

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 60 Hz Motors



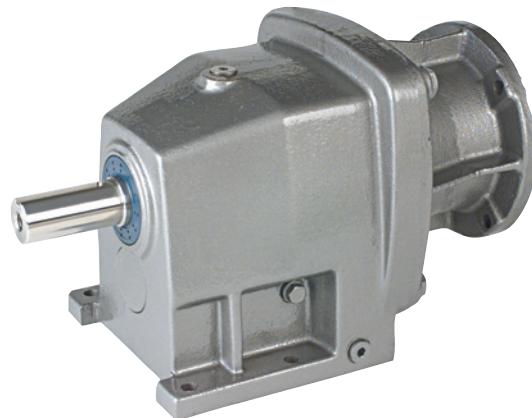
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MAJOR DESIGN FEATURES

- Two Nord reducers series available:
Helical In-Line & Nordbloc.1®
- 31 different sizes available:
Helical In-Line, 17 sizes and Nordbloc.1®, 14 sizes
 - » All sizes available with a variety of ratios,
double & triple reduction
- Universal Mounting
 - » Solid input shaft
 - » Flange mount C face with compact coupling design
(NEMA or IEC)
- Modular design, up to 98.5% efficient
- Heavy Duty Unicase™ one piece housing
- Gears are case-hardened steel designed and manufactured to AGMA Class 13
- Autovent™ Breather
- Quadrilip™ Sealing System
- Helical In-Line sizes SK02 – SK103, class 35 grey cast iron with stainless steel paint
- Nordbloc.1® sizes SK072.1 – SK672.1 corrosion resistant alloy (unpainted), SK772.1 – SK973.1 class 35 grey cast iron with stainless steel paint
- All units come factory filled with Mobil SHC630 synthetic oil



RELATED PRODUCTS

Parts & Accessories, Nord 50Hz Motors: Catalog Section 1989

Parts & Accessories, A-B-C Reducers: Catalog Section 1984

OPERATING RANGE

Gear Ratio Range	Output Speeds (with 1750 rpm input)	Reducer Horsepower Range:
From 2.1:1 to 45.9:1 (varies by reducer size)	819 to 36 rpm (varies by reducer size)	0.5 HP to 200 HP

Nordbloc.1® is a registered trademark of NORD Gear Corporation

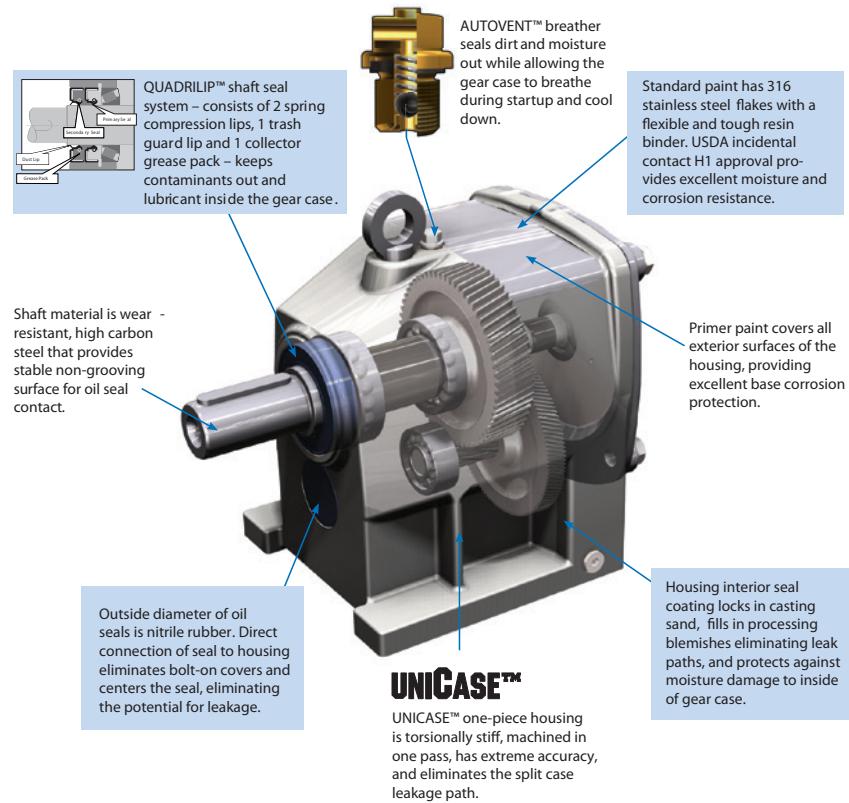
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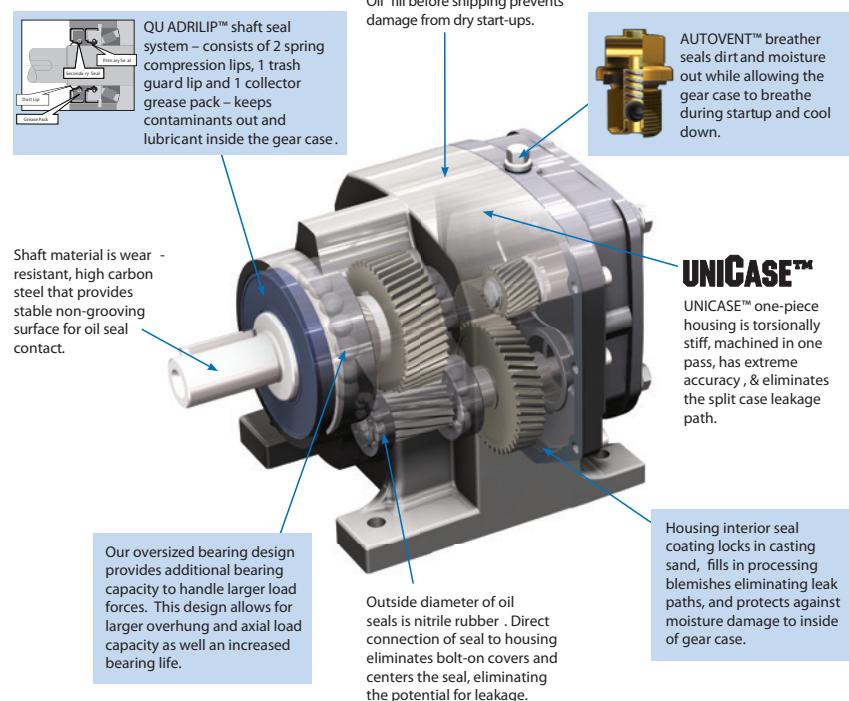


HELICAL IN-LINE STANDARD FEATURES



NORDBLOC.1® STANDARD FEATURES

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Additional options may be available beyond those shown in this catalog section.
Please consult factory for additional information.

SELECTING THE CORRECT NORD REDUCER

- Determine the actual horsepower or kW requirements of the application from the pump performance curve, which can be electronically generated with the Viking Pump curve generator, located on www.vikingpump.com, or specifications from other equipment.
- Based on the horsepower or kW requirement, go to the closest higher HP or kW page.

Example:

For a 7.1 HP requirement, go to the 7.5 HP catalog page. Then find the reducer which most closely matches your speed requirements.

- Make sure the service factor for the reducer selected is greater than the service factor from the Service Factor Table on page 6. The Service Factory Table provides different service factors based on the length of service per day, the load classification (uniform, moderate, shock, heavy shock) and the type of drive. A table of driven load classifications is also included on page 616.6 to help determine the service factor to use.
- Next, determine the part number of the Nord reducer. Part numbers can be created from the catalog pages (examples below).

Note: the “-“ is required between each field.

Examples:

- a. Reducer: 510 RPM output speed, solid input shaft. Part # = SK92-W-3.51

Part Number			Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	Duty (Constant)	
SKxxx	-XX-	X.XX					
1	2	3				60Hz (rpm)	12Hz (rpm)
4-Pole 1750 RPM							
Output Speed (rpm)	Service Factor						
510	2.3	SK92			3.51	510	102
418	3.2	SK102			4.28	418	84
342	2.9	SK102			5.23	342	68
315	1.8	SK92			5.68	315	63
287	2.6	SK102			6.24	287	57
267	1.7	SK92			6.7	267	53
239	2.2	SK102			7.5	239	48
180	2.2	SK102			9.96	180	36
170	1.4	SK92			10.5	170	34
151	1.9	SK102			11.88	151	30
125	1.7	SK102			14.29	125	25
108	1.5	SK102			16.63	108	22

¹ Reducer Input Options
Weights (lb)

-W- Solid Shaft Input Reducer

W

SK92	787
SK102	1810

- b. Reducer: 528 RPM output speed, 184TC frame motor. Part # = SK572.1-N180TC-3.27

Part Number			Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	5:1 Inverter Duty (Constant Torque)	
SKxxx	-XX-	X.XX				60Hz (rpm)	12Hz (rpm)
1	2	3					
4-Pole 1750 RPM							
Output Speed (rpm)	Service Factor						
658	1.7	SK372.1			2.62	658	132
618	2	SK22			2.79	618	124
603	1.5	SK372.1			2.86	603	121
591	2.7	SK572.1			2.92	591	118
583	1.7	SK12*			2.96	583	117
553	1.6	SK372.1			3.12	553	111
528	2.7	SK572.1			3.27	528	106
509	1.6	SK12*			3.39	509	102
503	1.6	SK372.1			3.43	503	101
489	1.8	SK22			3.53	489	98

¹ Reducer Input Options
Weights (lb)

-W- Solid Shaft Input Reducer

W

SK572.1	1810
N180TC	1810

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SERVICE FACTOR TABLE

POWER SOURCE	CLASSIFICATION OF DRIVEN LOAD*	INTERMITTENT UP TO 3 HOURS per DAY	8 – 10 HOURS per DAY	24 HOURS per DAY
Electric Motor, Steam Turbine, or Hydraulic Motor	Uniform	0.8	1.0	1.25
	Moderate Shock	1.0	1.25	1.5
	Heavy Shock	1.5	1.75	2.0
Multi-cylinder Internal Combustion Engine	Uniform	1.0	1.25	1.5
	Moderate Shock	1.25	1.5	1.75
	Heavy Shock	1.75	2.0	2.25

* Rotary Pump applications are classified as Uniform Loads.

