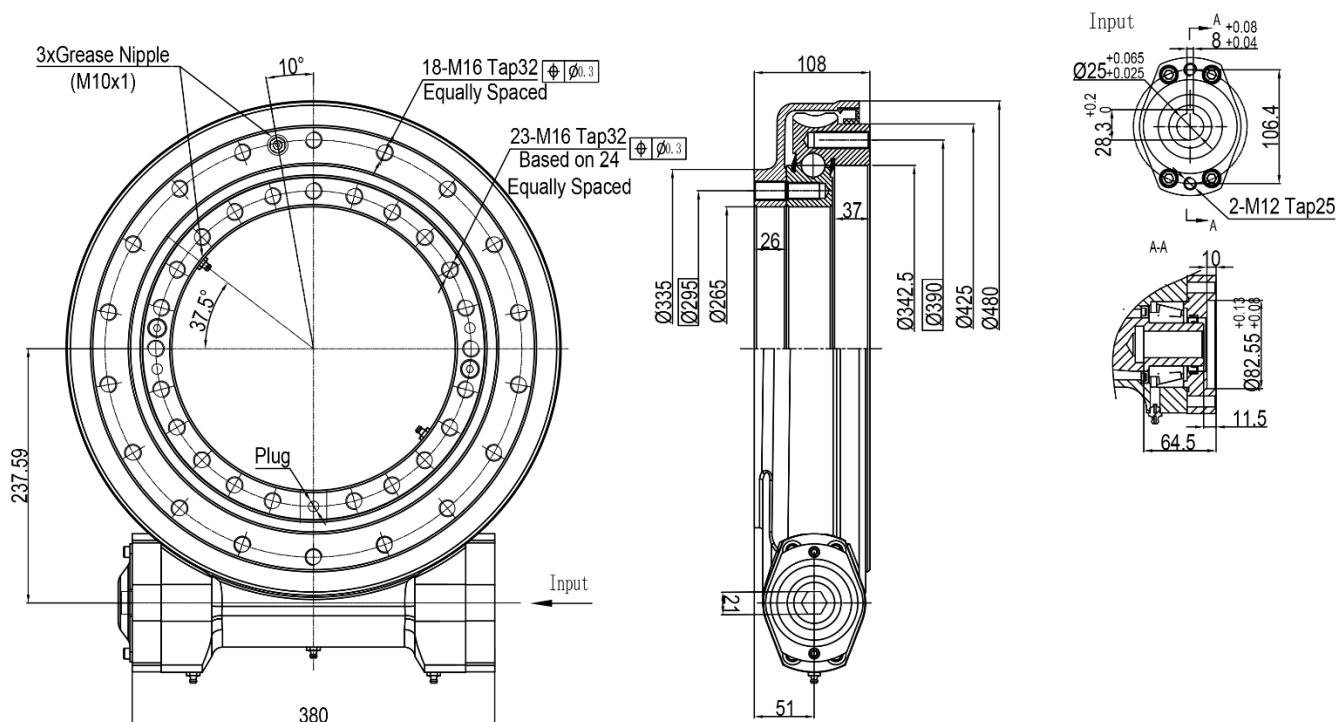
WEA9



