

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 50 Hz Motors



Section	1989
Page	1989.1
Issue	B

TABLE OF CONTENTS

Related Products	1
Operating Range.....	1
Major Design Features	1
Helical In-Line Standard Features	2
Nordbloc.1® Standard Features	2
Selecting the Correct Nord Reducer	3
Service Factor Table	4
Driven Load Classifications	4
0.37 KW 30 RPM to 655 RPM.....	5
0.55 KW 30 RPM to 589 RPM.....	6
0.75 KW 29 RPM to 568 RPM.....	7
1.1 KW 30 RPM to 572 RPM.....	8
1.5 KW 30 RPM to 572 RPM.....	9
2.2 KW 30 RPM to 520 RPM.....	10
3 KW 30 RPM to 526 RPM.....	11
5.5 KW 32 RPM to 521 RPM.....	12
7.5 KW 30 RPM to 521 RPM.....	13
11 KW 31 RPM to 468 RPM	14
15 KW 32 RPM to 466 RPM	15
18.5 KW 32 RPM to 506 RPM.....	16
22 KW 32 RPM to 508 RPM	17
30 KW 31 RPM to 512 RPM	18
37 KW 31 RPM to 508 RPM	19
45 KW 31 RPM to 476 RPM	20
55 KW 38 RPM to 493 RPM	21
75 KW 48 RPM to 495 RPM	22
90 KW 57 RPM to 407 RPM	23
110 KW 67 RPM to 407 RPM	24
132 KW 100 RPM to 408 RPM	25
160 KW 121 RPM to 408 RPM	26
Basic Dimensions	27

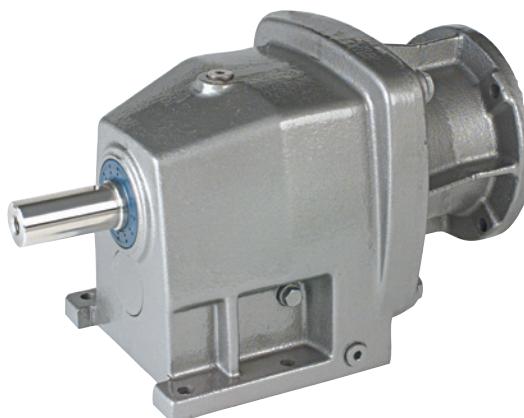
RELATED PRODUCTS

Parts & Accessories, Nord 60Hz Motors: Catalog Section 1988

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

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



OPERATING RANGE

Gear Ratio Range	Output Speeds (with 1400 rpm input)	Reducer Kilowatt Range:
From 2.1:1 to 45.77:1 (varies by reducer size)	655 to 29 rpm (varies by reducer size)	0.37 KW to 160 KW

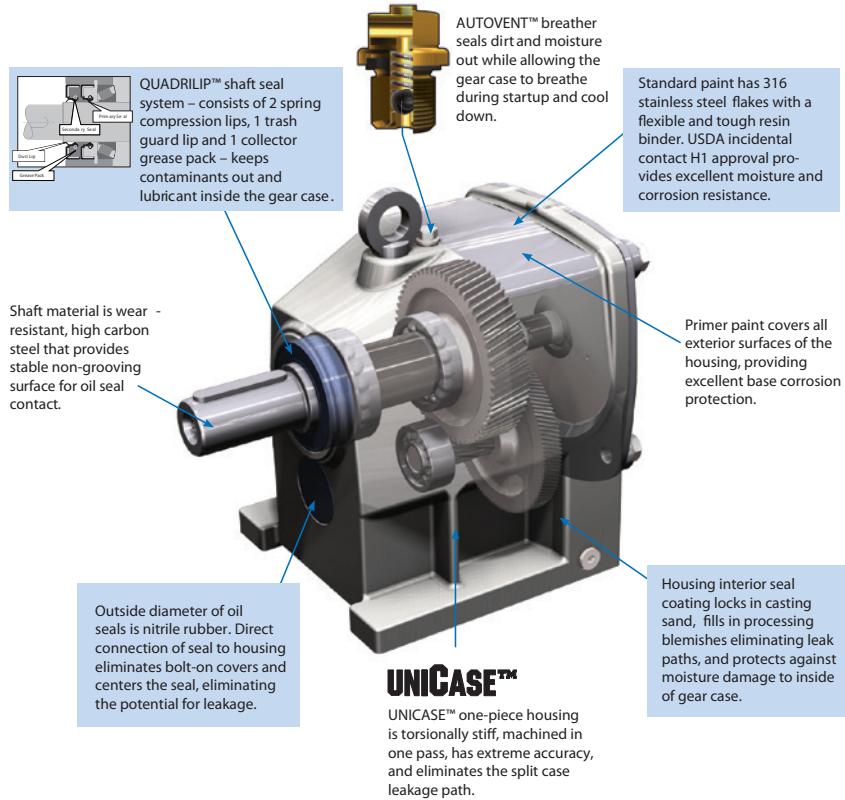
Nordbloc.1® is a registered trademark of NORD Gear Corporation

Section	1989
Page	1989.2
Issue	B

PARTS & ACCESSORIES: SPEED REDUCERS NORD 50 Hz Motors

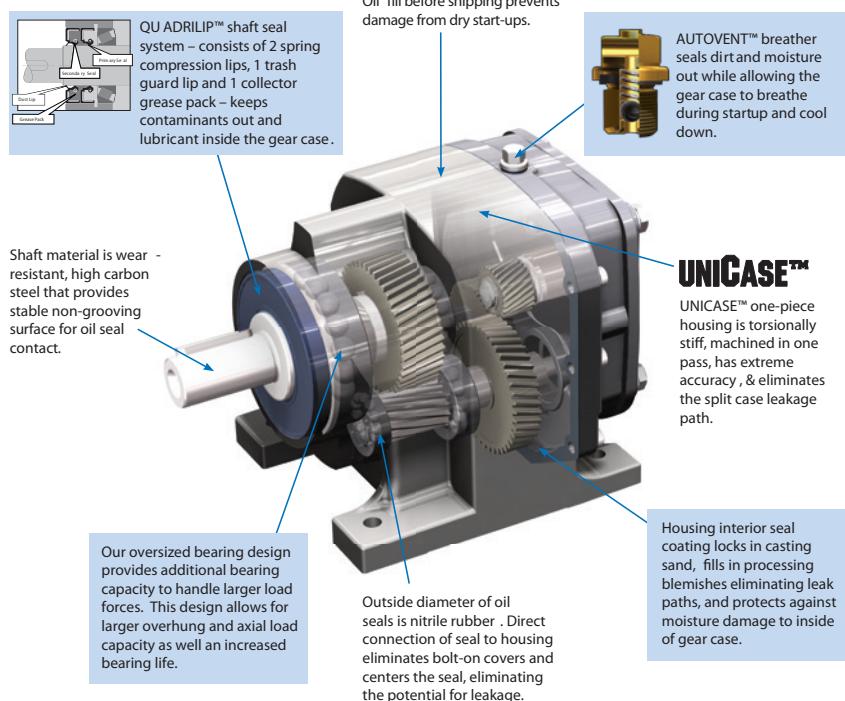


HELICAL IN-LINE STANDARD FEATURES



NORDBLOC.1® STANDARD FEATURES

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



PARTS & ACCESSORIES:

SPEED REDUCERS

NORD 50 Hz Motors



Section	1989
Page	1989.3
Issue	B

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 2.7 kW requirement, go to the 3 kW 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 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: 408 RPM output speed, solid input shaft.
Part # = **SK92-W-3.51**

Part Number			5:1 Inverter Duty (Constant Torque)	
SKxxx	-XX-	X.XX		
4-Pole 1400 RPM	Reducer Model #	1 Input Option (Choose One)		
Output Speed (rpm)	Service Factor			
408	1.8	SK92	3.51	408 82
334	2.6	SK102	4.28	334 67
273	2.3	SK102	5.28	273 55
252	1.4	SK92	5.68	252 50
229	2	SK102	6.24	229 46
213	1.4	SK92	6.7	213 43
191	1.8	SK102	7.5	191 38
144	1.8	SK102	9.96	144 29
121	1.5	SK102	11.88	121 24
100	1.4	SK102	14.29	100 20

1 Reducer Input Options

- W- Solid Shaft Input Reducer
- IEC315- IEC C-Face Input Reducer (no motor).