DRIVEN LOAD CLASSIFICATIONS

(excerpted from AGMA Information Sheet 922-A96 ©1996)

Key: U = Uniform Load; M = Moderate Shock Load; H = Heavy Shock Load

APPLICATION	LOAD CLASSIFICATION	APPLICATION	LOAD CLASSIFICATION
Pumps, Rotary and Centrifugal	U	Fans, Cooling Tower	M
Pumps, Reciprocating	M	Feeders, Apron, Belt, Screw	U
Agitators	U	Feeders, Reciprocating	M
Blowers	U	Generators	U
Compressors, Centrifugal & Lobe	U	Hammer Mills	M
Compressors, Reciprocating	M	Machine Tools	M
Cranes and Hoists	M	Mills, Rotary	M
Crushers, Ore and Stone	H	Mixers, Concrete, Drum Type	M
Elevators	M	Printing Presses	U
Fans, Centrifugal, Forced Draft	U	Sewage Disposal Bar Screens	U

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0.5 HP | 37 RPM TO 819 RPM

4-Pole 1750 RPM		Part Number		
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)	Gear Ratio
		5:1 Inverter Duty (Constant Torque)		
				60Hz (rpm) 12Hz (rpm)
819	6.9	SK072.1*		2.1 819 164
741	8	SK172.1		2.32 741 148
738	6.7	SK072.1*		2.33 738 148
691	7.8	SK172.1		2.49 691 138
669	6.9	SK072.1*		2.57 669 134
632	8	SK172.1		2.72 632 126
604	6.7	SK072.1*		2.85 604 121
589	7.8	SK172.1		2.92 589 118
583	7.6	SK02		2.95 583 117
534	8	SK172.1		3.22 534 107
524	6.7	SK072.1*		3.28 524 105
509	7.3	SK02		3.38 509 102
497	7.5	SK172.1		3.46 497 99
480	6.5	SK072.1*		3.58 480 96
454	7.5	SK172.1		3.79 454 91
442	6.6	SK02		3.89 442 88
439	5.5	SK072.1*		3.92 439 88
412	7.5	SK172.1		4.17 412 82
408	6	SK02		4.22 408 82
399	5.6	SK072.1*		4.31 399 80
372	7.5	SK172.1		4.62 372 74
361	5.4	SK072.1*		4.77 361 72
357	5.8	SK02		4.82 357 71
335	7.8	SK172.1		5.14 335 67
324	5	SK072.1*		5.31 324 65
313	4.8	SK072.1*		5.5 313 63
309	5	SK02		5.57 309 62
298	6.4	SK172.1		5.77 298 60
289	4.5	SK072.1*		5.96 289 58
282	4.5	SK02		6.1 282 56
267	6.2	SK172.1		6.43 267 53
262	3.9	SK072.1*		6.57 262 52
250	4.3	SK02		6.89 250 50
243	5.6	SK172.1		7.08 243 49
238	3.7	SK072.1*		7.23 238 48
221	3.9	SK02		7.8 221 44
220	5.1	SK172.1		7.83 220 44
215	3.3	SK072.1*		8 215 43
210	3.7	SK02		8.19 210 42
197	4.9	SK172.1		8.72 197 39
193	3	SK072.1*		8.91 193 39
185	3.4	SK02		9.28 185 37

4-Pole 1750 RPM		Part Number		
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)	Gear Ratio
		5:1 Inverter Duty (Constant Torque)		
				60Hz (rpm) 12Hz (rpm)
176	4.2	SK172.1		9.79 176 35
173	3.1	SK02		9.95 173 35
172	2.7	SK072.1*		10 172 34
159	3.8	SK172.1		10.83 159 32
153	2.9	SK02		11.27 153 31
151	3.6	SK172.1		11.39 151 30
149	2.1	SK072.1*		11.56 149 30
143	3.5	SK172.1		12.06 143 29
134	2.7	SK02		12.82 134 27
130	1.7	SK072.1*		13.2 130 26
127	3	SK172.1		13.54 127 25
119	1.7	SK072.1*		14.4 119 24
118	6.3	SK372.1		14.57 118 24
109	2.6	SK172.1		15.76 109 22
108	2.2	SK02		15.95 108 22
103	4.5	SK12		16.73 103 21
99	1.5	SK072.1*		17.35 99 20
92	4.2	SK12		18.79 92 18
90	1.4	SK072.1*		19.2 90 18
84	2	SK172.1		20.37 84 17
81	3.8	SK12		21.28 81 16
77	2	SK172.1		22.42 77 15
74	1.6	SK02		23.13 74 15
73	4.4	SK373.1		23.41 73 15
71	1.8	SK02		24.39 71 14
69	1.8	SK172.1		24.8 69 14
66	3.9	SK373.1		25.94 66 13
62	1.6	SK172.1		27.62 62 12
59	2.1	SK12		29.15 59 12
58	3.4	SK373.1		29.77 58 12
57	2.9	SK372.1		30.11 57 11
55	2.6	SK12		31.19 55 11
52	2.9	SK373.1		33.2 52 10
51	2.7	SK372.1		33.84 51 10
49	2.1	SK12		35.07 49 10
46	2.6	SK373.1		37.23 46 9
45	2.3	SK12		38.31 45 9
41	2.3	SK373.1		42.46 41 8
40	1.9	SK372.1		43.26 40 8
38	3.4	SK572.1		45.77 38 8
37	3.1	SK22		45.9 37 7

* SK072.1 is not available with a solid shaft input -W-

¹ Reducer Input Options

Weights (lb)

	W	N56C
SK072.1	N/A	9
SK02	26	29
SK172.1	15	15
SK12	31	33
SK372.1	24	22
SK373.1	26	24
SK572.1	40	40
SK573.1	42	42
SK22	64	60

-W- Solid Shaft Input Reducer

-N56C- NEMA C-Face Input Reducer (no motor).

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0.75 HP | 37 RPM TO 737 RPM

4-Pole 1750 RPM		1 Reducer Model #	2 Input Option (Choose One)	3 Gear Ratio	5:1 Inverter Duty (Constant Torque)				
Output Speed (rpm)	Service Factor				SKxxx	-XX-	X.XX	60Hz (rpm)	12Hz (rpm)
737	5.9	SK172.1		2.32	737	147			
687	5.5	SK172.1		2.49	687	137			
629	5.4	SK172.1		2.72	629	126			
586	5.5	SK172.1		2.92	586	117			
580	5	SK02		2.95	580	116			
531	5.4	SK172.1		3.22	531	106			
506	4.8	SK02		3.38	506	101			
494	5	SK172.1		3.46	494	99			
451	5	SK172.1		3.79	451	90			
440	4.4	SK02		3.89	440	88			
410	5	SK172.1		4.17	410	82			
405	3.9	SK02		4.22	405	81			
370	5	SK172.1		4.62	370	74			
355	3.8	SK02		4.82	355	71			
333	5.2	SK172.1		5.14	333	67			
307	3.3	SK02		5.57	307	61			
296	4.3	SK172.1		5.77	296	59			
280	3	SK02		6.1	280	56			
266	4.1	SK172.1		6.43	266	53			
248	2.8	SK02		6.89	248	50			
242	3.7	SK172.1		7.08	242	48			
219	2.6	SK02		7.8	219	44			
218	3.4	SK172.1		7.83	218	44			
209	2.5	SK02		8.19	209	42			
196	3.2	SK172.1		8.72	196	39			
184	2.2	SK02		9.28	184	37			
175	2.8	SK172.1		9.79	175	35			
172	2.1	SK02		9.95	172	34			
160	4	SK12		10.7	160	32			
158	2.5	SK172.1		10.83	158	32			
152	1.9	SK02		11.27	152	30			
150	2.4	SK172.1		11.39	150	30			
142	2.3	SK172.1		12.06	142	28			
133	1.7	SK02		12.82	133	27			

4-Pole 1750 RPM		1 Reducer Model #	2 Input Option (Choose One)	3 Gear Ratio	Part Number			
Output Speed (rpm)	Service Factor				SKxxx	-XX-	X.XX	5:1 Inverter Duty (Constant Torque)
132	4.9	SK372.1			132	26		
128	3.6	SK12			128	26		
126	2	SK172.1			126	25		
117	4.2	SK372.1			117	23		
109	1.7	SK172.1			109	22		
107	1.4	SK02			107	21		
104	3.7	SK372.1			104	21		
102	2.9	SK12			102	20		
93	3.5	SK372.1			93	19		
92	3.3	SK373.1			92	18		
91	2.7	SK12			91	18		
83	3.3	SK373.1			83	17		
80	2.5	SK12			80	16		
75	3	SK373.1			75	15		
74	2.8	SK372.1			74	15		
73	2.9	SK373.1			73	15		
69	3.2	SK22			69	14		
66	2.4	SK372.1			66	13		
59	1.4	SK12			59	12		
58	3.2	SK22			58	12		
57	2.3	SK373.1			57	11		
55	1.7	SK12			55	11		
52	1.9	SK373.1			52	10		
51	1.8	SK372.1			51	10		
49	4	SK573.1			49	10		
48	3.3	SK572.1			48	10		
46	1.7	SK373.1			46	9		
45	1.5	SK12			45	9		
41	3.4	SK573.1			41	8		
40	2.8	SK572.1			40	8		
39	3.3	SK573.1			39	8		
38	3.2	SK672.1			38	8		
37	2.2	SK572.1			37	7		

¹ Reducer Input Options

Weights (lb)

	W	NS6C
SK02	26	29
SK172.1	15	15
SK12	31	33
SK372.1	24	22
SK373.1	26	24
SK572.1	40	40
SK573.1	42	42
SK22	64	60
SK672.1	53	51

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1 HP | 36 RPM TO 711 RPM

4-Pole 1750 RPM		Part Number		
Output Speed (rpm)	Service Factor	SKxxx	-XX-	X.XX
Reducer Model #	1	2	3	5:1 Inverter Duty (Constant Torque)
				1 Input Option (Choose One)
				Gear Ratio
				60Hz (rpm) 12Hz (rpm)
711	4.3	SK172.1		2.32 711 142
663	4	SK172.1		2.49 663 133
607	3.9	SK172.1		2.72 607 121
565	4	SK172.1		2.92 565 113
559	3.6	SK02		2.95 559 112
512	3.9	SK172.1		3.22 512 102
488	3.5	SK02		3.38 488 98
477	3.6	SK172.1		3.46 477 95
435	3.6	SK172.1		3.79 435 87
424	3.1	SK02		3.89 424 85
396	3.6	SK172.1		4.17 396 79
391	2.8	SK02		4.22 391 78
357	3.6	SK172.1		4.62 357 71
342	2.7	SK02		4.82 342 68
321	3.7	SK172.1		5.14 321 64
296	2.4	SK02		5.57 296 59
286	3.1	SK172.1		5.77 286 57
270	2.2	SK02		6.1 270 54
257	3	SK172.1		6.43 257 51
239	2	SK02		6.89 239 48
233	2.7	SK172.1		7.08 233 47
228	4.9	SK372.1		7.23 228 46
227	3.9	SK12		7.28 227 45
212	1.9	SK02		7.8 212 42
211	2.4	SK172.1		7.83 211 42
210	3.8	SK12		7.85 210 42
201	4.7	SK372.1		8.22 201 40
193	3.5	SK12		8.56 193 39
189	2.3	SK172.1		8.72 189 38
178	1.6	SK02		9.28 178 36
176	4.5	SK372.1		9.4 176 35
171	3.2	SK12		9.65 171 34
169	2	SK172.1		9.79 169 34
166	1.5	SK02		9.95 166 33
161	4.2	SK372.1		10.28 161 32
154	2.9	SK12		10.7 154 31

