

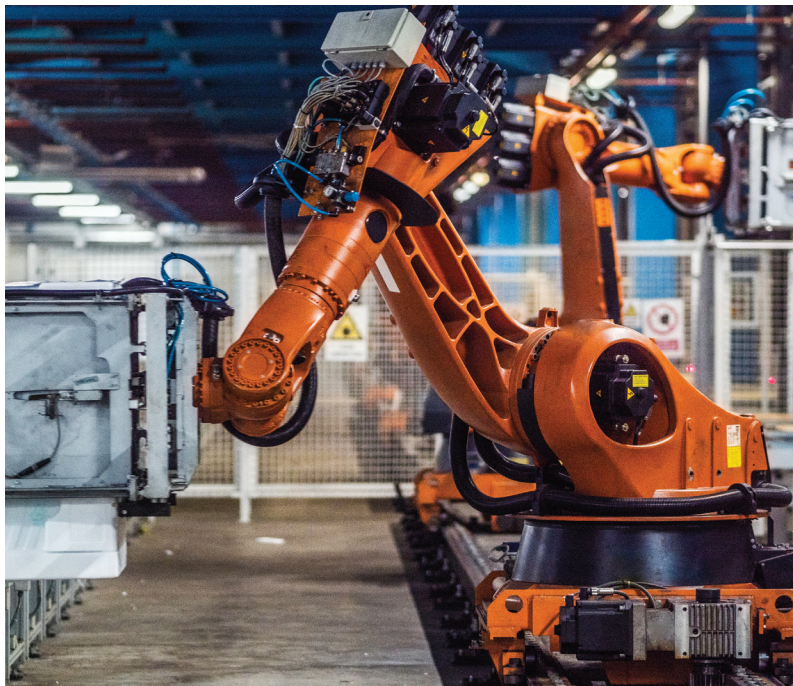
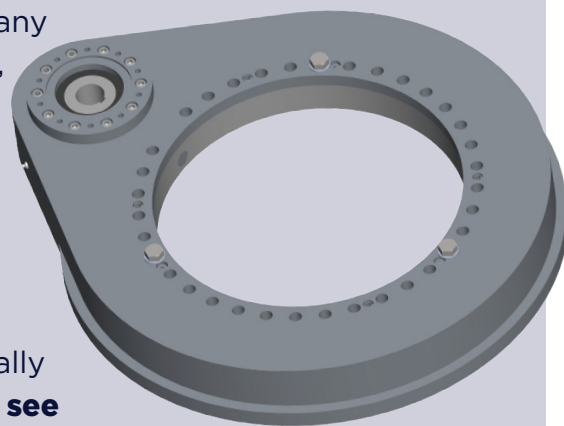


Kinematics

Your Smart Torque Technology Partner

NEW
Kinematics
PINION
GEAR BOXES

The all new **KPE series Pinion Gear Box** is a high speed, high torque gearbox for heavy duty applications. Typical uses for the KPE pinion gear box include many mobile applications such as digger derricks, grapplers, steering applications, turntables and excavator attachments. Our base models deliver performance ranges from 5,462Nm to 42,279Nm of output torque, 32,000Nm to 148,000Nm of tilting torque, when combined with a hydraulic brake, holding torque capabilities up to 10,622Nm to 45,279Nm and an output speed up to 60 RPM. The mounting can be done horizontally or vertically. **Contact one of our representatives today to see how our products fit into your application!**