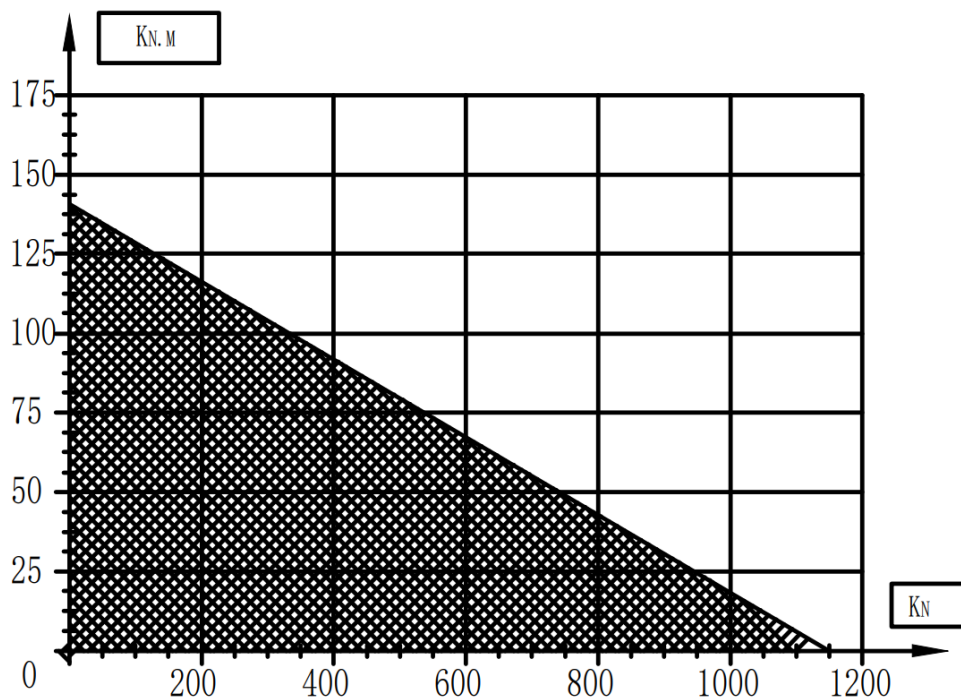
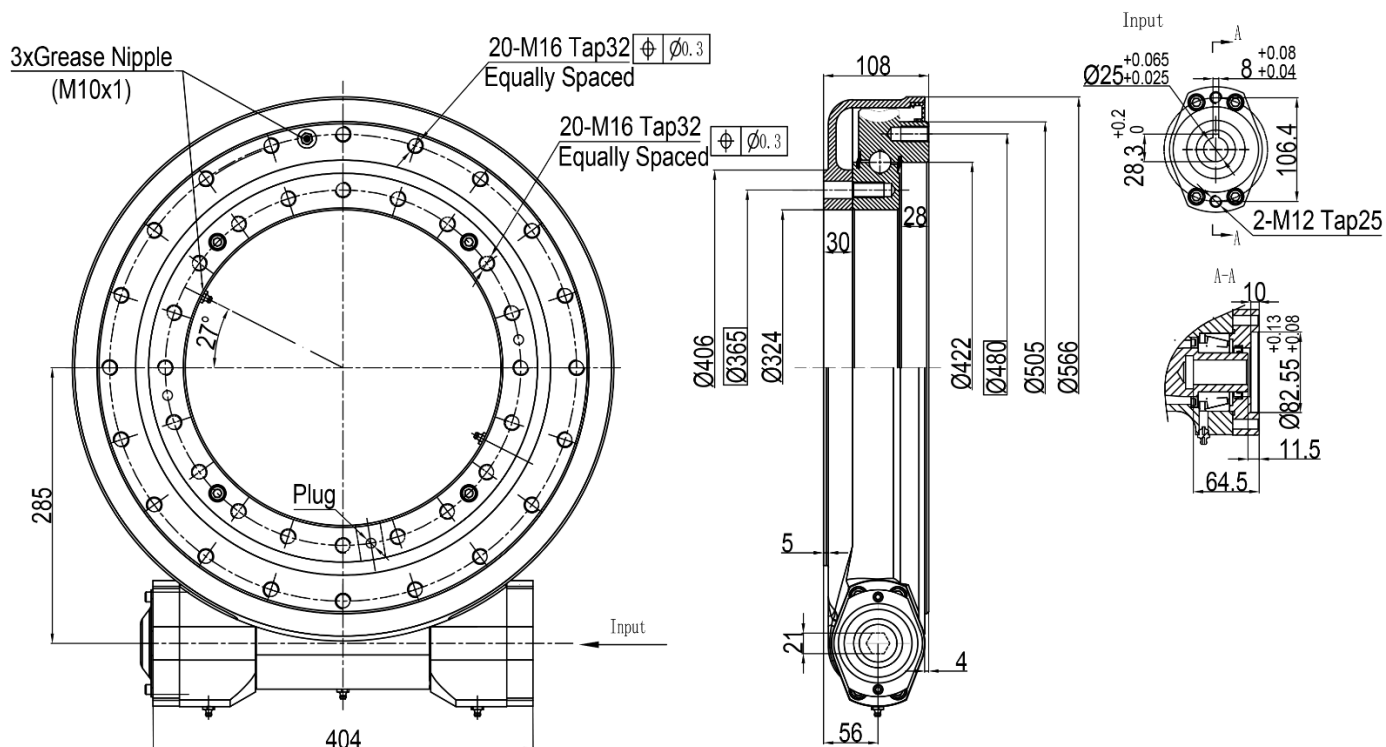
WEA12