4-Pole 1750 RPM		Part Number		
Output Speed (rpm)	Service Factor	SKxxx	-XX-	X.XX
Reducer Model #	1	2	3	5:1 Inverter Duty (Constant Torque)
				1 Input Option (Choose One)
				Gear Ratio
				60Hz (rpm) 12Hz (rpm)
152	1.8	SK172.1		10.83 152 30
146	1.4	SK02		11.27 146 29
145	1.7	SK172.1		11.39 145 29
143	3.8	SK372.1		11.55 143 29
137	1.7	SK172.1		12.06 137 27
127	3.6	SK372.1		12.96 127 25
123	2.6	SK12		13.39 123 25
122	1.5	SK172.1		13.54 122 24
113	3	SK372.1		14.57 113 23
100	2.7	SK372.1		16.5 100 20
99	2.1	SK12		16.73 99 20
90	2.5	SK372.1		18.4 90 18
89	2.3	SK373.1		18.63 89 18
88	2	SK12		18.79 88 18
80	2.4	SK373.1		20.52 80 16
78	1.8	SK12		21.28 78 16
73	2.1	SK373.1		22.74 73 15
72	2	SK372.1		23 72 14
70	2.1	SK373.1		23.41 70 14
69	4.2	SK573.1		23.79 69 14
67	2.3	SK22		24.73 67 13
64	1.9	SK373.1		25.94 64 13
62	3.7	SK573.1		26.77 62 12
61	3.4	SK572.1		27 61 12
57	3	SK572.1		28.91 57 11
56	2.3	SK22		29.31 56 11
55	1.6	SK373.1		29.77 55 11
53	3.3	SK573.1		30.93 53 11
50	1.4	SK373.1		33.2 50 10
47	2.9	SK573.1		34.8 47 9
46	2.4	SK572.1		35.65 46 9
43	2.7	SK573.1		38.02 43 9
39	2	SK572.1		42.38 39 8
38	2.4	SK573.1		43.4 38 8
37	3.3	SK673.1		44.85 37 7
36	1.6	SK572.1		45.77 36 7

¹ Reducer Input Options

Weights (lb)

- W- Solid Shaft Input Reducer
- N56C- NEMA C-Face Input Reducer (no motor).

	W	N56C
SK02	26	29
SK172.1	15	15
SK12	31	33
SK372.1	24	22
SK373.1	26	24
SK572.1	40	40
SK573.1	42	42
SK22	64	60
SK672.1	53	51
SK673.1	55	53

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1.5 HP | 37 RPM TO 716 RPM

4-Pole 1750 RPM		Part Number		
Output Speed (rpm)	Service Factor	SKxxx	-XX-	X.XX
716	2.9	SK172.1		
667	2.7	SK172.1		
610	2.6	SK172.1		
568	2.7	SK172.1		
563	2.4	SK02		
516	2.6	SK172.1		
491	2.3	SK02		
480	2.4	SK172.1		
438	2.4	SK172.1		
427	2.1	SK02		
417	4.4	SK12		
398	2.4	SK172.1		
397	4.8	SK372.1		
393	1.9	SK02		
384	4	SK12		
370	4.1	SK12		
359	2.4	SK172.1		
356	4.7	SK372.1		
344	1.8	SK02		
337	3.7	SK12		
323	2.5	SK172.1		
317	4.7	SK372.1		
298	1.6	SK02		
288	2.1	SK172.1		
287	3.3	SK12		
279	4.2	SK372.1		
272	1.5	SK02		
258	2	SK172.1		
254	3	SK12		
252	3.8	SK372.1		
241	3.8	SK372.1		
234	1.8	SK172.1		
230	3.6	SK372.1		
228	2.6	SK12		
212	1.6	SK172.1		
211	2.6	SK12		
202	3.4	SK372.1		
194	2.4	SK12		
190	1.6	SK172.1		
177	3.1	SK372.1		
172	2.2	SK12		
161	2.9	SK372.1		
155	1.9	SK12		
152	4.5	SK22		
144	2.6	SK372.1		

4-Pole 1750 RPM		Part Number		
Output Speed (rpm)	Service Factor	SKxxx	-XX-	X.XX
136	4.2	SK22		
128	2.4	SK372.1		
124	1.7	SK12		
114	2	SK372.1		
113	3.6	SK22		
101	1.8	SK372.1		
101	3.8	SK572.1		
99	3.1	SK22		
95	3.8	SK573.1		
90	1.7	SK372.1		
89	1.6	SK373.1		
86	3.5	SK573.1		
85	3.2	SK572.1		
83	2.2	SK22		
81	1.4	SK372.1		
78	3.1	SK573.1		
76	3	SK572.1		
73	1.4	SK373.1		
71	1.4	SK373.1		
70	2.8	SK573.1		
68	2.7	SK572.1		
67	1.5	SK22		
62	2.5	SK573.1		
61	2.3	SK572.1		
58	2	SK22		
57	2	SK572.1		
55	3.3	SK32		
54	2.2	SK573.1		
53	1.8	SK572.1		
51	2.9	SK672.1		
50	1.8	SK32		
48	2	SK573.1		
46	2.4	SK672.1		
45	2.5	SK32		
44	1.8	SK573.1		
43	1.8	SK32		
42	3.4	SK773.1		
40	2.4	SK673.1		
39	1.7	SK573.1		
38	3.1	SK773.1		
37	1.6	SK672.1		

¹ Reducer Input Options

Weights (lb)

-W-	Solid Shaft Input Reducer	W		N140TC	
		SK02	26	SK172.1	15
-N140TC-	NEMA C-Face Input Reducer (no motor).	SK12	31	SK12	42
		SK372.1	24	SK372.1	22
		SK373.1	26	SK373.1	24

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 60 Hz Motors



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2 HP | 37 RPM TO 716 RPM

4-Pole 1750 RPM		Reducer Model #	1 Input Option (Choose One)	Gear Ratio	5:1 Inverter Duty (Constant Torque)		
Output Speed (rpm)	Service Factor				SKxxx	-XX-	X.XX
716	2.2	SK172.1	-W-	2.32	716	143	
667	2			2.49	667	133	
634	4			2.62	634	127	
610	2			2.72	610	122	
580	3.7			2.86	580	116	
568	2			2.92	568	114	
563	1.8			2.95	563	113	
532	3.7			3.12	532	106	
516	2			3.22	516	103	
491	1.8			3.38	491	98	
484	3.7			3.43	484	97	
480	1.8			3.46	480	96	
439	3.7			3.78	439	88	
438	1.8			3.79	438	88	
427	1.6			3.89	427	85	
398	1.8			4.17	398	80	
397	3.6			4.18	397	79	
393	1.4			4.22	393	79	
370	3.1		-N140TC-	4.49	370	74	
359	1.8			4.62	359	72	
356	3.5			4.66	356	71	
344	1.4			4.82	344	69	
337	2.7			4.93	337	67	
323	1.9			5.14	323	65	
317	3.6			5.24	317	63	
288	1.6			5.77	288	58	
287	2.5	SK12		5.79	287	57	
279	3.1	SK372.1		5.95	279	56	
258	1.5	SK172.1		6.43	258	52	
254	2.3	SK12		6.53	254	51	
252	2.8	SK372.1		6.58	252	50	
242	4.3	SK22		6.86	242	48	
241	2.9	SK372.1		6.89	241	48	
230	2.7	SK372.1		7.23	230	46	
228	2	SK12		7.28	228	46	
219	3.8	SK22		7.57	219	44	
211	1.9	SK12		7.85	211	42	
202	2.6	SK372.1		8.22	202	40	
196	3.6	SK22		8.48	196	39	
194	1.8	SK12		8.56	194	39	
177	2.4	SK372.1		9.4	177	35	
172	1.6	SK12		9.65	172	34	
165	4	SK572.1		10.04	165	33	
161	2.2	SK372.1		10.28	161	32	
155	1.5	SK12		10.7	155	31	

4-Pole 1750 RPM		Reducer Model #	1 Input Option (Choose One)	Gear Ratio	Part Number				
Output Speed (rpm)	Service Factor				SKxxx	-XX-	X.XX	60Hz (rpm)	12Hz (rpm)
152	3.4	SK22	-W-	10.89	152	30			
148	3.9			11.25	148	30			
144	1.9			11.55	144	29			
136	3.1			12.2	136	27			
131	3.7			12.68	131	26			
128	1.8			12.96	128	26			
121	3.4			13.67	121	24			
114	1.5			14.57	114	23			
113	2.7			14.69	113	23			
108	3.9			15.35	108	22			
101	2.8			16.46	101	20			
99	2.4			16.75	99	20			
96	3.7			17.25	96	19			
95	2.9			17.42	95	19			
90	3.4			18.41	90	18			
89	3.9			18.67	89	18			
86	2.6		-N140TC-	19.22	86	17			
85	2.4			19.57	85	17			
83	1.7			20.03	83	17			
81	3.4			20.62	81	16			
80	3.7			20.7	80	16			
78	2.4			21.32	78	16			
76	2.2			21.85	76	15			
72	3.2			23.12	72	14			
70	2.1			23.79	70	14			
68	2			24.58	68	14			
66	2.3			25.19	66	13			
61	2.6			27.24	61	12			
60	2.2			27.61	60	12			
58	1.5			28.8	58	12			
57	2.2	SK672.1		29.08	57	11			
55	2.4	SK32		30.43	55	11			
54	2	SK673.1		30.92	54	11			
53	1.9	SK32		31.16	53	11			
51	2.2	SK672.1		32.58	51	10			
49	2.1	SK673.1		34.12	49	10			
48	1.5	SK573.1		34.8	48	10			
46	1.8	SK672.1		35.75	46	9			
45	2	SK673.1		37.23	45	9			
42	2.5	SK773.1		39.06	42	8			
41	3	SK43		40.98	41	8			
40	1.8	SK673.1		41.54	40	8			
38	2.3	SK773.1		43.43	38	8			
37	1.7	SK673.1		44.85	37	7			

¹ Reducer Input Options

Weights (lb)

	W	N140TC
SK02	26	37
SK172.1	15	15
SK12	31	42
SK372.1	24	22
SK373.1	26	24
SK572.1	40	40
SK573.1	42	42
SK22	64	69

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3 HP | 37 RPM TO 651 RPM

Part Number		
SKxxx	-XX-	X.XX
4-Pole 1750 RPM		
Output Speed (rpm)	Service Factor	Reducer Model #
651	2.7	SK372.1
596	2.5	SK372.1
576	2.8	SK12*
546	2.6	SK372.1
503	2.6	SK12*
497	2.6	SK372.1
451	2.5	SK372.1
428	2.3	SK12*
408	2.5	SK372.1
395	2.1	SK12*
380	2.1	SK12*
369	2.6	SK22
366	2.4	SK372.1
346	1.9	SK12*
329	2.4	SK22
325	2.4	SK372.1
294	1.7	SK12*
287	2.1	SK372.1
271	4	SK572.1
262	2.8	SK22
261	1.5	SK12*
259	1.9	SK372.1
249	3	SK22
247	2	SK372.1
236	1.9	SK372.1
234	1.4	SK12*
228	3.7	SK572.1
225	2.6	SK22
209	3.5	SK572.1
207	1.7	SK372.1
201	2.4	SK22
191	3.3	SK572.1
181	1.6	SK372.1
170	3.2	SK572.1
166	1.5	SK372.1
157	2.3	SK22
152	1.8	SK572.1
148	2.4	SK372.1
140	1.6	SK22
134	4	SK572.1
125	2.2	SK572.1
124	1.5	SK672.1
117	3.4	SK32
116	3.9	SK22
113	1.9	SK32