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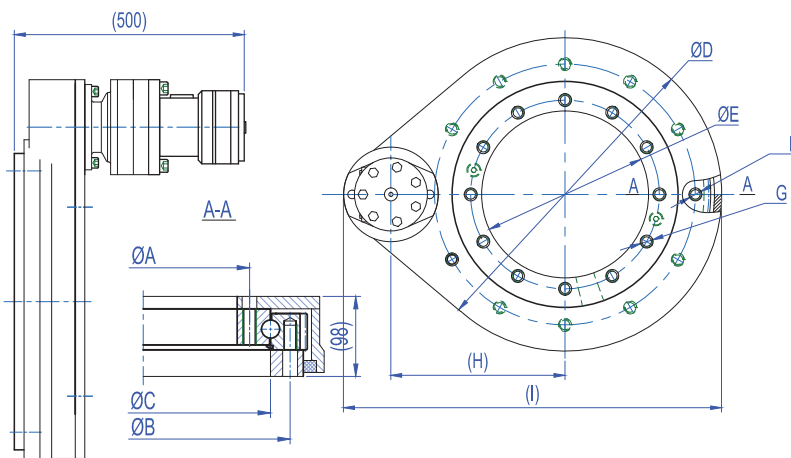
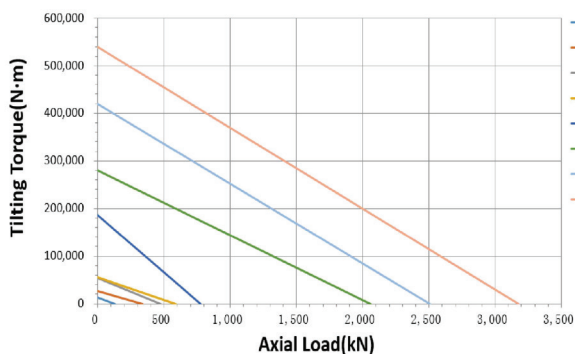
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TYPE	DATA	Module	Number of teeth wheel	Number of teeth pinion	MAX. Output Speed	Nom. Output Torque	MAX. Output Torque	MAX. Static Torque	Tilting Moment Torque	Static Radial Rating	Static Axial Rating	Dynamic Radial Rating	Dynamic Axial Rating	Self-locking	Weight
		mm			rpm	N.m	N.m	N.m	kN.m	kN	kN	kN	kN		kg
						ft.lbs	ft.lbs	ft.lbs	ft.lbs	lbs	lbs	lbs	lbs		
KPE7		6	67	15	<60	1,850	3,500	4,550	14	53	133	28	32	Option With Brake	20
						1,364	2,581	3,355	9,956	11,959	29,943	6,272	7,171		
KPE9		6	67	15	<60	4,200	5,015	6,520	27	135	337	70	81		56
						3,097	3,698	4,808	19,912	30,348	75,758	15,736	18,209		
KPE12		6	67	15	<60	5,795	6,462	7,694	54	190	475	99	114		62
						4,274	4,765	5,674	39,823	42,712	106,780	22,255	25,627		
KPE17		6	83	15	<60	7,892	10,482	12,482	56	253	591	156	296		85
						5,820	7,730	9,205	41,298	56,874	132,857	35,069	66,541		
KPE21		6	105	15	<60	10,300	13,500	15,600	186	333	778	174	367		140
						7,596	9,956	11,504	137,168	74,858	174,894	39,115	82,502		
KPE25		8	98	15	<60	25,000	37,000	37,000	280	939	2,061	439	1,020		260
						18,437	27,286	27,286	206,490	211,087	463,313	98,687	229,296		
SPE30		8	110	15	<60	28,204	42,279	42,279	420	1,003	2,507	501	1,253		330
						20,799	31,179	31,179	309,735	225,429	563,574	112,625	281,674		
SPE38		8	134	15	<60	36,380	54,570	54,570	540	1,272	3,180	636	1,590		355
						26,834	40,251	40,251	398,230	285,946	714,864	142,973	357,432		

Tilting Torque VS Axial Load



Mounting Dimension Sheet

TYPE		A	B	C	D	E	F	G	H	I	J
KPE7	mm	125	196	162	274	100	8xM12 EQS	8xM12 EQS	147.2	354	83
	inch	4.92	7.72	6.38	10.79	3.94			5.80	13.94	3.27
KPE9	mm	175	270	228	360	145	12xM16 EQS	12xM16 EQS	203.85	468.85	98
	inch	6.89	10.63	8.98	14.17	5.71			8.03	18.46	3.86
KPE12	mm	265	360	310	458	236	12xM16 EQS	12xM16 EQS	248.88	580.88	98
	inch	10.43	14.17	12.20	18.03	9.29			9.80	22.87	3.86
KPE17	mm	360	455	408	556	330	12xM16 EQS	16xM16 EQS	296.9	677.9	98
	inch	14.17	17.91	16.06	21.89	12.99			11.69	26.69	3.86
KPE21	mm	495	590	542.5	706	466	18xM16 EQS	20xM16 EQS	362.91	853.91	110
	inch	19.49	23.23	21.36	27.80	18.35			14.29	33.62	4.33
KPE25	mm	590	715	650	880	540	30xM20 EQS	35xM20 EQS	455.88	1,034	126
	inch	23.23	28.15	25.59	34.65	21.26			17.95	40.71	4.96
SPE30	mm	695	816	757	930	650	24xM20 EQS	24xM20 EQS	503.9	1,107	128
	inch	27.36	32.13	29.80	36.61	25.59			19.84	43.58	5.04
SPE38	mm	880	1,015	957	1,140	830	30xM24 EQS	30xM24 EQS	603.7	1,312	128
	inch	34.65	39.96	37.68	44.88	32.68			23.77	51.65	5.04