

Nord Gearbox Ratings

See Nord's website for more details and latest information

Values below are for service factor of 1.0, see Nord literature for details on service factor calculation.

Section	109
Effective	May 2024
Replaces	New

		For 60 Hz Motors					
		1750 Motor RPM			1150 Motor RPM		
		Ratio	Speed (rpm)	Pump Torque (lb-in)	Pump HP Max	Speed (rpm)	Pump Torque (lb-in)
SK 171.1-W	4.8	365	301	1.7	240	301	1.1
	3.46	506	398	3.2	332	398	2.1
	2.71	646	398	4.1	425	398	2.7
	1.96	894	443	6.3	587	443	4.1
	1.15	1517	336	8.1	997	336	5.3
	1.07	1629	319	8.2	1071	319	5.4
SK 571.1-W	9.5	184	460	1.3	121	460	0.9
	7.4	236	637	2.4	155	637	1.6
	6	292	797	3.7	192	797	2.4
	5.46	320	903	4.6	211	903	3.0
	4.38	399	1106	7.0	262	1106	4.6
	3.42	512	1213	9.9	337	1213	6.5
	2.82	621	1460	14.4	408	1460	9.5
	2.5	700	1460	16.2	460	1460	10.7
SK 771.1-W	2.23	784	1407	17.5	516	1407	11.5
	8.5	206	1097	3.6	135	1097	2.3
	7.69	228	1301	4.7	150	1301	3.1
	6.23	281	1522	6.8	185	1522	4.5
	5.41	324	1452	7.5	213	1452	4.9
	4.96	353	1841	10.3	232	1841	6.8
	4.14	423	2098	14.1	278	2098	9.3
	3.75	467	2337	17.3	307	2337	11.4
	3.38	517	2283	18.7	340	2283	12.3
	2.65	659	2753	28.8	433	2753	18.9
SK 871.1-W	2.15	813	2469	31.8	534	2469	20.9
	7.18	244	2478	9.6	160	2478	6.3
	5.27	332	3186	16.8	218	3186	11.0
	4.29	408	3186	20.6	268	3186	13.5
	3.88	450	3186	22.7	296	3186	15.0
	3.42	512	3540	28.8	337	3540	18.9
SK 971.1-W	2.5	700	3540	39.3	460	3540	25.8
	6.82	257	4779	19.5	169	4779	12.8
	5.94	295	5310	24.9	194	5310	16.3
	5.5	318	4248	21.4	209	4248	14.1
	5.04	347	4779	26.3	228	4779	17.3
	4.42	396	5310	33.4	260	5310	21.9
	4.04	433	5310	36.5	285	5310	24.0
	3.67	477	5310	40.2	314	5310	26.5
	3.31	529	5310	44.6	348	5310	29.3
SK 1071.1-W	2.86	611	5310	51.5	402	5310	33.9
	8.09	216	6284	21.5	142	6284	14.2
	6.5	269	6284	26.8	177	6284	17.6
	5.29	331	7877	41.4	217	7877	27.1
	4.77	367	7877	45.9	241	7877	30.1
	4.42	396	8851	55.6	260	8851	36.5
	3.96	442	8851	62.1	290	8851	40.7
	3.45	508	8851	71.3	334	8851	46.9
3.04	576	8851	80.9	379	8851	53.2	

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For 60 Hz Motors (continued)							
1750 Motor RPM				1150 Motor RPM			
Ratio	Speed (rpm)	Pump Torque (lb-in)	Pump HP Max	Speed (rpm)	Pump Torque (lb-in)	Pump HP Max	
SK 52-W	2.78	629	7859	78.4	413	7859	51.5
	3.23	542	8487	73.0	356	8487	48.0
	3.4	515	8930	73.0	338	8930	48.0
	3.67	477	9354	70.8	313	9354	46.5
	4.08	429	9974	67.9	282	9974	44.6
	4.38	400	11248	71.4	263	11248	46.9
	4.61	380	10576	63.8	250	10576	41.9
	5.08	344	12080	65.9	226	12080	43.3
SK 62-W	4.56	384	18417	112.2	252	18417	73.7
	6.35	276	17081	74.8	181	17081	49.2
	7.56	231	27612	101.2	152	27612	66.5
	8.78	199	26656	84.2	131	26656	55.3
	10.55	166	27373	72.1	109	27373	47.4
	11.59	151	27231	65.2	99	27231	42.9
SK 72-W	5.6	312	25054	124.0	205	25054	81.5
	6.42	273	24515	106.2	179	24515	69.8
	6.95	252	37984	151.9	166	37984	99.8
	8.19	214	41214	139.9	141	41214	92.0
	9.46	185	41666	122.3	122	41666	80.4
	10.84	161	41391	105.7	106	41391	69.5
SK 92-W	7.78	225	53852	192.3	148	53852	126.3
	10.5	167	89491	237.1	110	89491	155.8
	12.39	141	93739	209.7	93	93739	137.8
	14.36	122	95350	184.6	80	95350	121.3
	16.47	106	93925	158.0	70	93925	103.8