Part Number		
SKxxx	-XX-	X.XX
4-Pole 1750 RPM		
Output Speed (rpm)	Service Factor	Reducer Model #
111	3.1	SK572.1
105	1.8	SK32
102	3.4	SK22
102	1.5	SK32
99	2.7	SK672.1
98	3.3	SK573.1
93	3.9	SK672.1
91	2.8	SK32
89	2.4	SK573.1
87	3.7	SK572.1
84	2.9	SK772.1
82	3.4	SK32
80	3.9	SK573.1
79	2.6	SK773.1
78	1.7	SK572.1
75	3.4	SK673.1
74	3.7	SK32
73	2.4	SK672.1
72	2.2	SK573.1
70	3.2	SK772.1
69	2	SK572.1
68	2.3	SK673.1
67	1.9	SK773.1
65	1.9	SK672.1
64	2.6	SK32
63	2.2	SK32
62	1.5	SK673.1
60	2.3	SK773.1
59	1.5	SK672.1
58	2.8	SK42
56	2.8	SK42
55	1.4	SK673.1
52	1.5	SK672.1
50	1.4	SK673.1
49	2.7	SK872.1
48	2.8	SK42
46	1.4	SK673.1
44	1.7	SK773.1
43	3.4	SK873.1
42	2	SK43
41	2.3	SK42
40	2.6	SK872.1
39	1.6	SK773.1
37	3	SK873.1

* SK12 is not available with NEMA adapter -N180TC-

¹ Reducer Input Options

Weights (lb)

	W	N180TC
SK12	31	N/A
SK372.1	24	24
SK572.1	40	42
SK573.1	42	44
SK22	64	77
SK672.1	53	53
SK673.1	55	60
SK32	88	101
SK772.1	93	97
SK773.1	97	101
SK42	143	148
SK43	154	168
SK872.1	192	196
SK873.1	196	201
SK52	207	212

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 60 Hz Motors



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5 HP | 38 RPM TO 658 RPM

		Part Number				
		SKxxx	-XX-	X.XX		
4-Pole 1750 RPM		① Reducer Model #	② Input Option (Choose One)	③ Gear Ratio	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor				60Hz (rpm)	12Hz (rpm)
658	1.7	SK372.1	-W-	2.62	658	132
618	2	SK22		2.79	618	124
603	1.5	SK372.1		2.86	603	121
591	2.7	SK572.1		2.92	591	118
583	1.7	SK12*		2.96	583	117
553	1.6	SK372.1		3.12	553	111
528	2.7	SK572.1		3.27	528	106
509	1.6	SK12*		3.39	509	102
503	1.6	SK372.1		3.43	503	101
489	1.8	SK22		3.53	489	98
460	5.9	SK32	-N180TC-	3.75	460	92
456	1.5	SK372.1		3.78	456	91
450	2.7	SK572.1		3.83	450	90
435	1.7	SK22		3.97	435	87
413	1.5	SK372.1		4.18	413	83
409	2.6	SK572.1		4.22	409	82
389	5.1	SK32		4.43	389	78
374	2.9	SK672.1		4.61	374	75
373	1.6	SK22		4.62	373	75
370	1.5	SK372.1		4.66	370	74
368	2.6	SK572.1	N180TC	4.69	368	74
341	2.9	SK672.1		5.06	341	68
333	1.5	SK22		5.18	333	67
330	2.5	SK572.1		5.23	330	66
329	1.5	SK672.1		5.24	329	66
327	5.9	SK32		5.28	327	65
314	3.9	SK32		5.5	314	63
309	2.9	SK672.1		5.59	309	62
303	5.1	SK32		5.7	303	61
298	1.8	SK22		5.79	298	60
293	2.5	SK572.1	N180TC	5.88	293	59
282	2.7	SK672.1		6.12	282	56
274	2.5	SK572.1		6.3	274	55
265	1.7	SK22		6.51	265	53
256	4.3	SK32		6.74	256	51
251	1.8	SK22		6.86	251	50
245	1.6	SK32		7.05	245	49
237	7.2	SK42		7.28	237	47
230	2.3	SK572.1		7.49	230	46
228	1.6	SK22		7.57	228	46
225	2.5	SK672.1	N180TC	7.68	225	45
218	4	SK32		7.9	218	44
212	2.1	SK572.1		8.15	212	42
206	3.5	SK32		8.36	206	41
203	2.5	SK672.1		8.48	203	41
199	2.3	SK672.1		8.66	199	40
193	2	SK572.1		8.92	193	39
186	2.5	SK672.1		9.25	186	37

		Part Number				
		SKXXX	-XX-	X.XX		
4-Pole 1750 RPM		① Reducer Model #	② Input Option (Choose One)	③ Gear Ratio	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor				60Hz (rpm)	12Hz (rpm)
176	3.2	SK32	-W-	9.8	176	35
172	1.9	SK572.1		10.04	172	34
169	5.5	SK42		10.2	169	34
166	2.5	SK672.1		10.37	166	33
153	1.8	SK572.1		11.25	153	31
152	2	SK672.1		11.38	152	30
147	2.9	SK32		11.71	147	29
140	4.7	SK42		12.28	140	28
137	2	SK672.1		12.56	137	27
136	1.5	SK572.1		12.68	136	27
126	2	SK672.1	-N180TC-	13.7	126	25
120	3.9	SK42		14.38	120	24
119	2.2	SK32		14.55	119	24
115	1.6	SK32		15.03	115	23
114	4	SK42		15.12	114	23
112	1.9	SK672.1		15.35	112	22
110	2	SK772.1		15.62	110	22
106	1.9	SK32		16.25	106	21
104	2.2	SK672.1		16.66	104	21
100	1.5	SK672.1		17.25	100	20
97	3.2	SK42	N180TC	17.71	97	19
93	2	SK772.1		18.46	93	19
92	1.6	SK32		18.67	92	18
88	4.7	SK52		19.6	88	18
85	2	SK772.1		20.31	85	17
83	1.5	SK32		20.7	83	17
80	1.7	SK773.1		21.49	80	16
79	2.4	SK42		21.87	79	16
73	3	SK873.1		23.49	73	15
72	3.9	SK52		23.92	72	14
70	1.7	SK42	N180TC	24.67	70	14
68	1.6	SK773.1		25.39	68	14
67	3	SK873.1		25.69	67	13
65	3.5	SK52		26.46	65	13
63	2.9	SK873.1		27.57	63	13
59	1.7	SK42		29.29	59	12
57	1.7	SK42		30.46	57	11
54	2.6	SK873.1		32.24	54	11
53	1.9	SK52		32.56	53	11
49	1.7	SK42		35.25	49	10
48	2.3	SK873.1	N180TC	35.63	48	10
45	2.1	SK52		38.45	45	9
44	1.6	SK872.1		38.77	44	9
43	2.1	SK873.1		39.68	43	9
41	3	SK973.1		42.51	41	8
40	1.6	SK872.1		42.67	40	8
38	1.8	SK873.1		45.53	38	8

* SK12 is not available with NEMA adapter -N180TC-

① Reducer Input Options

Weights (lb)

	W	N180TC
SK12	31	N/A
SK372.1	24	24
SK572.1	40	42
SK22	64	77
SK672.1	53	53
SK32	88	101
SK772.1	93	97
SK773.1	97	101
SK42	143	148
SK43	154	168
SK872.1	192	196
SK873.1	196	201
SK52	207	212
SK63	328	333

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7.5 HP | 40 RPM TO 652 RPM

4-Pole 1750 RPM		Part Number		
Output Speed (rpm)	Service Factor	SKxxx	-XX-	X.XX
Reducer Model #	1	2	3	5:1 Inverter Duty (Constant Torque)
				60Hz (rpm) 12Hz (rpm)
652	3.4	SK672.1		2.66 652 130
607	3.4	SK672.1		2.86 607 121
586	4.8	SK32		2.96 586 117
565	3.4	SK672.1		3.07 565 113
524	3.3	SK672.1		3.31 524 105
485	3.3	SK672.1		3.58 485 97
463	4	SK32		3.75 463 93
447	3.3	SK672.1		3.88 447 89
411	3.2	SK672.1		4.22 411 82
392	3.4	SK32		4.43 392 78
376	3.2	SK672.1		4.61 376 75
343	3.1	SK672.1		5.06 343 69
329	3.9	SK32		5.28 329 66
315	2.6	SK32		5.5 315 63
310	2.8	SK672.1		5.59 310 62
304	3.4	SK32		5.7 304 61
283	2.7	SK672.1		6.12 283 57
257	2.9	SK32		6.74 257 51
238	4.8	SK42		7.28 238 48
226	2.2	SK672.1		7.68 226 45
220	2.7	SK32		7.9 220 44
214	2.6	SK772.1		8.12 214 43
208	2.3	SK32		8.36 208 42
205	2	SK672.1		8.48 205 41
204	4.1	SK42		8.5 204 41
200	1.6	SK672.1		8.66 200 40
193	2.4	SK772.1		8.97 193 39
188	1.9	SK672.1		9.25 188 38
177	2.1	SK32		9.8 177 35
174	2.2	SK772.1		10 174 35
170	3.7	SK42		10.2 170 34
167	1.8	SK672.1		10.37 167 33
164	2.1	SK772.1		10.6 164 33
157	2	SK772.1		11.06 157 31
154	4	SK872.1		11.24 154 31
152	1.4	SK672.1		11.38 152 30
149	1.9	SK772.1		11.67 149 30
148	2	SK32		11.71 148 30
141	3.2	SK42		12.28 141 28
139	3.8	SK872.1		12.48 139 28

4-Pole 1750 RPM		Part Number		
Output Speed (rpm)	Service Factor	SKxxx	-XX-	X.XX
Reducer Model #	1	2	3	5:1 Inverter Duty (Constant Torque)
138	1.4	SK672.1		12.56 138 28
133	1.7	SK772.1		13.07 133 27
127	1.4	SK672.1		13.7 127 25
126	3.5	SK872.1		13.79 126 25
121	2.6	SK42		14.38 121 24
119	1.5	SK32		14.55 119 24
115	2.7	SK42		15.12 115 23
114	3.1	SK872.1		15.18 114 23
111	1.4	SK772.1		15.62 111 22
104	1.5	SK772.1		16.66 104 21
102	2.9	SK872.1		16.96 102 20
98	2.2	SK42		17.71 98 20
97	1.8	SK42		17.92 97 19
94	1.4	SK772.1		18.46 94 19
93	2.7	SK872.1		18.67 93 19
89	3.2	SK52		19.6 89 18
81	1.8	SK42		21.5 81 16
80	2.8	SK52		21.68 80 16
79	1.6	SK42		21.87 79 16
75	2.2	SK872.1		23.02 75 15
73	2.6	SK52		23.92 73 15
72	2.3	SK52		24.07 72 14
68	2	SK872.1		25.44 68 14
67	1.6	SK42		25.88 67 13
66	2.3	SK52		26.46 66 13
63	3.1	SK972.1		27.66 63 13
62	1.9	SK872.1		28 62 12
60	2.3	SK52		28.85 60 12
57	1.8	SK873.1		30.47 57 11
56	3.8	SK63		30.91 56 11
54	1.7	SK873.1		32.24 54 11
52	2.8	SK972.1		33.36 52 10
49	1.5	SK873.1		35.63 49 10
48	1.3	SK52		36.03 48 10
47	2.5	SK972.1		37.19 47 9
45	1.4	SK52		38.45 45 9
44	1.4	SK873.1		39.68 44 9
43	1.5	SK52		40.37 43 9
41	2.2	SK972.1		42.76 41 8
40	2.8	SK63		43.43 40 8

¹ Reducer Input Options

- W- Solid Shaft Input Reducer
- N210TC- NEMA C-Face Input Reducer (no motor).