- b. Reducer: 454 RPM output speed, IEC90 frame motor.
Part # = **SK172.1-IEC90-2.92**

Part Number			5:1 Inverter Duty (Constant Torque)	
SKxxx	-XX-	X.XX		
4-Pole 1400 RPM	Reducer Model #	1 Input Option (Choose One)		
Output Speed (rpm)	Service Factor			
572	1.8	SK172.1	-W-	2.32 572 114
533	1.6	SK172.1		2.49 533 107
507	3.2	SK372.1		2.62 507 101
488	1.6	SK172.1		2.72 488 98
464	3	SK372.1		2.86 464 93
454	1.6	SK172.1	-IEC90-	2.92 454 91
450	1.4	SK02		2.95 450 90
425	3	SK372.1		3.12 425 85
412	1.6	SK172.1		3.22 412 82
392	1.4	SK02		3.38 392 78

1 Reducer Input Options

- W- Solid Shaft Input Reducer
- IEC90- IEC C-Face Input Reducer (no motor).

Section	1989
Page	1989.4
Issue	B

**PARTS & ACCESSORIES:
SPEED REDUCERS
NORD 50 Hz Motors**



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

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 50 Hz Motors



Section	1989
Page	1989.5
Issue	B

0.37 KW | 30 RPM TO 655 RPM

Part Number		
SKxxx	-XX -	X.XX
4-Pole 1400 RPM		
Output Speed (rpm)	Service Factor	Reducer Model #
655	5.5	SK072.1*
592	6.4	SK172.1
590	5.4	SK072.1*
552	6.2	SK172.1
535	5.5	SK072.1*
505	6.4	SK172.1
483	5.4	SK072.1*
471	6.2	SK172.1
466	6.1	SK02
427	6.4	SK172.1
419	5.4	SK072.1*
407	5.9	SK02
397	6	SK172.1
384	5.2	SK072.1*
363	6	SK172.1
353	5.3	SK02
351	4.4	SK072.1*
329	6	SK172.1
326	4.8	SK02
319	4.5	SK072.1*
297	6	SK172.1
288	4.3	SK072.1*
285	4.6	SK02
268	6.2	SK172.1
259	4	SK072.1*
250	3.8	SK072.1*
247	4	SK02
238	5.1	SK172.1
231	3.6	SK072.1*
225	3.6	SK02
213	5	SK172.1
209	3.1	SK072.1*
200	3.4	SK02
194	4.5	SK172.1
190	3	SK072.1*
177	3.1	SK02
176	4.1	SK172.1
172	2.6	SK072.1*
168	3	SK02

Part Number		
SKxxx	-XX -	X.XX
4-Pole 1400 RPM		
Output Speed (rpm)	Service Factor	Reducer Model #
158	3.9	SK172.1
154	2.4	SK072.1*
148	2.7	SK02
141	3.4	SK172.1
138	2.5	SK02
127	3	SK172.1
122	2.3	SK02
121	2.9	SK172.1
119	1.7	SK072.1*
114	2.8	SK172.1
107	2.2	SK02
104	1.4	SK072.1*
101	2.4	SK172.1
95	1.4	SK072.1*
94	5	SK372.1
87	2	SK172.1
86	1.8	SK02
82	3.6	SK12
74	3.4	SK12
67	1.6	SK172.1
65	3	SK12
62	1.6	SK172.1
59	1.3	SK02
58	3.5	SK373.1
57	1.4	SK02
55	1.4	SK172.1
53	3.1	SK373.1
50	1.3	SK172.1
47	1.7	SK12
46	2.7	SK373.1
44	2	SK12
42	2.3	SK373.1
41	2.2	SK372.1
39	1.7	SK12
37	2	SK373.1
36	1.8	SK12
33	4.2	SK573.1
32	1.5	SK372.1
30	2.7	SK572.1

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

1 Reducer Input Options

- W- Solid Shaft Input Reducer
- IEC71- IEC C-Face Input Reducer (no motor).

Weights (kg)

	W	IEC71
SK072.1	N/A	4
SK02	12	14
SK172.1	7	7
SK12	14	16
SK372.1	11	10
SK373.1	12	11
SK572.1	18	18
SK573.1	19	19
SK22	29	27

Section	1989
Page	1989.6
Issue	B

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 50 Hz Motors



0.55 KW | 30 RPM TO 589 RPM

4-Pole 1400 RPM		Part Number		
Output Speed (rpm)	Service Factor	SKxxx	-XX-	X.XX
		1	2	3
		Reducer Model #	1 Input Option (Choose One)	Gear Ratio
				5:1 Inverter Duty (Constant Torque)
				50Hz (rpm) 10Hz (rpm)
589	4.7	SK172.1		2.32 589 118
549	4.4	SK172.1		2.49 549 110
503	4.3	SK172.1		2.72 503 101
468	4.4	SK172.1		2.92 468 94
464	4	SK02		2.95 464 93
424	4.3	SK172.1		3.22 424 85
404	3.8	SK02		3.38 404 81
395	4	SK172.1		3.46 395 79
360	4	SK172.1		3.79 360 72
352	3.5	SK02		3.89 352 70
328	4	SK172.1		4.17 328 66
324	3.1	SK02		4.22 324 65
296	4	SK172.1		4.62 296 59
284	3	SK02		4.82 284 57
266	4.2	SK172.1		5.14 266 53
245	2.6	SK02		5.57 245 49
236	3.4	SK172.1		5.77 236 47
224	2.4	SK02		6.1 224 45
212	3.3	SK172.1		6.43 212 42
198	2.2	SK02		6.89 198 40
194	3	SK172.1		7.08 194 39
175	2	SK02		7.8 175 35
174	2.7	SK172.1		7.83 174 35
167	2	SK02		8.19 167 33
156	2.6	SK172.1		8.72 156 31
147	1.8	SK02		9.28 147 29
140	2.2	SK172.1		9.79 140 28
138	1.7	SK02		9.95 138 28
128	3.2	SK12		10.7 128 26
126	2	SK172.1		10.83 126 25
122	1.5	SK02		11.27 122 24

Part Number				
4-Pole 1400 RPM	Output Speed (rpm)	Service Factor		
SKxxx	-XX-	X.XX		
1	2	3		
Reducer Model #	1 Input Option (Choose One)	Gear Ratio		
		5:1 Inverter Duty (Constant Torque)		
		50Hz (rpm) 10Hz (rpm)		
120	1.9	SK172.1		11.39 120 24
114	1.8	SK172.1		12.06 114 23
106	1.4	SK02		12.82 106 21
105	3.9	SK372.1		12.96 105 21
102	2.9	SK12		13.39 102 20
101	1.6	SK172.1		13.54 101 20
94	3.4	SK372.1		14.57 94 19
87	1.4	SK172.1		15.76 87 17
83	3	SK372.1		16.5 83 17
82	2.3	SK12		16.73 82 16
74	2.8	SK372.1		18.4 74 15
73	2.2	SK12		18.79 73 15
66	2.6	SK373.1		20.52 66 13
64	2	SK12		21.28 64 13
60	2.4	SK373.1		22.74 60 12
59	2.2	SK372.1		23 59 12
58	2.3	SK373.1		23.41 58 12
55	2.6	SK22		24.73 55 11
53	2	SK373.1		25.94 53 11
46	1.8	SK373.1		29.77 46 9
44	3.6	SK573.1		30.93 44 9
42	1.5	SK373.1		33.2 42 8
41	1.4	SK372.1		33.84 41 8
39	3.2	SK573.1		34.8 39 8
38	2.6	SK572.1		35.65 38 8
37	1.4	SK373.1		37.23 37 7
36	3	SK573.1		38.02 36 7
33	2.7	SK573.1		42.18 33 7
32	2.2	SK572.1		42.38 32 6
31	2.6	SK573.1		43.4 31 6
30	1.8	SK572.1		45.77 30 6

1 Reducer Input Options

- W- Solid Shaft Input Reducer
- IEC80- IEC C-Face Input Reducer (no motor).