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Section	109
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Replaces	New

		For 50 Hz Motors					
		1450 Motor RPM			950 Motor RPM		
	Ratio	Speed (rpm)	Pump Torque (lb-in)	Pump HP Max	Speed (rpm)	Pump Torque (lb-in)	Pump HP Max
SK 171.1-W	4.8	302	301	1.4	198	301	0.9
	3.46	419	398	2.6	275	398	1.7
	2.71	535	398	3.4	351	398	2.2
	1.96	741	443	5.2	485	443	3.4
	1.15	1257	336	6.7	824	336	4.4
	1.07	1350	319	6.8	884	319	4.5
SK 571.1-W	9.5	152	460	1.1	100	460	0.7
	7.4	196	637	2.0	128	637	1.3
	6	242	797	3.1	159	797	2.0
	5.46	265	903	3.8	174	903	2.5
	4.38	331	1106	5.8	217	1106	3.8
	3.42	424	1213	8.2	278	1213	5.3
	2.82	515	1460	11.9	337	1460	7.8
	2.5	580	1460	13.4	380	1460	8.8
2.23	650	1407	14.5	426	1407	9.5	
SK 771.1-W	8.5	171	1097	3.0	112	1097	1.9
	7.69	189	1301	3.9	124	1301	2.6
	6.23	233	1522	5.6	153	1522	3.7
	5.41	268	1452	6.2	176	1452	4.1
	4.96	292	1841	8.5	192	1841	5.6
	4.14	350	2098	11.7	230	2098	7.6
	3.75	387	2337	14.3	254	2337	9.4
	3.38	428	2283	15.5	281	2283	10.2
	2.65	546	2753	23.9	358	2753	15.6
	2.15	674	2469	26.4	441	2469	17.3
SK 871.1-W	7.18	202	2478	7.9	132	2478	5.2
	5.27	275	3186	13.9	180	3186	9.1
	4.29	338	3186	17.1	221	3186	11.2
	3.88	373	3186	18.8	244	3186	12.3
	3.42	424	3540	23.8	278	3540	15.6
	2.5	580	3540	32.6	380	3540	21.3
SK 971.1-W	6.82	213	4779	16.1	140	4779	10.6
	5.94	244	5310	20.6	160	5310	13.5
	5.5	263	4248	17.8	173	4248	11.6
	5.04	288	4779	21.8	188	4779	14.3
	4.42	328	5310	27.6	215	5310	18.1
	4.04	359	5310	30.2	235	5310	19.8
	3.67	395	5310	33.3	259	5310	21.8
	3.31	438	5310	36.9	287	5310	24.2
2.86	506	5310	42.7	332	5310	27.9	
SK 1071.1-W	8.09	179	6284	17.8	117	6284	11.7
	6.5	223	6284	22.2	146	6284	14.6
	5.29	274	7877	34.3	180	7877	22.5
	4.77	304	7877	38.0	199	7877	24.9
	4.42	328	8851	46.1	215	8851	30.2
	3.96	366	8851	51.4	240	8851	33.7
	3.45	421	8851	59.1	276	8851	38.7
	3.04	477	8851	67.0	313	8851	43.9



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For 50 Hz Motors (continued)							
	Ratio	1450 Motor RPM			950 Motor RPM		
		Speed (rpm)	Pump Torque (lb-in)	Pump HP Max	Speed (rpm)	Pump Torque (lb-in)	Pump HP Max
SK 52-W	2.78	521	7859	65.0	341	7859	42.6
	3.23	449	8487	60.5	294	8487	39.6
	3.4	427	8930	60.5	280	8930	39.6
	3.67	395	9354	58.7	259	9354	38.4
	4.08	355	9974	56.3	233	9974	36.9
	4.38	331	11248	59.1	217	11248	38.8
	4.61	315	10576	52.8	206	10576	34.6
	5.08	285	12080	54.6	187	12080	35.8
SK 62-W	4.56	318	18417	93.0	208	18417	60.9
	6.35	229	17081	62.0	150	17081	40.6
	7.56	191	27612	83.9	125	27612	54.9
	8.78	165	26656	69.7	108	26656	45.7
	10.55	138	27373	59.7	90	27373	39.1
	11.59	125	27231	54.1	82	27231	35.4
SK 72-W	5.6	259	25054	102.8	169	25054	67.3
	6.42	226	24515	88.0	148	24515	57.6
	6.95	209	37984	125.8	137	37984	82.4
	8.19	177	41214	116.0	116	41214	76.0
	9.46	153	41666	101.3	100	41666	66.4
	10.84	133	41391	87.6	87	41391	57.4
SK 92-W	7.78	186	53852	159.3	122	53852	104.4
	10.5	138	89491	196.5	91	89491	128.7
	12.39	117	93739	173.8	77	93739	113.8
	14.36	101	95350	152.9	66	95350	100.2
	16.47	88	93925	130.9	58	93925	85.8