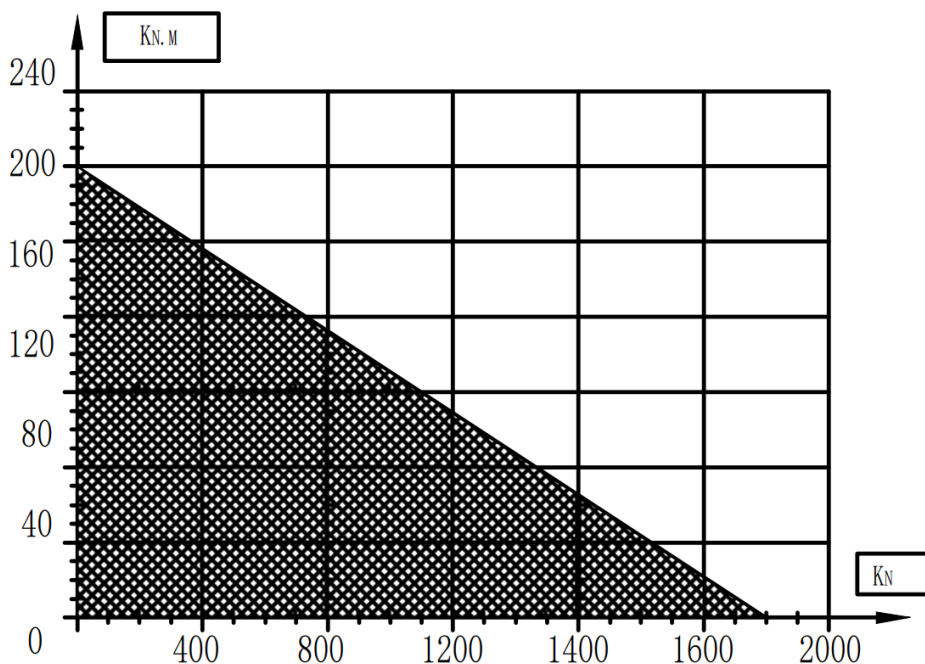
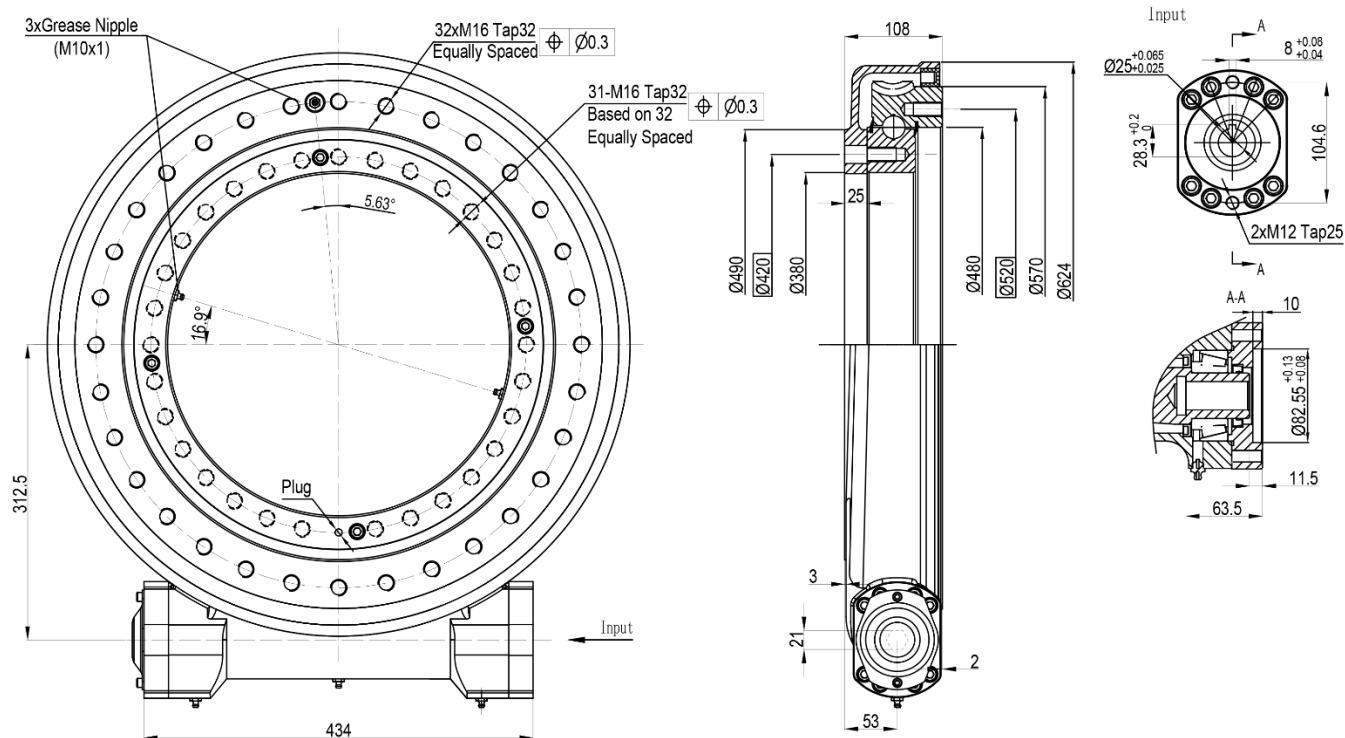