Weights (kg)

	W	IEC80
SK02	12	17
SK172.1	7	7
SK12	14	19
SK372.1	11	10
SK373.1	12	11
SK572.1	18	18
SK573.1	19	19
SK22	29	31

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 50 Hz Motors



Section	1989
Page	1989.7
Issue	B

0.75 KW | 29 RPM TO 568 RPM

Part Number			5:1 Inverter Duty (Constant Torque)					
4-Pole 1400 RPM	SKxxx	-XX -	X.XX	50Hz (rpm)	10Hz (rpm)			
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)	Gear Ratio	50Hz (rpm)	10Hz (rpm)		
568	3.4	SK172.1	-W-	2.32	568	114		
530	3.2	SK172.1		2.49	530	106		
485	3.1	SK172.1		2.72	485	97		
452	3.2	SK172.1		2.92	452	90		
447	2.9	SK02		2.95	447	89		
409	3.1	SK172.1		3.22	409	82		
390	2.8	SK02		3.38	390	78		
381	2.9	SK172.1		3.46	381	76		
348	2.9	SK172.1		3.79	348	70		
339	2.5	SK02		3.89	339	68		
316	2.9	SK172.1	-IEC80-	4.17	316	63		
312	2.2	SK02		4.22	312	62		
285	2.9	SK172.1		4.62	285	57		
273	2.2	SK02		4.82	273	55		
256	3	SK172.1		5.14	256	51		
236	1.9	SK02		5.57	236	47		
228	2.5	SK172.1		5.77	228	46		
216	1.8	SK02		6.1	216	43		
206	2.4	SK172.1		6.43	206	41		
191	1.6	SK02		6.89	191	38		
186	2.2	SK172.1	-W-	7.08	186	37		
182	3.1	SK12		7.28	182	36		
170	1.5	SK02		7.8	170	34		
169	1.9	SK172.1		7.83	169	34		
168	3	SK12		7.85	168	34		
161	3.8	SK372.1		8.22	161	32		
154	2.8	SK12		8.56	154	31		
151	1.8	SK172.1		8.72	151	30		
142	1.3	SK02		9.28	142	28		
141	3.6	SK372.1		9.4	141	28		
137	2.6	SK12	-IEC80-	9.65	137	27		
135	1.6	SK172.1		9.79	135	27		
129	3.4	SK372.1		10.28	129	26		

Part Number			5:1 Inverter Duty (Constant Torque)				
4-Pole 1400 RPM	SKxxx	-XX -	X.XX	50Hz (rpm)	10Hz (rpm)		
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)	Gear Ratio	50Hz (rpm)	10Hz (rpm)	
123	2.3	SK12	-W-	10.7	123	25	
122	1.4	SK172.1		10.83	122	24	
116	1.4	SK172.1		11.39	116	23	
114	3	SK372.1		11.55	114	23	
110	1.4	SK172.1		12.06	110	22	
101	2.9	SK372.1		12.96	101	20	
98	2	SK12		13.39	98	20	
90	2.4	SK372.1		14.57	90	18	
80	2.2	SK372.1		16.5	80	16	
79	1.7	SK12		16.73	79	16	
72	2	SK372.1	-IEC80-	18.4	72	14	
71	1.8	SK373.1		18.63	71	14	
70	1.6	SK12		18.79	70	14	
64	1.9	SK373.1		20.52	64	13	
62	1.4	SK12		21.28	62	12	
58	1.7	SK373.1		22.74	58	12	
56	1.7	SK373.1		23.41	56	11	
55	3.4	SK573.1		23.79	55	11	
54	1.8	SK22		24.73	54	11	
51	1.5	SK373.1		25.94	51	10	
50	3	SK573.1	-W-	26.77	50	10	
49	2.7	SK572.1		27	49	10	
46	2.4	SK572.1		28.91	46	9	
45	1.8	SK22		29.31	45	9	
44	1.3	SK373.1		29.77	44	9	
42	2.6	SK573.1		30.93	42	8	
38	2.3	SK573.1		34.8	38	8	
37	1.9	SK572.1		35.65	37	7	
34	2.2	SK573.1		38.02	34	7	
31	2	SK573.1		42.18	31	6	
30	1.9	SK573.1	-IEC80-	43.4	30	6	
29	1.3	SK572.1		45.77	29	6	

1 Reducer Input Options

-W- Solid Shaft Input Reducer

-IEC80- IEC C-Face Input Reducer (no motor).

Weights (kg)

	W	IEC80
SK02	12	17
SK172.1	7	7
SK12	14	19
SK372.1	11	10
SK373.1	12	11
SK572.1	18	18
SK573.1	19	19
SK22	29	31
SK672.1	24	23
SK673.1	25	24