Weights (lb)

	W	N210TC
SK672.1	53	57
SK32	88	101
SK772.1	93	105
SK42	143	179
SK872.1	192	196
SK873.1	196	201
SK52	207	212
SK972.1	278	283
SK973.1	282	287
SK63	328	333

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 60 Hz Motors



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10 HP | 38 RPM TO 652 RPM

Part Number					
SKXXX	-XX-	X.XX			
4-Pole 1750 RPM					
Output Speed (rpm)	Reducer Model #	¹ Input Option (Choose One)			
		Gear Ratio			
		5:1 Inverter Duty (Constant Torque)			
		60Hz (rpm) 12Hz (rpm)			
652	2.6	SK672.1	2.66	652	130
607	2.6	SK672.1	2.86	607	121
586	3.6	SK32	2.96	586	117
565	2.5	SK672.1	3.07	565	113
524	2.5	SK672.1	3.31	524	105
485	2.4	SK672.1	3.58	485	97
463	3	SK32	3.75	463	93
447	2.5	SK672.1	3.88	447	89
411	2.4	SK672.1	4.22	411	82
392	2.5	SK32	4.43	392	78
376	2.4	SK672.1	4.61	376	75
343	2.3	SK672.1	5.06	343	69
329	2.9	SK32	5.28	329	66
315	2	SK32	5.5	315	63
310	2.1	SK672.1	5.59	310	62
304	2.6	SK32	5.7	304	61
302	4.8	SK42	5.75	302	60
283	2	SK672.1	6.12	283	57
280	4.2	SK42	6.19	280	56
262	2.2	SK772.1	6.63	262	52
261	4.3	SK42	6.65	261	52
257	2.2	SK32	6.74	257	51
238	3.6	SK42	7.28	238	48
227	2	SK772.1	7.63	227	45
226	1.7	SK672.1	7.68	226	45
224	3.6	SK872.1	7.73	224	45
220	2	SK32	7.9	220	44
214	1.9	SK772.1	8.12	214	43
208	1.7	SK32	8.36	208	42
205	1.5	SK672.1	8.48	205	41
204	3.1	SK42	8.5	204	41
196	3.2	SK872.1	8.87	196	39
193	1.8	SK772.1	8.97	193	39
188	3.6	SK872.1	9.24	188	38
177	1.6	SK32	9.8	177	35
174	1.7	SK772.1	10	174	35
170	2.8	SK42	10.2	170	34
166	3.2	SK872.1	10.44	166	33

¹ Reducer Input Options

-W- Solid Shaft Input Reducer

-N210TC- NEMA C-Face Input Reducer (no motor).

Part Number					
SKXXX	-XX-	X.XX			
4-Pole 1750 RPM					
Output Speed (rpm)	Reducer Model #	¹ Input Option (Choose One)			
		Gear Ratio			
		5:1 Inverter Duty (Constant Torque)			
		60Hz (rpm) 12Hz (rpm)			
164	1.6	SK772.1	10.6	164	33
157	1.5	SK772.1	11.06	157	31
154	3	SK872.1	11.24	154	31
148	1.5	SK32	11.71	148	30
141	2.4	SK42	12.28	141	28
139	2.9	SK872.1	12.48	139	28
129	3.4	SK52	13.45	129	26
126	2.6	SK872.1	13.79	126	25
124	3.3	SK52	14	124	25
121	2	SK42	14.38	121	24
115	2	SK42	15.12	115	23
114	2.4	SK872.1	15.18	114	23
102	2.2	SK872.1	16.96	102	20
100	4.5	SK63	17.37	100	20
98	1.6	SK42	17.71	98	20
97	2.6	SK52	17.81	97	19
93	2	SK872.1	18.67	93	19
89	2.4	SK52	19.6	89	18
84	3.8	SK63	20.77	84	17
80	2.1	SK52	21.68	80	16
79	3.1	SK972.1	21.99	79	16
75	1.7	SK872.1	23.02	75	15
73	1.9	SK52	23.92	73	15
72	1.7	SK52	24.07	72	14
68	1.5	SK872.1	25.44	68	14
66	3	SK63	26.28	66	13
63	2.3	SK972.1	27.66	63	13
60	1.7	SK52	28.85	60	12
57	2.3	SK972.1	30.29	57	11
56	2.8	SK63	30.91	56	11
52	2.1	SK972.1	33.36	52	10
48	2.5	SK63	36.11	48	10
47	1.9	SK972.1	37.19	47	9
46	2.1	SK973.1	37.36	46	9
41	1.7	SK972.1	42.76	41	8
40	2.1	SK63	43.43	40	8
38	2.9	SK73	45.66	38	8

Weights (lb)

	W	N210TC
SK672.1	53	57
SK32	88	101
SK772.1	93	105
SK42	143	179
SK872.1	192	196
SK873.1	196	201
SK52	207	212
SK972.1	278	283
SK973.1	282	287
SK63	328	364
SK73	551	525

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15 HP | 39 RPM TO 586 RPM

4-Pole 1750 RPM		Part Number		
Output Speed (rpm)	Service Factor	SKxxx	-XX-	X.XX
Reducer Model #	1	2	3	5:1 Inverter Duty (Constant Torque)
				60Hz (rpm) 12Hz (rpm)
586	3.3	SK42		3.02 586 117
567	2.6	SK772.1*		3.12 567 113
551	3.2	SK42		3.21 551 110
506	3.1	SK42		3.5 506 101
493	2.3	SK772.1*		3.59 493 99
461	2.3	SK772.1*		3.84 461 92
455	3	SK42		3.89 455 91
400	2	SK772.1*		4.42 400 80
386	2.8	SK42		4.58 386 77
376	2	SK772.1*		4.71 376 75
370	3.3	SK42		4.79 370 74
347	3.2	SK42		5.1 347 69
331	2.5	SK42		5.35 331 66
329	1.8	SK772.1*		5.38 329 66
322	3.5	SK872.1		5.5 322 64
313	3.4	SK872.1		5.66 313 63
308	3.3	SK42		5.75 308 62
286	2.9	SK42		6.19 286 57
276	3.9	SK52		6.42 276 55
269	3.1	SK872.1		6.57 269 54
267	1.5	SK772.1*		6.63 267 53
266	2.9	SK42		6.65 266 53
243	2.4	SK42		7.28 243 49
230	3.4	SK52		7.7 230 46
229	2.8	SK872.1		7.73 229 46
208	2.1	SK42		8.5 208 42
200	2.5	SK872.1		8.87 200 40
192	2.5	SK872.1		9.24 192 38
174	1.9	SK42		10.2 174 35
170	2.2	SK872.1		10.44 170 34
167	2.8	SK52		10.58 167 33
157	2.1	SK872.1		11.24 157 31
144	1.6	SK42		12.28 144 29
142	2	SK872.1		12.48 142 28
132	2.3	SK52		13.45 132 26
131	3.2	SK972.1		13.56 131 26
128	1.8	SK872.1		13.79 128 26

4-Pole 1750 RPM		Part Number		
Output Speed (rpm)	Service Factor	SKxxx	-XX-	X.XX
Reducer Model #	1	2	3	5:1 Inverter Duty (Constant Torque)
				60Hz (rpm) 12Hz (rpm)
126	2.3	SK52		14 126 25
125	3.1	SK972.1		14.16 125 25
117	1.6	SK872.1		15.18 117 23
112	2.9	SK972.1		15.84 112 22
104	1.5	SK872.1		16.96 104 21
102	3.1	SK63		17.37 102 20
100	2.6	SK972.1		17.65 100 20
99	1.8	SK52		17.81 99 20
98	2.8	SK63		18.14 98 20
95	1.4	SK872.1		18.67 95 19
90	1.6	SK52		19.6 90 18
85	2.6	SK63		20.77 85 17
82	1.4	SK52		21.68 82 16
81	2.4	SK63		21.98 81 16
80	2.1	SK972.1		21.99 80 16
79	2.1	SK973.1		22.42 79 16
76	1.6	SK972.1		23.19 76 15
69	1.9	SK973.1		25.51 69 14
67	2	SK63		26.28 67 13
65	1.8	SK973.1		27.22 65 13
64	1.6	SK972.1		27.66 64 13
62	2.3	SK72		28.63 62 12
58	1.5	SK972.1		30.29 58 12
57	1.7	SK973.1		30.97 57 11
55	1.7	SK973.1		31.95 55 11
54	1.6	SK72		33.04 54 11
53	1.4	SK972.1		33.36 53 11
50	1.5	SK973.1		35.19 50 10
49	1.7	SK63		36.11 49 10
47	2.2	SK73		37.63 47 9
45	3.8	SK83		39.08 45 9
44	1.7	SK82		40.45 44 9
41	1.4	SK63		43.43 41 8
40	1.5	SK72		43.71 40 8
39	1.9	SK73		45.66 39 8

* SK772.1 is not available with NEMA adapter -N250TC-

1 Reducer Input Options

-W- Solid Shaft Input Reducer

-N250TC- NEMA C-Face Input Reducer (no motor).