WEA14



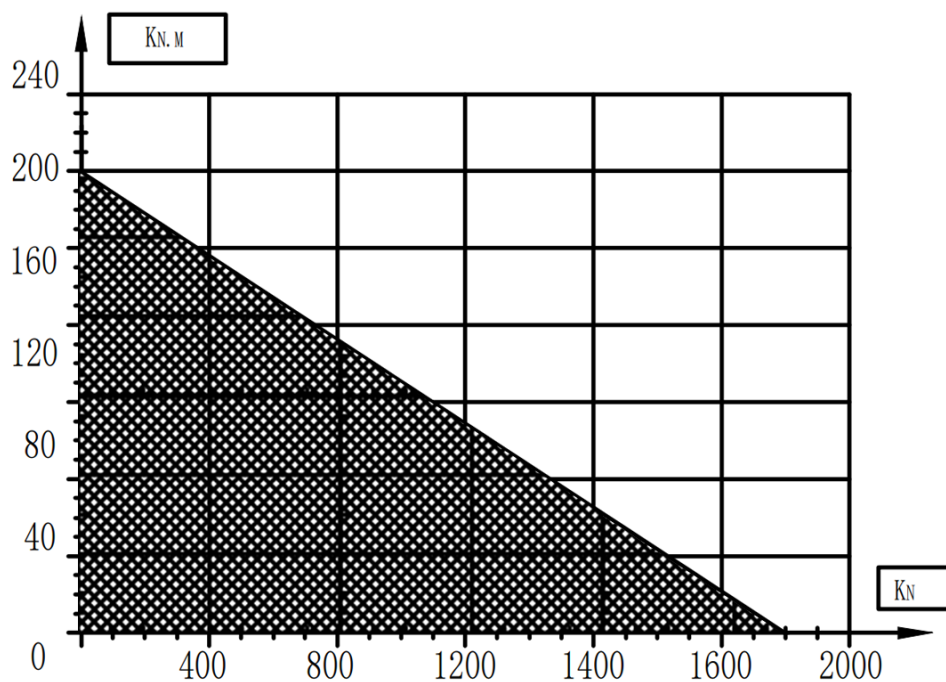