Section	1989
Page	1989.8
Issue	B

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 50 Hz Motors



1.1 KW | 30 RPM TO 572 RPM

4-Pole 1400 RPM		Part Number			5:1 Inverter Duty (Constant Torque)		4-Pole 1400 RPM		Part Number			5:1 Inverter Duty (Constant Torque)			
Output Speed (rpm)	Service Factor	SKxxx	-XX -	X.XX	1	2	3	Output Speed (rpm)	Service Factor	SKxxx	-XX -	X.XX	1	2	3
572	2.3	SK172.1			2.32	572	114	138	1.8	SK12			9.65	138	28
533	2.2	SK172.1			2.49	533	107	129	2.3	SK372.1			10.28	129	26
488	2	SK172.1			2.72	488	98	124	1.5	SK12			10.7	124	25
454	2.2	SK172.1			2.92	454	91	122	3.6	SK22			10.89	122	24
450	1.9	SK02			2.95	450	90	115	2	SK372.1			11.55	115	23
412	2	SK172.1			3.22	412	82	109	3.4	SK22			12.2	109	22
392	1.8	SK02			3.38	392	78	102	1.9	SK372.1			12.96	102	20
384	1.9	SK172.1			3.46	384	77	99	1.4	SK12			13.39	99	20
350	1.9	SK172.1			3.79	350	70	91	1.6	SK372.1			14.57	91	18
341	1.7	SK02			3.89	341	68	90	2.9	SK22			14.69	90	18
333	3.5	SK12			3.98	333	67	81	3	SK572.1			16.46	81	16
318	1.9	SK172.1			4.17	318	64	79	2.5	SK22			16.75	79	16
317	3.8	SK372.1			4.18	317	63	76	3	SK573.1			17.42	76	15
314	1.5	SK02			4.22	314	63	72	1.4	SK372.1			18.4	72	14
307	3.2	SK12			4.32	307	61	71	1.3	SK373.1			18.63	71	14
296	3.3	SK12			4.49	296	59	69	2.8	SK573.1			19.22	69	14
287	1.9	SK172.1			4.62	287	57	68	2.6	SK572.1			19.57	68	14
284	3.8	SK372.1			4.66	284	57	66	1.8	SK22			20.03	66	13
275	1.4	SK02			4.82	275	55	65	1.3	SK373.1			20.52	65	13
269	3	SK12			4.93	269	54	62	2.5	SK573.1			21.32	62	12
258	2	SK172.1			5.14	258	52	61	2.4	SK572.1			21.85	61	12
253	3.8	SK372.1			5.24	253	51	56	2.2	SK573.1			23.79	56	11
238	1.3	SK02			5.57	238	48	54	2.2	SK572.1			24.58	54	11
230	1.7	SK172.1			5.77	230	46	50	2	SK573.1			26.77	50	10
229	2.6	SK12			5.79	229	46	49	2.7	SK32			27.24	49	10
223	3.4	SK372.1			5.95	223	45	46	1.6	SK572.1			28.91	46	9
206	1.6	SK172.1			6.43	206	41	44	2.6	SK32			30.43	44	9
203	2.4	SK12			6.53	203	41	43	1.8	SK573.1			30.93	43	9
202	3	SK372.1			6.58	202	40	42	2	SK32			31.16	42	8
193	3	SK372.1			6.89	193	39	41	2.3	SK672.1			32.58	41	8
187	1.4	SK172.1			7.08	187	37	40	1.4	SK32			33.05	40	8
184	2.9	SK372.1			7.23	184	37	38	1.6	SK573.1			34.8	38	8
182	2	SK12			7.28	182	36	37	1.9	SK672.1			35.75	37	7
170	1.3	SK172.1			7.83	170	34	36	2.2	SK673.1			37.23	36	7
169	2	SK12			7.85	169	34	35	1.4	SK573.1			38.02	35	7
162	2.7	SK372.1			8.22	162	32	34	2.7	SK773.1			39.06	34	7
155	1.9	SK12			8.56	155	31	32	1.9	SK673.1			41.54	32	6
152	1.3	SK172.1			8.72	152	30	31	1.4	SK573.1			42.18	31	6
142	2.5	SK372.1			9.4	142	28	30	1.8	SK673.1			44.85	30	6

1 Reducer Input Options

- W- Solid Shaft Input Reducer
- IEC90- IEC C-Face Input Reducer (no motor).

Weights (kg)

	W	IEC90
SK02	12	17
SK172.1	7	7
SK12	14	19
SK372.1	11	10
SK373.1	12	11
SK572.1	18	18
SK573.1	19	19
SK22	29	31
SK672.1	24	23
SK673.1	25	24
SK32	40	42
SK773.1	44	46

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 50 Hz Motors



Section	1989
Page	1989.9
Issue	B

1.5 KW | 30 RPM TO 572 RPM

4-Pole 1400 RPM		Part Number		
Output Speed (rpm)	Service Factor	SKXXX	-XX-	X.XX
Reducer Model #	1	2	3	5:1 Inverter Duty (Constant Torque)
				Gear Ratio 50Hz (rpm) 10Hz (rpm)
572	1.8	SK172.1		2.32 572 114
533	1.6	SK172.1		2.49 533 107
507	3.2	SK372.1		2.62 507 101
488	1.6	SK172.1		2.72 488 98
464	3	SK372.1		2.86 464 93
454	1.6	SK172.1		2.92 454 91
450	1.4	SK02		2.95 450 90
425	3	SK372.1		3.12 425 85
412	1.6	SK172.1		3.22 412 82
392	1.4	SK02		3.38 392 78
387	3	SK372.1		3.43 387 77
384	1.4	SK172.1		3.46 384 77
351	3	SK372.1		3.78 351 70
350	1.4	SK172.1		3.79 350 70
341	1.3	SK02		3.89 341 68
318	1.4	SK172.1		4.17 318 64
317	2.9	SK372.1	-W-	4.18 317 63
296	2.5	SK12	-IEC90-	4.49 296 59
287	1.4	SK172.1		4.62 287 57
284	2.8	SK372.1		4.66 284 57
269	2.2	SK12		4.93 269 54
258	1.5	SK172.1		5.14 258 52
253	2.9	SK372.1		5.24 253 51
230	1.3	SK172.1		5.77 230 46
229	2	SK12		5.79 229 46
223	2.5	SK372.1		5.95 223 45
203	1.8	SK12		6.53 203 41
202	2.2	SK372.1		6.58 202 40
194	3.4	SK22		6.86 194 39
193	2.3	SK372.1		6.89 193 39
184	2.2	SK372.1		7.23 184 37
182	1.6	SK12		7.28 182 36
175	3	SK22		7.57 175 35
169	1.5	SK12		7.85 169 34
162	2	SK372.1		8.22 162 32
156	2.9	SK22		8.48 156 31
155	1.4	SK12		8.56 155 31
142	1.9	SK372.1		9.4 142 28
138	1.3	SK12		9.65 138 28
132	3.2	SK572.1		10.04 132 26
129	1.8	SK372.1		10.28 129 26

4-Pole 1400 RPM		Part Number		
Output Speed (rpm)	Service Factor	SKXXX	-XX-	X.XX
Reducer Model #	1	2	3	5:1 Inverter Duty (Constant Torque)
				Gear Ratio 50Hz (rpm) 10Hz (rpm)
122	2.7	SK22		10.89 122 24
118	3.1	SK572.1		11.25 118 24
115	1.5	SK372.1		11.55 115 23
109	2.5	SK22		12.2 109 22
105	3	SK572.1		12.68 105 21
102	1.4	SK372.1		12.96 102 20
97	2.7	SK572.1		13.67 97 19
90	2.2	SK22		14.69 90 18
86	2.6	SK572.1		15.38 86 17
81	2.2	SK572.1		16.46 81 16
79	1.9	SK22		16.75 79 16
77	3	SK672.1		17.25 77 15
76	2.3	SK573.1		17.42 76 15
72	2.7	SK672.1		18.41 72 14
71	3.1	SK32		18.67 71 14
69	2	SK573.1		19.22 69 14
68	1.9	SK572.1	-W-	19.57 68 14
66	1.4	SK22	-IEC90-	20.03 66 13
65	2.7	SK672.1		20.62 65 13
64	3	SK32		20.7 64 13
62	1.9	SK573.1		21.32 62 12
61	1.8	SK572.1		21.85 61 12
58	2.6	SK32		23.12 58 12
56	1.7	SK573.1		23.79 56 11
54	1.6	SK572.1		24.58 54 11
53	1.8	SK673.1		25.19 53 11
50	1.5	SK573.1		26.77 50 10
49	2	SK32		27.24 49 10
48	1.8	SK673.1		27.61 48 10
46	1.8	SK672.1		29.08 46 9
44	1.9	SK32		30.43 44 9
43	1.6	SK673.1		30.92 43 9
42	1.5	SK32		31.16 42 8
41	1.8	SK672.1		32.58 41 8
39	1.7	SK673.1		34.12 39 8
37	1.4	SK672.1		35.75 37 7
36	1.6	SK673.1		37.23 36 7
34	2	SK773.1		39.06 34 7
33	2.4	SK43		40.98 33 7
32	1.4	SK673.1		41.54 32 6
30	1.8	SK773.1		43.43 30 6

¹ Reducer Input Options

- W- Solid Shaft Input Reducer
- IEC90- IEC C-Face Input Reducer (no motor).

