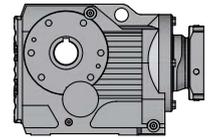


K-125

Technical Data



Ratio	n_{1N}	n_{1Max}	T_{2N}	T_{2Max}	T_{2E}	F_{2RMaxP}	J	C	C	$\Delta\phi$	η	M
	(1)	(2)	(3)	(4)	(5)	(7)	(8)	(6)	(7)	[arcmin]	[%]	[Kg]
	[rpm]	[rpm]	[N·m]	[N·m]	[N·m]	[N]	[Kg·cm ²]	[Nm/arcmin]	[Nm/arcmin]			
8.68	1400	2797	7230	8315	12291	32500	450.0	967	1033	8	96	412 - 552
10.74	1400	3197	8000	9200	13600	33900	318.0	967	1033	8	96	412 - 552
12.79	1400	3597	8530	9810	14501	35400	240.0	967	1033	8	96	412 - 552
14.35	1400	2797	12100	13915	20570	31800	431.0	1075	1157	6	96	412 - 552
17.77	1400	3197	13000	14950	22100	33600	305.0	1075	1157	6	96	412 - 552
21.15	1400	3597	13000	14950	22100	37200	226.0	1075	1157	6	96	412 - 552
23.91	1400	3924	13000	14950	22100	39800	187.0	1075	1157	6	96	412 - 552
27.68	1400	4378	13000	14950	22100	43000	148.0	1075	1157	6	96	412 - 552
31.37	1400	4500	13000	14950	22100	45900	120.0	1075	1157	6	96	412 - 552
36.25	1400	4500	13000	14950	22100	49400	97.0	1075	1157	6	96	412 - 552
40.19	1400	3197	13000	14950	22100	52000	184.0	1131	1223	5	94	412 - 552
47.82	1400	3597	13000	14950	22100	56500	146.0	1131	1223	5	94	412 - 552
54.07	1400	3924	13000	14950	22100	59900	124.0	1131	1223	5	94	412 - 552
62.60	1400	4378	13000	14950	22100	64000	101.0	1131	1223	5	94	412 - 552
70.95	1400	4500	13000	14950	22100	67700	84.0	1131	1223	5	94	412 - 552
81.98	1400	4500	13000	14950	22100	72100	70.0	1131	1223	5	94	412 - 552
89.89	1400	4500	13000	14950	22100	75100	61.0	1131	1223	5	94	412 - 552
110.18	1400	4500	13000	14950	22100	79200	40.0	1131	1223	5	94	412 - 552
122.48	1400	4500	13000	14950	22100	79200	35.0	1131	1223	5	94	412 - 552
136.14	1400	4500	13000	14950	22100	79200	29.0	1131	1223	5	94	412 - 552
146.07	1400	4500	13000	14950	22100	79200	26.0	1131	1223	5	94	412 - 552

- (1) Rated input speed.
- (2) Maximum Input Speed.
- (3) T_{2N} value is calculated at n_{1n} , continuous duty cycle, uniform operation, $KA=1$ and unlimited theoretical life time as per ISO-6336 (NL>N001 in the Woehler line). The application factor KA according to DIN-3990-1 must be considered for each duty cycle and machine type.
- (4) T_{2Max} only for very short time intervals.
- (5) Up to 1000 times during the gearbox's lifetime.
- (6) For gearboxes with flange and hollow output shaft.
- (7) For gearboxes without flanges and with solid output shaft.
- (8) Varies depending on input.