

On the dimensions with parenthesis:

- 1) These are for reference only.
- 2) This is a preliminary dimension and may vary in the actual product.
- 3) If this dimension is important to the application, please communicate this back to KMI.

DESIGNED BY	C F	2017/04/05
CHECKED BY	F J	2017/04/05
APPROVED BY	WMS	2017/04/05

KMI GROUP
www.kinematicsmfg.com

ALL PROPRIETARY RIGHTS IN THE SUBJECT MATTER HEREOF ARE RESERVED, AND NO PERMISSION IS GRANTED TO REPRODUCE THIS PRINT IN WHOLE OR IN PART, OR TO DISCLOSE ANY OF THE INFORMATION TO OTHERS.	WEIGHT	SCALE
	43.422 Kg	1:3

SLEWING DRIVE

SYMBOL ISO	SIZE	A3	SHEET	1/3
		THE TOLERANCE NOT MENTIONED IS REFERRED TO ISO2768-VL, CASTING TOLERANCE ISO 8062-CT10		

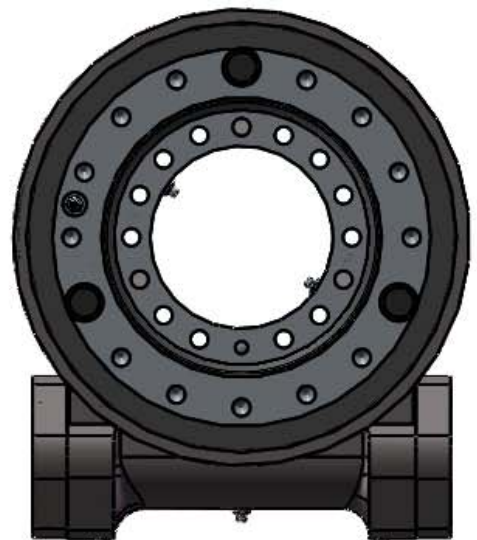
KE9C-61MHA-25MLC-R1-PKMI

REV
B

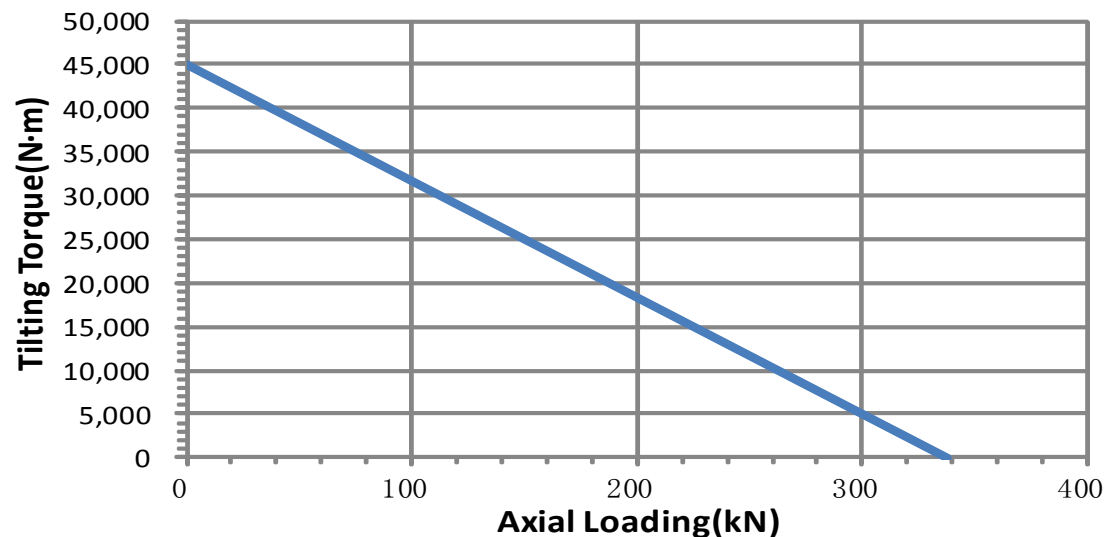
SLEWING DRIVES PERFORMANCE DATA

Model Code : KE9C-61MHA-25MLC-R1-PKMI

Slew Drive Working Parameters		Motor Parameters	
Slewing Drive Ratio	61:1	Type Code	
Normal Output Torque	4,480 N·m	Rated Speed	RPM
Max. Output Torque(3 Sec.)	8,960 N·m	Rated Torque	N.m
Output Rated Speed		Peak Torque	N.m
Efficiency	43%	Rated voltage	VDC
Working Temperature Range	- 20°C to +80°C	Rated Current	A
International Protection (IP)	55	IP	

Slewing Drive Capability					3D View
Torsion Stiffness	1,125	Nm/mRad	Bending Stiffness	2,378	Nm/mRad
Normal Output Torque	4,480	N·m	3,304	ft·lb	
Max. Output Torque(3 Sec.)	8,960	N·m	6,609	ft·lb	
Backwards Holding Torque	39,083	N·m	28,828	ft·lb	
Tilting Torque	45,000	N·m	33,192	ft·lb	
Static Radial Rating	134.98	kN	30,344	lb	
Static Axial Rating	337.44	kN	75,857	lb	
Dynamic Radial Rating	70.86	kN	15,929	lb	
Dynamic Axial Rating	80.99	kN	18,207	lb	

Tilting Torque VS Axial Loading



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	43.422 Kg	1:1
SYMBOLS ISO	SIZE	A3
	SHEET	3/3
	<small>THE TOLERANCE NOT MENTIONED IS REFERRED TO ISO2768-VL,CASTING TOLERANCE ISO 8062-CT10</small>	

SLEWING DRIVE

KE9C-61MHA-25MLC-R1-PKMI

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