Weights (kg)

	W	IEC90
SK02	12	17
SK172.1	7	7
SK12	14	19
SK372.1	11	10
SK373.1	12	11
SK572.1	18	18
SK573.1	19	19
SK22	29	31
SK672.1	24	23
SK673.1	25	24
SK32	40	42
SK773.1	44	46
SK42	65	60

Section	1989
Page	1989.10
Issue	B

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 50 Hz Motors



2.2 KW | 30 RPM TO 520 RPM

4-Pole 1400 RPM		Part Number		
Output Speed (rpm)	Service Factor	SKxxx	-XX-	X.XX
Reducer Model #	1	2	3	5:1 Inverter Duty (Constant Torque)
				50Hz (rpm) 10Hz (rpm)
520	2.2	SK372.1		2.62 520 104
476	2	SK372.1		2.86 476 95
460	2.2	SK12		2.96 460 92
436	2	SK372.1		3.12 436 87
402	2	SK12		3.39 402 80
397	2	SK372.1		3.43 397 79
360	2	SK372.1		3.78 360 72
342	1.8	SK12		3.98 342 68
326	2	SK372.1		4.18 326 65
316	1.7	SK12		4.32 316 63
304	1.7	SK12		4.49 304 61
295	2	SK22		4.62 295 59
292	1.9	SK372.1		4.66 292 58
276	1.5	SK12		4.93 276 55
263	1.9	SK22		5.18 263 53
260	1.9	SK372.1		5.24 260 52
235	2.4	SK22		5.79 235 47
229	1.7	SK372.1		5.95 229 46
216	3.2	SK572.1		6.3 216 43
209	2.2	SK22		6.51 209 42
207	1.5	SK372.1		6.58 207 41
199	2.4	SK22		6.86 199 40
198	1.6	SK372.1		6.89 198 40
189	1.5	SK372.1		7.23 189 38
182	3	SK572.1		7.49 182 36
180	2	SK22		7.57 180 36
167	2.8	SK572.1		8.15 167 33
166	1.4	SK372.1		8.22 166 33
161	1.9	SK22		8.48 161 32
153	2.6	SK572.1		8.92 153 31
145	1.3	SK372.1		9.4 145 29
136	2.6	SK572.1		10.04 136 27
126	1.8	SK22		10.89 126 25
122	2.3	SK572.1		11.25 122 24
112	1.7	SK22		12.2 112 22
107	2	SK572.1		12.68 107 21
100	1.8	SK572.1		13.67 100 20
99	2.7	SK672.1		13.7 99 20

4-Pole 1400 RPM		Part Number		
Output Speed (rpm)	Service Factor	SKxxx	-XX-	X.XX
Reducer Model #	1	2	3	5:1 Inverter Duty (Constant Torque)
				50Hz (rpm) 10Hz (rpm)
94	3	SK32		14.55 94 19
93	1.4	SK22		14.69 93 19
90	2.2	SK32		15.03 90 18
89	1.8	SK572.1		15.38 89 18
84	2.5	SK32		16.25 84 17
83	1.5	SK572.1		16.46 83 17
82	2	SK32		16.66 82 16
79	2	SK672.1		17.25 79 16
78	1.6	SK573.1		17.42 78 16
74	1.8	SK672.1		18.41 74 15
73	2.2	SK32		18.67 73 15
71	1.4	SK573.1		19.22 71 14
69	1.3	SK572.1		19.57 69 14
67	2.6	SK772.1		20.31 67 13
66	2	SK32		20.7 66 13
64	1.3	SK573.1		21.32 64 13
63	2.2	SK773.1		21.49 63 13
62	3.2	SK42		21.87 62 12
60	1.3	SK673.1		22.82 60 12
59	1.8	SK32		23.12 59 12
58	1.7	SK672.1		23.41 58 12
56	2.2	SK42		24.41 56 11
55	2.3	SK42		24.67 55 11
54	2	SK773.1		25.39 54 11
52	1.5	SK672.1		26.23 52 10
50	1.8	SK772.1		26.86 50 10
48	1.8	SK773.1		28.63 48 10
46	2.2	SK42		29.29 46 9
45	2.2	SK42		30.46 45 9
43	1.7	SK773.1		31.83 43 9
39	2.2	SK872.1		35.08 39 8
38	2.2	SK42		35.25 38 8
35	2.2	SK872.1		38.77 35 7
34	1.6	SK43		40.98 34 7
33	1.8	SK42		41.29 33 7
32	2	SK872.1		42.67 32 6
31	1.3	SK773.1		43.43 31 6
30	2.4	SK873.1		45.53 30 6

1 Reducer Input Options

- W- Solid Shaft Input Reducer
- IEC100- IEC C-Face Input Reducer (no motor).

Weights (kg)

	W	IEC100
SK12	14	26
SK372.1	11	11
SK572.1	18	19
SK573.1	19	20
SK22	29	35
SK672.1	24	24
SK673.1	25	25
SK32	40	46
SK773.1	44	50
SK42	65	67
SK43	70	76
SK872.1	87	89
SK873.1	89	91

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 50 Hz Motors



Section	1989
Page	1989.11
Issue	B

3 KW | 30 RPM TO 526 RPM

4-Pole 1400 RPM		Part Number				
Output Speed (rpm)	Service Factor	SKxxx	-XX-	X.XX		
		1	2	3		
		5:1 Inverter Duty (Constant Torque)				
		Gear Ratio	50Hz (rpm)	10Hz (rpm)		
526	1.4	SK372.1		2.62	526	105
494	1.6	SK22		2.79	494	99
472	2.2	SK572.1		2.92	472	94
466	5.7	SK32		2.96	466	93
442	1.3	SK372.1		3.12	442	88
422	2.2	SK572.1		3.27	422	84
407	1.3	SK12		3.39	407	81
402	1.3	SK372.1		3.43	402	80
391	1.4	SK22		3.53	391	78
368	4.7	SK32		3.75	368	74
360	2.2	SK572.1		3.83	360	72
348	1.4	SK22		3.97	348	70
327	2	SK572.1		4.22	327	65
311	4.1	SK32		4.43	311	62
299	2.3	SK672.1		4.61	299	60
298	1.3	SK22		4.62	298	60
294	2	SK572.1		4.69	294	59
272	2.3	SK672.1		5.06	272	54
264	2	SK572.1		5.23	264	53
261	4.7	SK32		5.28	261	52
251	3.1	SK32		5.5	251	50
247	2.3	SK672.1		5.59	247	49
242	4.1	SK32		5.7	242	48
238	1.4	SK22		5.79	238	48
234	2	SK572.1		5.88	234	47
225	2.2	SK672.1		6.12	225	45
219	2	SK572.1		6.3	219	44
212	1.4	SK22		6.51	212	42
205	3.4	SK32		6.74	205	41
201	1.4	SK22		6.86	201	40
196	1.3	SK32		7.05	196	39
190	5.8	SK42		7.28	190	38
184	1.8	SK572.1		7.49	184	37
182	1.3	SK22		7.57	182	36
180	2	SK672.1		7.68	180	36
174	3.2	SK32		7.9	174	35
170	1.7	SK572.1		8.15	170	34
165	2.8	SK32		8.36	165	33
162	2	SK672.1		8.48	162	32
159	1.8	SK672.1		8.66	159	32
154	1.6	SK572.1		8.92	154	31
149	2	SK672.1		9.25	149	30
141	2.6	SK32		9.8	141	28
138	1.5	SK572.1		10.04	138	28