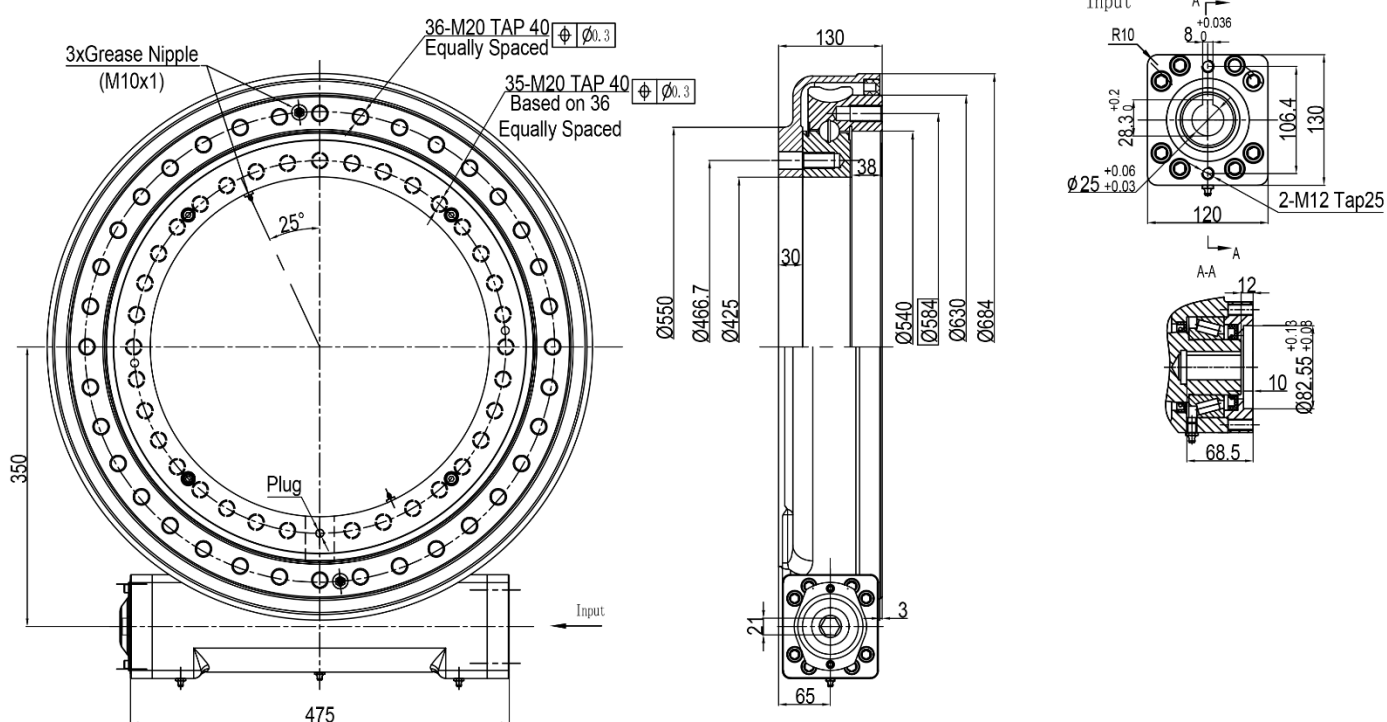
WEA17



WEA19



WEA21



WEA25

