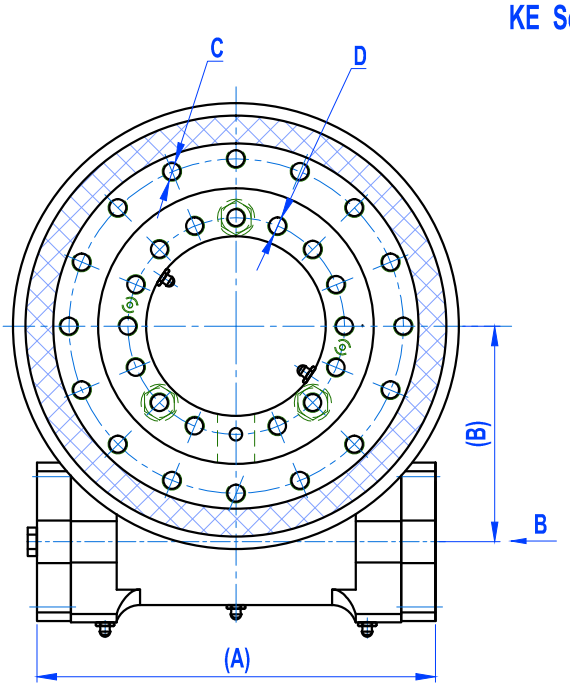
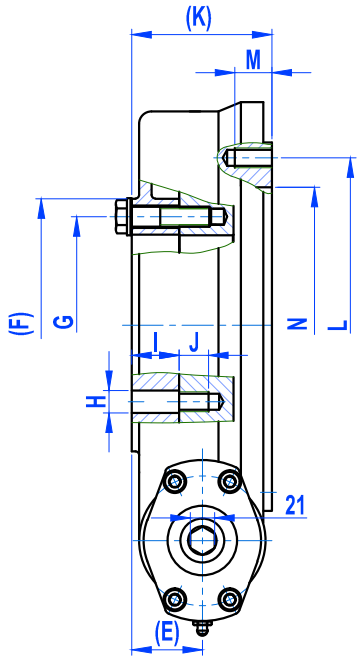
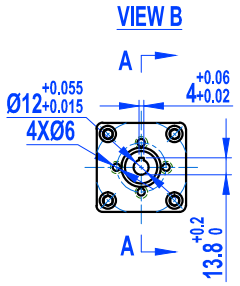
KE Series

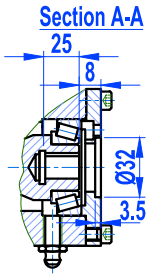


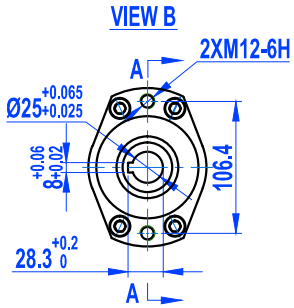
3"~7" Slewing drive

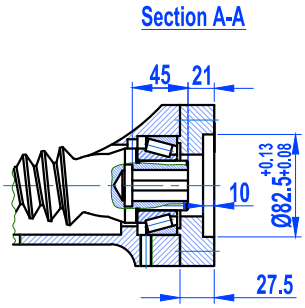


9"~25" Slewing drive









NOTE:The worm input dimension depends on actual customer requirements and specfications.

Mounting Dimension Sheet

UNIT: mm

TYPE	A	B	C	D	E	F	G	H	I	J	K	L	M	N
KE3	164.0	80.0	6xM10 EQS	6xM10 Based on 6 EQS	46.5	ø120	ø100.0			15	109.0	ø100.0	20	
KE5	170.5	93.8	6xM10 EQS	7xM10 Based on 8 EQS	36.0	ø100	ø70.0	ø11	21	20	74.0	ø130.0	20	ø102.3
KE7	234.0	133.2	8xM12 EQS	10xM12 Based on 10 EQS	44.5	ø145	ø120.7	ø14	20	18	90.5	ø203.2	18	ø163.0
KE9	321.7	174.2	16xM16 EQS	15xM16 Based on 16 EQS	57.1	ø204	ø175.0	ø18	38.1	32.9	113.1	ø270.0	44	ø222.5
KE12	341.5	220.0	18xM16 EQS	19xM16 Based on 20 EQS	61.4	ø289	ø259.0	ø18	39.4	44	118.4	ø358.0	32	ø308.5
KE14	347.5	237.6	18xM16 EQS	23xM16 Based on 24 EQS	59.0	ø325	ø295.0	ø18	33	43	117.0	ø390.0	32	ø342.5
KE17	405.0	280.4	20xM16 EQS	20xM16 Based on 20 EQS	57.0	ø406	ø365.1	ø18	34	48	120.0	ø479.4	48	ø440.0
KE21	470.0	345.1	24xM20 EQS	29xM20 Based 0N 30 EQS	60.5	ø534	ø466.7	ø22	32	50	135.0	ø584.2	50	ø525.5
KE25	469.0	401.8	36xM20 EQS	35xM20 Based 0N 36 EQS	76.2	ø628	ø565.0	ø22	47	40	165.0	ø675.0	40	ø620.0

Performance Parameters

DATA / TYPE	Slewing Drive Ratio	Efficiency	Nom. Output Torque	MAX. Output Torque	Holding Torque	Tilting Moment Torque	Static Radial Rating	Static Axial Rating	Dynamic Radial Rating	Dynamic Axial Rating	Self-locking	Torsion Stiffness	Bending Stiffness
			N.m	N.m	N.m	N.m	kN	kN	kN	kN		Nm/mRad	Nm/mRad
KE3	62	30%	590	899	3,000	1,000	16.6	29.4	8.4	9.6		222	106
KE5	62	30%	849	1,274	4,700	3,750	27.1	67.9	14.0	16.5		252	556
KE7	73	30%	2,010	4,020	7,034	13,556	53.3	133.2	27.9	31.9	YES	780	1,900
KE9	61	43%	4,480	8,960	39,083	45,000	135.0	337.4	70.9	81.0		1,125	2,378
KE12	78	43%	5,795	11,590	49,975	54,240	190.3	475.1	99.8	114.0		2,000	4,191
KE14	85	43%	6,497	12,994	54,455	67,800	222.0	555.0	116.6	133.2		3,400	9,224
KE17	102	43%	9,360	18,720	65,633	135,600	390.7	976.8	205.1	234.4		6,400	12,000
KE21	125	43%	16,010	32,020	81,000	203,400	639.4	1,598.5	335.7	383.6		7,500	82,000
KE25	150	43%	24,011	42,995	89,100	271,164	944.0	2,360.0	472.0	590.0		8,400	82,000