4-Pole 1400 RPM		Part Number				
Output Speed (rpm)	Service Factor	SKxxx	-XX-	X.XX		
		1	2	3		
		5:1 Inverter Duty (Constant Torque)				
		Gear Ratio	50Hz (rpm)	10Hz (rpm)		
135	4.4	SK42		10.2	135	27
133	2	SK672.1		10.37	133	27
122	1.6	SK672.1		11.38	122	24
118	2.3	SK32		11.71	118	24
112	3.8	SK42		12.28	112	22
110	1.6	SK672.1		12.56	110	22
101	1.6	SK672.1		13.7	101	20
96	3.1	SK42		14.38	96	19
95	1.8	SK32		14.55	95	19
92	1.3	SK32		15.03	92	18
91	3.2	SK42		15.12	91	18
90	1.5	SK672.1		15.35	90	18
88	1.6	SK772.1		15.62	88	18
85	1.5	SK32		16.25	85	17
83	1.8	SK672.1		16.66	83	17
79	7.1	SK63		17.37	79	16
78	2.6	SK42		17.71	78	16
74	1.6	SK772.1		18.46	74	15
70	3.8	SK52		19.6	70	14
68	1.6	SK772.1		20.31	68	14
66	6	SK63		20.77	66	13
64	3.4	SK52		21.68	64	13
63	1.9	SK42		21.87	63	13
62	5.7	SK63		21.98	62	12
58	3.1	SK52		23.92	58	12
57	1.4	SK42		24.41	57	11
56	1.4	SK42		24.67	56	11
54	2.4	SK873.1		25.69	54	11
53	4.7	SK63		26.28	53	11
52	2.8	SK52		26.46	52	10
50	2.3	SK873.1		27.57	50	10
47	1.4	SK42		29.29	47	9
46	2.2	SK873.1		30.47	46	9
45	4.5	SK63		30.91	45	9
43	2	SK873.1		32.24	43	9
42	1.5	SK52		32.56	42	8
39	1.4	SK42		35.25	39	8
38	1.8	SK873.1		35.63	38	8
36	1.7	SK52		38.45	36	7
35	1.3	SK872.1		38.77	35	7
34	1.7	SK873.1		39.68	34	7
33	2.4	SK973.1		42.51	33	7
32	3.3	SK63		43.43	32	6
30	1.4	SK873.1		45.53	30	6

1 Reducer Input Options

- W- Solid Shaft Input Reducer
- IEC100- IEC C-Face Input Reducer (no motor).

Weights (kg)

	W	IEC100
SK12	14	26
SK372.1	11	11
SK572.1	18	19
SK22	29	35
SK672.1	24	24
SK673.1	25	25
SK32	40	46
SK773.1	44	50
SK42	65	67
SK43	70	76
SK872.1	87	89
SK873.1	89	91
SK52	94	96
SK63	149	151

Section	1989
Page	1989.12
Issue	B

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 50 Hz Motors



5.5 KW | 32 RPM TO 521 RPM

4-Pole 1400 RPM		Part Number		
Output Speed (rpm)	Service Factor	SKxxx	-XX-	X.XX
		1	2	3
		Reducer Model #	1 Input Option (Choose One)	Gear Ratio
				5:1 Inverter Duty (Constant Torque)
				50Hz (rpm) 10Hz (rpm)
521	2.7	SK672.1	-W-	2.66 521 104
485	2.7	SK672.1		2.86 485 97
468	3.8	SK32		2.96 468 94
452	2.7	SK672.1		3.07 452 90
419	2.6	SK672.1		3.31 419 84
388	2.6	SK672.1		3.58 388 78
370	3.2	SK32		3.75 370 74
357	2.6	SK672.1		3.88 357 71
328	2.6	SK672.1		4.22 328 66
313	2.7	SK32		4.43 313 63
300	2.6	SK672.1		4.61 300 60
274	2.5	SK672.1		5.06 274 55
263	3.1	SK32		5.28 263 53
252	2	SK32		5.5 252 50
248	2.2	SK672.1		5.59 248 50
243	2.7	SK32		5.7 243 49
226	2.2	SK672.1		6.12 226 45
206	2.3	SK32		6.74 206 41
190	3.8	SK42	-IEC132-	7.28 190 38
181	1.8	SK672.1		7.68 181 36
176	2.2	SK32		7.9 176 35
171	2	SK772.1		8.12 171 34
166	1.8	SK32		8.36 166 33
164	1.6	SK672.1		8.48 164 33
163	3.3	SK42		8.5 163 33
160	1.3	SK672.1		8.66 160 32
154	1.9	SK772.1		8.97 154 31
150	1.5	SK672.1		9.25 150 30
142	1.7	SK32		9.8 142 28
139	1.8	SK772.1		10 139 28
136	3	SK42		10.2 136 27
134	1.4	SK672.1		10.37 134 27

4-Pole 1400 RPM		Part Number		
Output Speed (rpm)	Service Factor	SKxxx	-XX-	X.XX
		1	2	3
		Reducer Model #	1 Input Option (Choose One)	Gear Ratio
				5:1 Inverter Duty (Constant Torque)
				50Hz (rpm) 10Hz (rpm)
131	1.7	SK772.1	-W-	10.6 131 26
126	1.6	SK772.1		11.06 126 25
123	3.2	SK872.1		11.24 123 25
119	1.5	SK772.1		11.67 119 24
118	1.6	SK32		11.71 118 24
113	2.6	SK42		12.28 113 23
111	3	SK872.1		12.48 111 22
106	1.4	SK772.1		13.07 106 21
101	2.8	SK872.1		13.79 101 20
97	2	SK42		14.38 97 19
92	2.2	SK42		15.12 92 18
91	2.5	SK872.1		15.18 91 18
82	2.3	SK872.1		16.96 82 16
78	1.8	SK42		17.71 78 16
74	2.2	SK872.1	-IEC132-	18.67 74 15
71	2.6	SK52		19.6 71 14
65	1.4	SK42		21.5 65 13
64	2.2	SK52		21.68 64 13
63	1.3	SK42		21.87 63 13
60	1.8	SK872.1		23.02 60 12
58	2	SK52		23.92 58 12
54	1.6	SK872.1		25.44 54 11
53	1.8	SK52		26.46 53 11
50	2.5	SK972.1		27.66 50 10
48	1.8	SK52		28.85 48 10
46	2.4	SK972.1		30.29 46 9
45	3	SK63		30.91 45 9
43	1.4	SK873.1		32.24 43 9
42	2.2	SK972.1		33.36 42 8
38	2	SK972.1		37.19 38 8
33	1.9	SK973.1		42.51 33 7
32	2.2	SK63		43.43 32 6

1 Reducer Input Options

- W- Solid Shaft Input Reducer
- IEC132- IEC C-Face Input Reducer (no motor)

Weights (kg)

	W	IEC132
SK22	29	35
SK672.1	24	26
SK32	40	55
SK773.1	44	132
SK42	65	81
SK872.1	87	103
SK873.1	89	105
SK52	94	110
SK972.1	126	142
SK973.1	121	137
SK62	171	172
SK63	149	165