Weights (lb)

	W	N250TC
SK772.1	93	N/A
SK42	143	201
SK872.1	192	227
SK52	207	265
SK972.1	278	314
SK973.1	282	318
SK63	328	386
SK72	529	531
SK73	551	553
SK82	935	827
SK83	787	844

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 60 Hz Motors



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20 HP | 39 RPM TO 583 RPM

4-Pole 1750 RPM		① Reducer Model #	② 1 Input Option (Choose One)	③ Gear Ratio	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor				60Hz (rpm)	12Hz (rpm)
583	2.5	SK42		3.02	583	117
555	3.3	SK872.1		3.18	555	111
548	2.4	SK42		3.21	548	110
503	2.3	SK42		3.5	503	101
478	3	SK872.1		3.69	478	96
452	2.2	SK42		3.89	452	90
438	2.8	SK872.1		4.03	438	88
431	3.4	SK52		4.08	431	86
384	2.1	SK42		4.58	384	77
382	3.2	SK52		4.61	382	76
377	2.9	SK872.1		4.68	377	75
367	2.5	SK42	-W-	4.79	367	73
346	3.3	SK52		5.08	346	69
345	2.4	SK42		5.1	345	69
329	1.9	SK42		5.35	329	66
321	2.6	SK872.1	-N250TC-	5.5	321	64
314	2.6	SK52		5.6	314	63
312	2.5	SK872.1		5.66	312	62
306	2.4	SK42		5.75	306	61
304	3.1	SK52		5.79	304	61
289	3	SK52		6.09	289	58
284	2.1	SK42		6.19	284	57
274	2.9	SK52		6.42	274	55
269	2.3	SK872.1		6.57	269	54
265	2.2	SK42		6.65	265	53
245	3.5	SK972.1		7.19	245	49
242	1.8	SK42		7.28	242	48
229	2.6	SK52		7.7	229	46
228	2.1	SK872.1		7.73	228	46
209	3.3	SK972.1		8.45	209	42
207	1.6	SK42		8.5	207	41
199	2.3	SK52		8.83	199	40
191	1.9	SK872.1		9.24	191	38
188	3.3	SK972.1		9.4	188	38
173	1.4	SK42		10.2	173	35
171	3	SK972.1		10.35	171	34

4-Pole 1750 RPM		① Reducer Model #	② 1 Input Option (Choose One)	③ Gear Ratio	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor				60Hz (rpm)	12Hz (rpm)
169	1.7	SK872.1		10.44	169	34
166	2.1	SK52		10.58	166	33
157	1.5	SK872.1		11.24	157	31
153	2.7	SK972.1		11.54	153	31
152	3.3	SK62		11.59	152	30
141	1.5	SK872.1		12.48	141	28
137	2.5	SK972.1		12.86	137	27
131	1.7	SK52		13.45	131	26
130	2.4	SK972.1		13.56	130	26
126	1.7	SK52		14	126	25
125	2.3	SK972.1		14.16	125	25
111	2.4	SK62	-W-	15.8	111	22
104	3	SK72		16.86	104	21
101	2.3	SK63		17.37	101	20
100	2	SK972.1		17.65	100	20
98	3.4	SK73	-N250TC-	18	98	20
97	2.1	SK62		18.14	97	19
90	1.8	SK972.1		19.72	90	18
85	1.9	SK63		20.77	85	17
81	2.6	SK72		21.64	81	16
80	1.8	SK63		21.98	80	16
79	1.5	SK973.1		22.42	79	16
75	2.6	SK73		23.34	75	15
69	1.5	SK973.1		25.51	69	14
67	1.5	SK63		26.28	67	13
66	3	SK82		26.62	66	13
62	2.2	SK73		28.32	62	12
61	1.7	SK72		28.63	61	12
57	1.4	SK63		30.91	57	11
55	2.5	SK82		32.12	55	11
54	3.2	SK83		32.52	54	11
53	1.9	SK73		33.24	53	11
47	1.6	SK73		37.63	47	9
45	2.8	SK83		39.08	45	9
40	2.5	SK83		44.38	40	8
39	1.5	SK73		45.66	39	8

1 Reducer Input Options

-W- Solid Shaft Input Reducer

-N250TC- NEMA C-Face Input Reducer (no motor).

Weights (lb)

	W	N250TC
SK42	143	201
SK872.1	192	227
SK52	207	265
SK972.1	278	314
SK973.1	282	318
SK63	328	386
SK72	529	531
SK73	551	553
SK82	935	827
SK83	787	844

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25 HP | 40 RPM TO 633 RPM

4-Pole 1750 RPM		Part Number			5:1 Inverter Duty (Constant Torque)					
Output Speed (rpm)	Service Factor	SKxxx	-XX-	X.XX	1	2	3	Gear Ratio	60Hz (rpm)	12Hz (rpm)
633	3.2	SK52			2.78	633	127			
550	2.6	SK872.1**			3.18	550	110			
545	2.9	SK52			3.23	545	109			
526	5	SK972.1			3.33	526	105			
518	2.9	SK52			3.4	518	104			
480	2.8	SK52			3.67	480	96			
474	2.3	SK872.1**			3.69	474	95			
468	4.8	SK972.1			3.74	468	94			
434	2.2	SK872.1**			4.03	434	87			
431	2.7	SK52			4.08	431	86			
384	4.3	SK972.1			4.56	384	77			
382	2.6	SK52			4.61	382	76			
374	2.3	SK872.1**			4.68	374	75			
346	2.7	SK52	-W-		5.08	346	69			
333	3.7	SK972.1	-N280TC-		5.25	333	67			
318	2.1	SK872.1**			5.5	318	64			
314	2.1	SK52			5.6	314	63			
309	2	SK872.1**			5.66	309	62			
304	2.5	SK52			5.79	304	61			
289	2.4	SK52			6.09	289	58			
284	3.3	SK972.1			6.17	284	57			
274	2.3	SK52			6.42	274	55			
266	1.8	SK872.1**			6.57	266	53			
262	3.3	SK972.1			6.68	262	52			
243	3.1	SK972.1			7.19	243	49			
242	2.1	SK52			7.27	242	48			
229	2	SK52			7.7	229	46			
226	1.7	SK872.1**			7.73	226	45			
207	2.7	SK972.1			8.45	207	41			

4-Pole 1750 RPM		Part Number			5:1 Inverter Duty (Constant Torque)					
Output Speed (rpm)	Service Factor	SKxxx	-XX-	X.XX	1	2	3	Gear Ratio	60Hz (rpm)	12Hz (rpm)
200	3.4	SK62			8.78	200	40			
199	1.9	SK52			8.83	199	40			
197	1.5	SK872.1**			8.87	197	39			
189	1.5	SK872.1**			9.24	189	38			
186	2.6	SK972.1			9.4	186	37			
169	2.4	SK972.1			10.35	169	34			
167	2.9	SK62			10.55	167	33			
166	1.6	SK52			10.58	166	33			
152	2.6	SK62			11.59	152	30			
136	2	SK972.1			12.86	136	27			
131	1.4	SK52			13.45	131	26			
129	1.9	SK972.1			13.56	129	26			
126	2.2	SK62			13.92	126	25			
124	1.9	SK972.1			14.16	124	25			
123	2.8	SK72			14.33	123	25			
111	1.9	SK62			15.8	111	22			
110	1.7	SK972.1			15.84	110	22			
104	2.4	SK72			16.86	104	21			
101	1.8	SK63			17.37	101	20			
99	1.6	SK972.1			17.65	99	20			
98	2.7	SK73			18	98	20			
97	1.7	SK62			18.14	97	19			
89	1.4	SK972.1			19.72	89	18			
85	2.4	SK73			20.62	85	17			
84	3.8	SK83			21.04	84	17			
81	2.1	SK72			21.64	81	16			
80	1.4	SK63			21.98	80	16			
75	2.1	SK73			23.34	75	15			
72	3.2	SK83			24.42	72	14			
63	2.9	SK83			28.03	63	13			
62	1.7	SK73			28.32	62	12			
61	1.4	SK72			28.63	61	12			
54	2.6	SK83			32.52	54	11			
53	1.5	SK73			33.24	53	11			
45	3.1	SK93			39.54	45	9			
40	2	SK83			44.38	40	8			

** SK872.1 is not available with NEMA adapter -N280TC-

1 Reducer Input Options

- W- Solid Shaft Input Reducer
- N280TC- NEMA C-Face Input Reducer (no motor)

Weights (lb)

	W	N280TC
SK872.1	192	N/A
SK52	207	285
SK972.1	278	336
SK973.1	282	340
SK63	328	386
SK72	529	583
SK73	551	608
SK83	787	844
SK93	1182	1270

PARTS & ACCESSORIES: SPEED REDUCERS

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30 HP | 40 RPM TO 635 RPM

Part Number			5:1 Inverter Duty (Constant Torque)	
SKxxx	-XX-	X.XX		
Output Speed (rpm)	Service Factor	Reducer Model #		
635	2.6	SK52	2.78	635 127
552	2.2	SK872.1**	3.18	552 110
546	2.5	SK52	3.23	546 109
527	4.2	SK972.1	3.33	527 105
519	2.5	SK52	3.4	519 104
481	2.4	SK52	3.67	481 96
476	2	SK872.1**	3.69	476 95
469	4	SK972.1	3.74	469 94
435	1.8	SK872.1**	4.03	435 87
433	2.3	SK52	4.08	433 87
387	3.8	SK62	4.56	387 77
385	3.6	SK972.1	4.56	385 77
383	2.1	SK52	4.61	383 77
375	1.9	SK872.1**	4.68	375 75
368	1.7	SK428	4.79	368 74
347	2.2	SK52	5.08	347 69
334	3.1	SK972.1	5.25	334 67
319	1.7	SK872.1**	5.5	319 64
315	1.7	SK52	5.6	315 63
310	1.7	SK872.1**	5.66	310 62
305	2	SK52	5.79	305 61
290	2	SK52	6.09	290 58
284	2.8	SK972.1	6.17	284 57
278	2.5	SK62	6.35	278 56
275	1.9	SK52	6.42	275 55
267	1.5	SK872.1**	6.57	267 53
263	2.8	SK972.1	6.68	263 53

Part Number			5:1 Inverter Duty (Constant Torque)	
SKxxx	-XX-	X.XX		
Output Speed (rpm)	Service Factor	Reducer Model #		
244	2.6	SK972.1	7.19	244 49
243	1.8	SK52	7.27	243 49
233	3.4	SK62	7.56	233 47
229	1.7	SK52	7.7	229 46
208	2.3	SK972.1	8.45	208 42
201	2.8	SK62	8.78	201 40
200	1.6	SK52	8.83	200 40
187	2.2	SK972.1	9.4	187 37
170	2	SK972.1	10.35	170 34
167	2.4	SK62	10.55	167 33
152	2.2	SK62	11.59	152 30
141	2.7	SK72	12.52	141 28
136	1.7	SK972.1	12.86	136 27
129	1.6	SK972.1	13.56	129 26
127	1.8	SK62	13.92	127 25
124	1.5	SK972.1	14.16	124 25
123	2.3	SK72	14.33	123 25
112	1.6	SK62	15.8	112 22
111	1.4	SK972.1	15.84	111 22
105	2	SK72	16.86	105 21
102	1.5	SK63	17.37	102 20
98	2.3	SK73	18	98 20
97	1.4	SK62	18.14	97 19
86	2	SK73	20.62	86 17
84	3.1	SK83	21.04	84 17
82	1.7	SK72	21.64	82 16
81	1.5	SK72	21.72	81 16
76	1.8	SK73	23.34	76 15
72	2.7	SK83	24.42	72 14
63	2.4	SK83	28.03	63 13
62	1.5	SK73	28.32	62 12
54	2.2	SK83	32.52	54 11
45	1.9	SK83	39.08	45 9
40	1.7	SK83	44.38	40 8

** SK872.1 is not available with NEMA adapter -N280TC-

1 Reducer Input Options

-W- Solid Shaft Input Reducer

-N280TC- NEMA C-Face Input Reducer (no motor).

