

Technical Parameters										
Model		KZF065	KZF085	KZF115	KZF142	KZF180	KZF220	Ratio	Stage	
Rotational Inertia	kg·cm	1.3	3.16	7.70	23.57	58.99	195.4	1	1	
		1.11	2.7	6.31	17.75	45.35	140.24	2		
		1.09	2.68	6.26	17.54	44.86	135.7	2.5		
		1.09	2.66	6.17	17.18	44.01	134.95	3		
		0.093	0.52	1.79	7.75	23.67	54.37	4	2	
		0.078	0.45	1.53	6	22.75	53.27	5		
		0.07	0.42	1.5	5.52	22.48	50.84	6		
		0.069	0.4	1.4	5.1	22.48	50.84	7		
		0.065	0.39	1.32	3.74	22.59	50.84	8		
		0.065	0.39	1.32	3.62	22.59	50.84	9		
		0.065	0.39	1.32	3.62	22.55	50.56	10		
		0.105	0.67	1.63	10.1	18.98	59.61	12		
		0.088	0.5	1.75	7.47	7.54	23.67	16		
		0.075	0.44	1.53	6.65	7.42	22.75	20		
		0.075	0.44	1.49	5.81	7.54	22.75	25		
		0.064	0.39	1.32	6.34	7.14	22.59	32		3
		0.064	0.39	1.32	5.36	7.14	22.59	40		
		0.064	0.39	1.32	4.08	7.54	22.59	64		
		0.075	0.5	1.53	7.4	7.54	22.75	80		
		0.064	0.44	1.49	7.3	7.42	22.59	100	4	
		0.064	0.7	2.57	7.3	7.42	22.75	125		
		0.064	0.39	1.3	6.5	7.14	22.75	160		
		0.064	0.39	1.3	6.5	7.14	22.75	200		
		0.064	0.39	1.3	6.5	7.14	22.75	256		
0.064	0.39	1.3	6.5	7.14	22.75	320				
0.064	0.39	1.3	6.5	7.14	22.59	512				
Backlash		≤3	≤3	≤3	≤3	≤3	≤3	Precision	1	
		≤6	≤6	≤6	≤6	≤6	≤6	Standard		
		≤5	≤5	≤5	≤5	≤5	≤5	Precision	2	
		≤8	≤8	≤8	≤8	≤8	≤8	Standard		
	arcmin	≤7	≤7	≤7	≤7	≤7	≤7	≤7	Precision	3
		≤10	≤10	≤10	<10	<10	<10	<10	Standard	
		≤9	≤9	≤9	≤9	<9	<9	<9	Precision	4
		≤12	≤12	≤12	≤12	≤12	≤12	≤12	Standard	
Torsional	Nm/arcmin	3	4.8	10	28.7	120	200			
¹ Noise	dB(A)	63	65	68	70	72	75			
² Max Input Speed	min	6000	6000	6000	6000	4000	3000			
² Rated Input Speed	min	4000	3000	3000	3000	2000	1500			
Description										
The subscript "1"the environment temperature is 20°C. The subscript"2"sound in n1<3000min ⁻¹ ,measured at 1m.										

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Model		KZF065	KZF085	KZF115	KZF142	KZF180	KZF220	Ratio	Stage
Rated Output Torque	N·m	28	78	150	360	585	1300		1
		22	68	150	332	585	1220	2	
		17	60	137	316	512	1020	2.5	
		15	54	120	270	450	800	3	
		52	145	300	550	1250	1800	4	2
		55	155	320	650	1200	2050	5	
		50*	145*	300*	610*	1000*	1850*	6	
		50*	135	290*	540	1000	1750*	7	
		45	115	255	510*	1000*	1550	8	
		42	105*	220*	440	910	1500*	9	
		42	105	220	440	910	1500	10	3
		56	125	310	500	650	1200		
		52	145	300	550	1250	1800	16	
		55	145	300	650	1200	2050	20	
		55	155	320	650	1200	2050	25	
		52	145	305	550*	1250*	1800*	32	
		55	155	320	550*	1200*	2050*	40	
		45	115	255	510/63	1000/63	1550	64	
		52	155	320	650	1200	2050	80	4
		52	155	320	650	1200	2050	100	
52	155	320	650	1200	2050	125			
52	155	320	650	1200/140	2050/140	160			
52	155			1200/180	2050/180	200			
52	155	320	650/224	1200/252	2050/252	256			
52	155	320	650/280	1200/315	2050/315	320			
45	115	255	510/504	1000/441	1550/504	512			
Emergency Stop Torque	N·m	Triple rated output torque							
1Max Radial	N	1500	3200	6700	9600	14000	16000		
Max Axial	N	760	1600	3300	4800	7000	8000		
Tilt Moment	Nm	40	90	150	480	1300	1800		
Full Loading Efficiency	%	98							1
		96							2
		94							3
		92							4
Lifetime	h	20000							
Weight	kg	2	4.4	10	16	38	55		1
		2.3	5.4	12	23	45	68		2
		2.8	6.8	15	31	50	78		3
		3.4	8	18	40	56	85		4

Description

The subscript "1" in the output speed of 100RPM, in the center of the output shaft position (L/2) permissible radial force and axial force.

The angle label "2" outputs the data when the speed is 100 rpm, and there is a deviation when the working condition is changed

Note: with "*" is not commonly used speed ratio, in the table there are 2 groups of digital representation of the torque corresponding to the actual speed ratio

The maximum acceleration torque is equal to 180% of the rated torque