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 50 Hz Motors



Section	1989
Page	1989.13
Issue	B

7.5 KW | 30 RPM TO 521 RPM

4-Pole 1400 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
521	2	SK672.1	-W-	2.66	521	104	
485	2	SK672.1		2.86	485	97	
468	2.9	SK32		2.96	468	94	
452	2	SK672.1		3.07	452	90	
419	2	SK672.1		3.31	419	84	
388	1.9	SK672.1		3.58	388	78	
370	2.4	SK32		3.75	370	74	
357	2	SK672.1		3.88	357	71	
328	1.9	SK672.1		4.22	328	66	
313	2	SK32		4.43	313	63	
300	1.9	SK672.1		4.61	300	60	
274	1.8	SK672.1		5.06	274	55	
263	2.3	SK32		5.28	263	53	
252	1.6	SK32		5.5	252	50	
248	1.7	SK672.1		5.59	248	50	
243	2	SK32		5.7	243	49	
241	3.8	SK42	-IEC132-	5.75	241	48	
226	1.6	SK672.1		6.12	226	45	
224	3.4	SK42		6.19	224	45	
209	3.4	SK42		6.65	209	42	
206	1.8	SK32		6.74	206	41	
190	2.9	SK42		7.28	190	38	
182	1.6	SK772.1		7.63	182	36	
181	1.4	SK672.1		7.68	181	36	
179	2.9	SK872.1		7.73	179	36	
176	1.6	SK32		7.9	176	35	
171	1.5	SK772.1		8.12	171	34	
166	1.4	SK32		8.36	166	33	
163	2.5	SK42		8.5	163	33	
156	2.6	SK872.1		8.87	156	31	
154	1.4	SK772.1		8.97	154	31	
150	2.9	SK872.1		9.24	150	30	
142	1.3	SK32		9.8	142	28	
139	1.4	SK772.1		10	139	28	

4-Pole 1400 RPM		1 Reducer Model #	2 Input Option (Choose One)	3 Gear Ratio	Part Number		
Output Speed (rpm)	Service Factor				SKxxx	-XX -	X.XX
136	2.2	SK42	-W-	10.2	136	27	
133	2.6	SK872.1		10.44	133	27	
131	3.3	SK52		10.58	131	26	
123	2.4	SK872.1		11.24	123	25	
113	1.9	SK42		12.28	113	23	
111	2.3	SK872.1		12.48	111	22	
103	2.7	SK52		13.45	103	21	
101	2	SK872.1		13.79	101	20	
99	2.6	SK52		14	99	20	
97	1.6	SK42		14.38	97	19	
92	1.6	SK42		15.12	92	18	
91	1.9	SK872.1		15.18	91	18	
82	1.8	SK872.1		16.96	82	16	
80	3.6	SK63		17.37	80	16	
78	2	SK52	-IEC132-	17.81	78	16	
74	1.6	SK872.1		18.67	74	15	
71	1.9	SK52		19.6	71	14	
67	3	SK63		20.77	67	13	
64	1.7	SK52		21.68	64	13	
63	2.8	SK63		21.98	63	13	
60	1.4	SK872.1		23.02	60	12	
58	1.5	SK52		23.92	58	12	
53	2.4	SK63		26.28	53	11	
50	1.8	SK972.1		27.66	50	10	
48	1.4	SK52		28.85	48	10	
46	1.8	SK972.1		30.29	46	9	
45	2.2	SK63		30.91	45	9	
42	1.7	SK972.1		33.36	42	8	
38	2	SK63		36.11	38	8	
37	1.7	SK973.1		37.36	37	7	
33	1.4	SK972.1		42.76	33	7	
32	1.7	SK63		43.43	32	6	
30	2.3	SK73		45.66	30	6	

¹ Reducer Input Options

-W- Solid Shaft Input Reducer

-IEC132- IEC C-Face Input Reducer (no motor)

Weights (kg)

	W	IEC132
SK672.1	24	26
SK32	40	55
SK42	65	81
SK872.1	87	103
SK873.1	89	105
SK52	94	110
SK972.1	126	142
SK973.1	121	137
SK62	171	172
SK63	149	165
SK73	250	251

Section	1989
Page	1989.14
Issue	B

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 50 Hz Motors



11 KW | 31 RPM TO 468 RPM

4-Pole 1400 RPM		Part Number		
Output Speed (rpm)	Service Factor	SKxxx	-XX-	X.XX
Reducer Model #	1	2	3	5:1 Inverter Duty (Constant Torque)
				50Hz (rpm) 10Hz (rpm)
468	2.6	SK42		3.02 468 94
453	2	SK772.1*		3.12 453 91
440	2.6	SK42		3.21 440 88
404	2.5	SK42		3.5 404 81
394	1.8	SK772.1*		3.59 394 79
368	1.8	SK772.1*		3.84 368 74
364	2.4	SK42		3.89 364 73
320	1.6	SK772.1*		4.42 320 64
308	2.2	SK42		4.58 308 62
300	1.6	SK772.1*		4.71 300 60
296	2.6	SK42		4.79 296 59
277	2.6	SK42		5.1 277 55
264	2	SK42		5.35 264 53
263	1.4	SK772.1*		5.38 263 53
257	2.8	SK872.1		5.5 257 51
250	2.7	SK872.1		5.66 250 50
246	2.6	SK42		5.75 246 49
228	2.3	SK42		6.19 228 46
220	3.1	SK52		6.42 220 44
215	2.5	SK872.1		6.57 215 43
212	2.3	SK42		6.65 212 42
194	1.9	SK42		7.28 194 39
184	2.7	SK52		7.7 184 37
183	2.2	SK872.1		7.73 183 37
166	1.7	SK42		8.5 166 33
160	2.5	SK52		8.83 160 32
154	2	SK872.1		9.24 154 31
139	1.5	SK42		10.2 139 28
136	1.8	SK872.1		10.44 136 27
134	2.2	SK52		10.58 134 27
126	1.7	SK872.1		11.24 126 25
115	1.3	SK42		12.28 115 23

4-Pole 1400 RPM		Part Number		
Output Speed (rpm)	Service Factor	SKxxx	-XX-	X.XX
Reducer Model #	1	2	3	5:1 Inverter Duty (Constant Torque)
				50Hz (rpm) 10Hz (rpm)
114	1.6	SK872.1		12.48 114 23
105	1.8	SK52		13.45 105 21
102	1.4	SK872.1		13.79 102 20
101	1.8	SK52		14 101 20
100	2.5	SK972.1		14.16 100 20
94	1.3	SK872.1		15.18 94 19
90	2.3	SK972.1		15.84 90 18
82	2.5	SK63		17.37 82 16
80	2	SK972.1		17.65 80 16
79	1.4	SK52		17.81 79 16
78	2.2	SK62		18.14 78 16
72	1.9	SK972.1		19.72 72 14
68	2	SK63		20.77 68 14
65	1.9	SK63		21.98 65 13
64	1.7	SK972.1		21.99 64 13
63	1.7	SK973.1		22.42 63 13
61	1.3	SK972.1		23.19 61 12
55	1.5	SK973.1		25.51 55 11
54	1.6	SK63		26.28 54 11
52	1.4	SK973.1		27.22 52 10
51	1.3	SK972.1		27.66 51 10
50	1.8	SK72		28.63 50 10
46	1.5	SK63		30.91 46 9
44	2.7	SK82		32.12 44 9
43	1.3	SK72		33.04 43 9
42	2	SK73		33.24 42 8
39	1.4	SK63		36.11 39 8
38	1.8	SK73		37.63 38 8
36	3	SK83		39.08 36 7
35	1.4	SK82		40.45 35 7
32	2.6	SK83		44.38 32 6
31	1.5	SK73		45.66 31 6

* SK772.1 is not available with IEC adapter -IEC160-

1 Reducer Input Options

Weights (kg)

- W- Solid Shaft Input Reducer
- IEC160- IEC C-Face Input Reducer (no motor).