Weights (lb)

	W	N280TC
SK872.1	192	N/A
SK52	207	285
SK972.1	278	336
SK973.1	282	340
SK63	328	386
SK72	529	583
SK73	551	608
SK83	787	844
SK93	1182	1270

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PARTS & ACCESSORIES: SPEED REDUCERS

NORD 60 Hz Motors



40 HP | 40 RPM TO 640 RPM

4-Pole 1750 RPM		Part Number				
Output Speed (rpm)	Service Factor	SKxxx	-XX-	X.XX		
		1	2	3		
Reducer Model #	Input Option (Choose One)	Gear Ratio	5:1 Inverter Duty (Constant Torque)			
			60Hz (rpm)	12Hz (rpm)		
640	2	SK52*		2.78	640	128
599	4.1	SK62		2.97	599	120
551	1.9	SK52*		3.23	551	110
539	3.7	SK62		3.3	539	108
535	3.2	SK972.1**		3.33	535	107
524	1.9	SK52*		3.4	524	105
485	1.8	SK52*		3.67	485	97
478	3.4	SK62		3.72	478	96
476	3	SK972.1**		3.74	476	95
455	3.2	SK62		3.91	455	91
440	2.9	SK62		4.05	440	88
436	1.7	SK52*		4.08	436	87
390	2.9	SK62		4.56	390	78
386	1.6	SK52*		4.61	386	77
350	1.7	SK52*		5.08	350	70
339	2.4	SK972.1**		5.25	339	68
336	2.2	SK62		5.29	336	67
318	3.2	SK72		5.6	318	64
307	1.5	SK52*		5.79	307	61
292	1.5	SK52*		6.09	292	58
288	2.1	SK972.1**		6.17	288	58
280	1.9	SK62		6.35	280	56
277	1.5	SK52*		6.42	277	55
266	2.1	SK972.1**		6.68	266	53
256	3.9	SK72		6.95	256	51
248	2	SK972.1**		7.19	248	50
245	1.3	SK52*		7.27	245	49
235	2.6	SK62		7.56	235	47
231	1.3	SK52*		7.7	231	46

4-Pole 1750 RPM		Part Number				
Output Speed (rpm)	Service Factor	SKxxx	-XX-	X.XX		
Reducer Model #	Input Option (Choose One)	Gear Ratio	5:1 Inverter Duty (Constant Torque)			
			60Hz (rpm)	12Hz (rpm)		
217	3.6	SK72		8.19	217	43
211	1.7	SK972.1**		8.45	211	42
203	2.1	SK62		8.78	203	41
189	1.6	SK972.1**		9.4	189	38
188	3.1	SK72		9.46	188	38
172	1.5	SK972.1**		10.35	172	34
169	1.8	SK62		10.55	169	34
164	2.7	SK72		10.84	164	33
154	1.7	SK62		11.59	154	31
142	2	SK72		12.52	142	28
138	1.3	SK972.1**		12.86	138	28
128	1.4	SK62		13.92	128	26
125	2.9	SK82		14.29	125	25
124	1.8	SK72		14.33	124	25
107	2.5	SK82		16.56	107	21
106	1.5	SK72		16.86	106	21
99	1.7	SK73		18	99	20
86	1.5	SK73		20.62	86	17
85	2.4	SK83		21.04	85	17
76	1.3	SK73		23.34	76	15
73	2	SK83		24.42	73	15
66	2.8	SK93		27.05	66	13
64	1.8	SK83		28.03	64	13
57	2.4	SK93		31.25	57	11
55	1.6	SK83		32.52	55	11
47	3.3	SK103		37.9	47	9
46	1.4	SK83		39.08	46	9
45	1.9	SK93		39.54	45	9
40	2.8	SK103		45.25	40	8

* SK52 is only available with a solid shaft input -W- for this HP

** SK972.1 is not available with NEMA adapter -N320TC-

1 Reducer Input Options

- W- Solid Shaft Input Reducer
- N320TC- NEMA C-Face Input Reducer (no motor)

Weights (lb)

	W	N320TC
SK52	207	N/A
SK972.1	278	N/A
SK62	377	465
SK72	529	617
SK82	935	891
SK83	787	908
SK93	1182	1303
SK103	1830	1887

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 60 Hz Motors



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50 HP | 39 RPM TO 635 RPM

Part Number			5:1 Inverter Duty (Constant Torque)			
4-Pole 1750 RPM	SKxxx	-XX -	X.XX	60Hz (rpm)	12Hz (rpm)	Gear Ratio
Output Speed (rpm)	Reducer Model #	1	2	3		
635	SK52*			2.78	635	127
594	SK62			2.97	594	119
546	SK52*			3.23	546	109
535	SK62			3.3	535	107
530	SK972.1**			3.33	530	106
519	SK52*			3.4	519	104
481	SK52*			3.67	481	96
474	SK62		-W-	3.72	474	95
472	SK972.1**			3.74	472	94
451	SK62			3.91	451	90
436	SK62		-N320TC-	4.05	436	87
433	SK52*			4.08	433	87
387	SK972.1**			4.56	387	77
387	SK62			4.56	387	77
347	SK52*			5.08	347	69
336	SK972.1**			5.25	336	67
334	SK62			5.29	334	67
315	SK72			5.6	315	63
286	SK972.1**			6.17	286	57
278	SK62			6.35	278	56
275	SK72			6.42	275	55
264	SK972.1**			6.68	264	53
254	SK72			6.95	254	51
245	SK972.1**			7.19	245	49
233	SK62			7.56	233	47
216	SK72			8.19	216	43
209	SK972.1**			8.45	209	42

Part Number			5:1 Inverter Duty (Constant Torque)			
4-Pole 1750 RPM	SKxxx	-XX -	X.XX	60Hz (rpm)	12Hz (rpm)	Gear Ratio
Output Speed (rpm)	Reducer Model #	1	2	3		
201	SK62				8.78	201
187	SK72				9.46	187
171	SK82				10.33	171
167	SK62				10.55	167
163	SK72				10.84	163
152	SK62				11.59	152
149	SK82				11.84	149
141	SK72				12.52	141
124	SK82				14.29	124
123	SK72				14.33	123
107	SK82				16.56	107
98	SK73				18	98
92	SK93				19.12	92
84	SK83				21.04	84
83	SK103				21.19	83
77	SK93				22.97	77
72	SK83				24.42	72
70	SK103				25.3	70
65	SK93				27.05	65
63	SK83				28.03	63
60	SK103				29.62	60
56	SK93				31.25	56
54	SK83				32.52	54
47	SK103				37.9	47
45	SK93				39.54	45
39	SK103				45.25	39

* SK52 is only available with a solid shaft input -W- for this HP

** SK972.1 is not available with NEMA adapter -N320TC-

1 Reducer Input Options

-W- Solid Shaft Input Reducer

-N320TC- NEMA C-Face Input Reducer (no motor).

Weights (lb)

	W	N320TC
SK52	207	N/A
SK972.1	278	N/A
SK62	377	465
SK72	529	617
SK82	935	891
SK83	787	908
SK93	1182	1303
SK103	1830	1887

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PARTS & ACCESSORIES: SPEED REDUCERS

NORD 60 Hz Motors



60 HP | 39 RPM TO 596 RPM

		Part Number			5:1 Inverter Duty (Constant Torque)		
		SKXXX	-XX -	X.XX	Gear Ratio	60Hz (rpm)	12Hz (rpm)
4-Pole 1750 RPM		1	2	3			
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)				
596	2.7	SK62		2.97	596	119	
536	2.5	SK62		3.3	536	107	
476	2.3	SK62		3.72	476	95	
453	2.1	SK62		3.91	453	91	
437	1.9	SK62		4.05	437	87	
430	2.7	SK72		4.12	430	86	
388	1.9	SK62		4.56	388	78	
365	2.5	SK72		4.85	365	73	
335	1.5	SK62		5.29	335	67	
316	2.1	SK72		5.6	316	63	
286	2.9	SK82		6.19	286	57	
276	1.8	SK72		6.42	276	55	
255	2.6	SK72		6.95	255	51	
240	3.5	SK82		7.39	240	48	
234	1.7	SK62	-W-	7.56	234	47	
216	2.4	SK72		8.19	216	43	
202	1.4	SK62		8.78	202	40	
201	3.1	SK82		8.82	201	40	
187	2.1	SK72	-N360TC-	9.46	187	37	
171	2.8	SK82		10.33	171	34	
163	1.8	SK72		10.84	163	33	
149	2.5	SK82		11.84	149	30	
143	3.5	SK92		12.39	143	29	
141	1.3	SK72		12.52	141	28	
124	1.9	SK82		14.29	124	25	
123	3.1	SK92		14.36	123	25	
107	2.7	SK92		16.47	107	21	
93	2.6	SK93		19.12	93	19	
84	3.9	SK103		21.19	84	17	
77	2.2	SK93		22.97	77	15	
72	1.4	SK83		24.42	72	14	
70	3.3	SK103		25.3	70	14	
65	1.9	SK93		27.05	65	13	
60	2.8	SK103		29.62	60	12	
57	1.6	SK93		31.25	57	11	
47	2.2	SK103		37.9	47	9	
45	1.3	SK93		39.54	45	9	
39	1.8	SK103		45.25	39	8	

1 Reducer Input Options

Weights (lb)

-W- Solid Shaft Input Reducer
-N360TC- NEMA C-Face Input Reducer (no motor).

	W	N360TC
SK62	377	498
SK72	529	650
SK82	935	1012
SK92	787	1400
SK93	1182	1424
SK103	1830	2083

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 60 Hz Motors



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75 HP | 39 RPM TO 617 RPM

4-Pole 1750 RPM		Part Number		5:1 Inverter Duty (Constant Torque)		
Output Speed (rpm)	Service Factor	SKxxx	-XX-	X.XX	60Hz (rpm)	12Hz (rpm)
617	3.6	SK82			2.89	617
492	3.6	SK82			3.62	492
402	3.3	SK82			4.43	402
337	3	SK82			5.29	337
288	2.3	SK82			6.19	288
241	2.8	SK82			7.39	241
202	2.5	SK82			8.82	202
173	2.2	SK82			10.33	173
151	2	SK82			11.84	151
144	2.9	SK92			12.39	144
125	1.5	SK82			14.29	125
124	2.5	SK92			14.36	124
108	2.1	SK92			16.47	108
93	2.1	SK93			19.12	93
84	3.1	SK103			21.19	84
78	1.8	SK93			22.97	78
70	2.6	SK103			25.3	70
66	1.5	SK93			27.05	66
60	2.3	SK103			29.62	60
57	1.3	SK93			31.25	57
47	1.8	SK103			37.9	47
39	1.5	SK103			45.25	39
						8

' Reducer Input Options

Weights (lb)

- W- Solid Shaft Input Reducer
- N360TC- NEMA C-Face Input Reducer (no motor)

	W	N360TC
SK82	935	1012
SK92	787	1400
SK93	1182	1424
SK103	1830	2083

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PARTS & ACCESSORIES:
SPEED REDUCERS
NORD 60 Hz Motors



100 HP | 47 RPM TO 619 RPM

		Part Number			5:1 Inverter Duty (Constant Torque)	
		SKXXX	-XX -	X.XX		
4-Pole 1750 RPM		1	2	3	60Hz (rpm)	12Hz (rpm)
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)		Gear Ratio	
619	2.7	SK82	-W-	-W-	2.89	619
494	2.7	SK82			3.62	494
404	2.5	SK82			4.43	404
342	5.1	SK102			5.23	342
338	2.3	SK82			5.29	338
315	3.2	SK92			5.68	315
289	1.7	SK82			6.19	289
287	4.6	SK102			6.24	287
267	2.9	SK92			6.7	267
242	2.1	SK82			7.39	242
238	3.8	SK102			7.5	238
230	2	SK92			7.78	230
203	1.9	SK82			8.82	203
180	3.8	SK102			9.96	180
173	1.7	SK82			10.33	173
170	2.4	SK92			10.5	170
151	3.3	SK102			11.88	151
144	2.1	SK92			12.39	144
125	2.9	SK102			14.29	125
109	1.6	SK92			16.47	109
108	2.6	SK102			16.63	108
94	1.6	SK93			19.12	94
92	2.2	SK102			19.37	92
84	2.4	SK103			21.19	84
78	1.3	SK93			22.97	78
71	2	SK103			25.3	71
60	1.7	SK103			29.62	60
47	1.3	SK103			37.9	47
						9

1 Reducer Input Options

Weights (lb)

-W- Solid Shaft Input Reducer

	W
SK82	935
SK92	787
SK93	1182
SK102	1810
SK103	1830

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 60 Hz Motors



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125 HP | 60 RPM TO 509 RPM

4-Pole 1750 RPM		Part Number		5:1 Inverter Duty (Constant Torque)			
Output Speed (rpm)	Service Factor	SKxxx	-XX -	X.XX	Gear Ratio	60Hz (rpm)	12Hz (rpm)
509	3.2	SK92	1 Reducer Model #	-W-	3.51	509	102
341	4.1	SK102			5.23	341	68
314	2.5	SK92			5.68	314	63
286	3.7	SK102			6.24	286	57
267	2.3	SK92			6.7	267	53
238	3	SK102			7.5	238	48
230	1.6	SK92			7.78	230	46
179	3	SK102			9.96	179	36
170	1.9	SK92			10.5	170	34
150	2.7	SK102			11.88	150	30
144	1.7	SK92			12.39	144	29
125	2.3	SK102			14.29	125	25
124	1.5	SK92			14.36	124	25
108	1.3	SK92			16.47	108	22
107	2.1	SK102			16.63	107	21
92	1.7	SK102			19.37	92	18
84	1.9	SK103			21.19	84	17
71	1.6	SK103			25.3	71	14
60	1.4	SK103			29.62	60	12

¹ Reducer Input Options

Weights (lb)

-W- Solid Shaft Input
Reducer

	W
SK92	787
SK102	1810
SK103	1830

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**PARTS & ACCESSORIES:
SPEED REDUCERS**
NORD 60 Hz Motors



150 HP | 71 RPM TO 509 RPM

4-Pole 1750 RPM		Part Number			5:1 Inverter Duty (Constant Torque)	
		SKxxx	-XX-	X.XX		
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)	Gear Ratio	60Hz (rpm)	12Hz (rpm)
509	2.7	SK92	-W-	3.51	509	102
342	3.4	SK102		5.23	342	68
315	2.1	SK92		5.68	315	63
287	3.1	SK102		6.24	287	57
267	1.9	SK92		6.7	267	53
238	2.5	SK102		7.5	238	48
230	1.3	SK92		7.78	230	46
180	2.5	SK102		9.96	180	36
170	1.6	SK92		10.5	170	34
151	2.2	SK102		11.88	151	30
144	1.4	SK92		12.39	144	29
125	1.9	SK102		14.29	125	25
108	1.7	SK102		16.63	108	22
92	1.5	SK102		19.37	92	18
84	1.6	SK103		21.19	84	17
71	1.3	SK103		25.3	71	14

¹ Reducer Input Options

Weights (lb)

-W- Solid Shaft Input
Reducer

	W
SK92	787
SK102	1810
SK103	1830

**PARTS & ACCESSORIES:
SPEED REDUCERS**

NORD 60 Hz Motors



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175 HP | 108 RPM TO 510 RPM

		Part Number					
		SKxxx	-XX -	X.XX			
4-Pole 1750 RPM		1	2	3	Duty (Constant)		
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)	Gear Ratio	60Hz (rpm)	12Hz (rpm)	
510	2.3	SK92	-W-	3.51	510	102	
418	3.2	SK102		4.28	418	84	
342	2.9	SK102		5.23	342	68	
315	1.8	SK92		5.68	315	63	
287	2.6	SK102		6.24	287	57	
267	1.7	SK92		6.7	267	53	
239	2.2	SK102		7.5	239	48	
180	2.2	SK102		9.96	180	36	
170	1.4	SK92		10.5	170	34	
151	1.9	SK102		11.88	151	30	
125	1.7	SK102		14.29	125	25	
108	1.5	SK102		16.63	108	22	

1 Reducer Input Options

Weights (lb)

-W- Solid Shaft Input Reducer

	W
SK92	787
SK102	1810

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**PARTS & ACCESSORIES:
SPEED REDUCERS
NORD 60 Hz Motors**



200 HP | 108 RPM TO 510 RPM

4-Pole 1750 RPM		Part Number			5:1 Inverter Duty (Constant Torque)		
		SKxxx	-XX -	X.XX	Gear Ratio	60Hz (rpm)	12Hz (rpm)
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)	3			
510	2	SK92	-W-	3.51	510	102	
418	2.8	SK102		4.28	418	84	
342	2.5	SK102		5.23	342	68	
315	1.6	SK92		5.68	315	63	
287	2.3	SK102		6.24	287	57	
267	1.5	SK92		6.7	267	53	
239	1.9	SK102		7.5	239	48	
180	1.9	SK102		9.96	180	36	
151	1.7	SK102		11.88	151	30	
125	1.5	SK102		14.29	125	25	
108	1.3	SK102		16.63	108	22	

1 Reducer Input Options

Weights (lb)

-W- Solid Shaft Input
Reducer

	W
SK92	787
SK102	1810

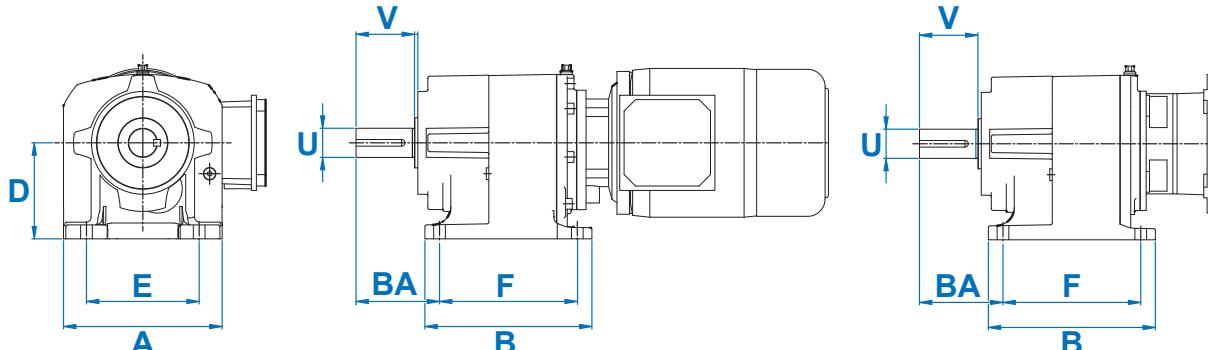
PARTS & ACCESSORIES: SPEED REDUCERS

NORD 60 Hz Motors



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BASIC DIMENSIONS



NORDBLOC.1

Size		A	B	BA	D	E	F	U	V
SK 072.1	in	4.09	4.29	1.89	2.56	3.35	3.74	0.750	1.57
	mm	103.9	109.0	48.0	65.0	85.1	95.0	19.1	39.9
SK 172.1	in	5.51	5.31	2.28	2.95	4.33	4.33	0.750	1.57
	mm	140.0	134.9	57.9	74.9	110.0	110.0	19.1	39.9
SK 372.1	in	5.91	6.30	2.95	3.54	4.33	5.12	1.000	1.97
SK 373.1	mm	150.1	160.0	74.9	89.9	110.0	130.0	25.4	50.0
SK 572.1	in	7.48	7.87	3.54	4.53	5.31	6.50	1.375	2.75
SK 573.1	mm	190.0	199.9	89.9	115.1	134.9	165.1	34.9	69.9
SK 672.1	in	8.27	9.25	3.93	5.15	5.91	7.68	1.375	2.75
SK 673.1	mm	210.1	235.0	99.8	130.8	150.1	195.1	34.9	69.9
SK 772.1	in	9.33	9.65	4.57	5.51	6.69	8.07	1.625	3.15
SK 773.1	mm	237.0	245.1	116.1	140.0	169.9	205.0	41.3	80.0
SK 872.1	in	11.81	12.20	5.55	7.09	8.46	10.24	2.125	3.94
SK 873.1	mm	300.0	309.9	141.0	180.1	214.9	260.1	54.0	100.1
SK 972.1	in	13.70	14.37	6.33	8.86	9.84	12.20	2.375	4.77
SK 973.1	mm	348.0	365.0	160.8	225.0	249.9	309.9	60.3	121.2

NORD IN-LINE

Size		A	B	BA	D	E	F	U	V
SK 02	in	5.12	5.28	1.97	3.39	4.33	2.36	0.75	1.66
	mm	130	134.1	50	86.1	110	59.9	19.1	42.2
SK 03	in	5.32	5.47	3.27	4.02	4.13	2.44	1	2.32
	mm	135.1	138.9	83.1	102.1	104.9	62	25.4	58.9
SK 12	in	7.28	6.89	3.3	4.92	6.3	3.15	1.25	2.95
	mm	184.9	175	83.8	125	160	80	31.8	74.9
SK 22	in	8.27	8.43	3.88	6.1	7.28	4.72	1.625	3.49
	mm	210.1	214.1	98.6	154.9	184.9	119.9	41.3	88.6
SK 42	in	8.47	9.41	5.08	6.89	6.89	4.72	1.875	3.74
	mm	215.1	239	129	175	175	119.9	47.6	95
SK 52	in	10.24	11.14	5.18	8.35	8.66	5.91	2.25	4.24
	mm	260.1	283	131.6	212.1	220	150.1	57.2	107.7
SK 62	in	12.99	13.58	6.34	9.84	10.24	11.61	2.5	5.24
	mm	329.9	344.9	161	249.9	260.1	294.9	63.5	133.1
SK 72	in	15.75	15.16	7.04	11.02	12.8	12.99	3	5.74
	mm	400.1	385.1	178.8	279.9	325.1	329.9	76.2	145.8
SK 82	in	17.72	18.58	8.52	12.4	14.17	15.75	3.5	6.99
	mm	450.1	471.9	216.4	315	359.9	400.1	88.9	177.5
SK 92	in	21.65	21.26	10.67	15.35	17.32	17.72	4.25	8.82
	mm	549.9	540	271	389.9	439.9	450.1	108	224
SK 102	in	23.62	24.61	12.76	17.72	18.9	19.88	5.25	10.39
	mm	599.9	625.1	324.1	450.1	480.1	505	133.4	263.9