	W	IEC160
SK772.1	42	N/A
SK42	65	91
SK872.1	87	113
SK873.1	89	115
SK52	94	120
SK972.1	126	152
SK973.1	121	147
SK62	171	197
SK63	149	175
SK73	250	276
SK82	424	375
SK83	357	383

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 50 Hz Motors



Section	1989
Page	1989.15
Issue	B

15 KW | 32 RPM TO 466 RPM

4-Pole 1400 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	50Hz (rpm)	10Hz (rpm)
466	2	SK42		3.02	466	93			
444	2.6	SK872.1		3.18	444	89			
438	1.9	SK42		3.21	438	88			
402	1.8	SK42		3.5	402	80			
382	2.4	SK872.1		3.69	382	76			
361	1.8	SK42		3.89	361	72			
350	2.2	SK872.1		4.03	350	70			
344	2.7	SK52		4.08	344	69			
307	1.7	SK42		4.58	307	61			
305	2.6	SK52		4.61	305	61			
301	2.3	SK872.1		4.68	301	60			
293	2	SK42	-W-	4.79	293	59			
276	2.6	SK52		5.08	276	55			
263	1.5	SK42		5.35	263	53			
256	2	SK872.1		5.5	256	51			
251	2	SK52	-IEC160-	5.6	251	50			
249	2	SK872.1		5.66	249	50			
244	1.9	SK42		5.75	244	49			
243	2.5	SK52		5.79	243	49			
231	2.4	SK52		6.09	231	46			
227	1.7	SK42		6.19	227	45			
219	2.3	SK52		6.42	219	44			
215	1.8	SK872.1		6.57	215	43			
212	1.8	SK42		6.65	212	42			
196	2.8	SK972.1		7.19	196	39			
194	2.2	SK52		7.27	194	39			
183	2	SK52		7.7	183	37			
182	1.7	SK872.1		7.73	182	36			
167	2.6	SK972.1		8.45	167	33			
166	1.3	SK42		8.5	166	33			
159	1.8	SK52		8.83	159	32			

4-Pole 1400 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)
153	1.5	SK872.1			9.24	153	31	
150	2.6	SK972.1			9.4	150	30	
137	2.4	SK972.1			10.35	137	27	
135	1.4	SK872.1			10.44	135	27	
133	1.7	SK52			10.58	133	27	
122	2.2	SK972.1			11.54	122	24	
110	2	SK972.1			12.86	110	22	
105	1.4	SK52			13.45	105	21	
104	1.9	SK972.1			13.56	104	21	
101	2.2	SK62			13.92	101	20	
100	1.8	SK972.1			14.16	100	20	
89	1.9	SK62			15.8	89	18	
83	2.4	SK72			16.86	83	17	
81	1.8	SK63			17.37	81	16	
80	1.6	SK972.1			17.65	80	16	
78	1.7	SK62			18.14	78	16	
72	1.4	SK972.1			19.72	72	14	
68	2.4	SK73			20.62	68	14	
65	2	SK72			21.64	65	13	
64	1.4	SK63			21.98	64	13	
60	2	SK73			23.34	60	12	
53	2.4	SK82			26.62	53	11	
50	1.8	SK73			28.32	50	10	
49	1.4	SK72			28.63	49	10	
44	2	SK82			32.12	44	9	
43	2.6	SK83			32.52	43	9	
42	1.5	SK73			33.24	42	8	
38	1.3	SK73			37.63	38	8	
36	2.2	SK83			39.08	36	7	
32	2	SK83			44.38	32	6	

¹ Reducer Input Options

- W- Solid Shaft Input Reducer
- IEC160- IEC C-Face Input Reducer (no motor).

Weights (kg)

	W	IEC160
SK42	65	91
SK872.1	87	113
SK52	94	120
SK972.1	126	152
SK973.1	121	147
SK62	171	197
SK63	149	175
SK72	240	266
SK73	250	276
SK82	424	375
SK83	357	383

Section	1989
Page	1989.16
Issue	B

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 50 Hz Motors



18.5 KW | 32 RPM TO 506 RPM

4-Pole 1400 RPM		Part Number		
Output Speed (rpm)	Service Factor	SKxxx	-XX -	X.XX
Reducer Model #	1	2	3	5:1 Inverter Duty (Constant Torque)
				50Hz (rpm) 10Hz (rpm)
506	2.6	SK52		2.78 506 101
440	2	SK872.1		3.18 440 88
436	2.3	SK52		3.23 436 87
420	4	SK972.1		3.33 420 84
414	2.3	SK52		3.4 414 83
384	2.2	SK52		3.67 384 77
379	1.8	SK872.1		3.69 379 76
374	3.8	SK972.1		3.74 374 75
347	1.8	SK872.1		4.03 347 69
344	2.2	SK52		4.08 344 69
305	2	SK52		4.61 305 61
299	1.8	SK872.1		4.68 299 60
276	2.2	SK52		5.08 276 55
266	3	SK972.1		5.25 266 53
254	1.7	SK872.1		5.5 254 51
251	1.7	SK52		5.6 251 50
247	1.6	SK872.1		5.66 247 49
243	2	SK52		5.79 243 49
231	1.9	SK52		6.09 231 46
227	2.6	SK972.1		6.17 227 45
219	1.8	SK52		6.42 219 44
209	2.6	SK972.1		6.68 209 42
194	1.7	SK52		7.27 194 39

4-Pole 1400 RPM		Part Number		
Output Speed (rpm)	Service Factor	SKxxx	-XX -	X.XX
Reducer Model #	1	2	3	5:1 Inverter Duty (Constant Torque)
183	1.6	SK52		7.7 183 37
181	1.4	SK872.1		7.73 181 36
166	2.2	SK972.1		8.45 166 33
160	2.7	SK62		8.78 160 32
159	1.5	SK52		8.83 159 32
149	2	SK972.1		9.4 149 30
135	1.9	SK972.1		10.35 135 27
134	2.3	SK62		10.55 134 27
133	1.3	SK52		10.58 133 27
122	2	SK62		11.59 122 24
109	1.6	SK972.1		12.86 109 22
103	1.5	SK972.1		13.56 103 21
101	1.8	SK62		13.92 101 20
99	1.5	SK972.1		14.16 99 20
98	2.2	SK72		14.33 98 20
89	1.5	SK62		15.8 89 18
88	1.4	SK972.1		15.84 88 18
83	1.9	SK72		16.86 83 17
81	1.4	SK63		17.37 81 16
79	1.3	SK972.1		17.65 79 16
78	2.2	SK73		18 78 16
68	1.9	SK73		20.62 68 14
67	3	SK83		21.04 67 13
65	1.7	SK72		21.64 65 13
60	1.7	SK73		23.34 60 12
58	2.6	SK83		24.42 58 12
50	2.3	SK83		28.03 50 10
43	2	SK83		32.52 43 9
36	1.8	SK83		39.08 36 7
32	1.6	SK83		44.38 32 6

1 Reducer Input Options

Weights (kg)

- W- Solid Shaft Input Reducer
- IEC180- IEC C-Face Input Reducer (no motor).

	W	IEC180
SK872.1	87	113
SK52	94	120
SK972.1	126	115
SK62	171	197
SK63	149	175
SK72	240	266
SK73	250	276
SK83	357	383
SK93	536	562

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 50 Hz Motors



Section	1989
Page	1989.17
Issue	B

22 KW | 32 RPM TO 508 RPM

Part Number			5:1 Inverter Duty (Constant Torque)		
SKxxx	-XX-	X.XX			
4-Pole 1400 RPM		Reducer Model #	Gear Ratio	50Hz (rpm)	10Hz (rpm)
Output Speed (rpm)	Service Factor				
508	2	SK52	2.78	508	102
441	1.8	SK872.1	3.18	441	88
436	2	SK52	3.23	436	87
421	3.4	SK972.1	3.33	421	84
415	2	SK52	3.4	415	83
384	1.9	SK52	3.67	384	77
380	1.6	SK872.1	3.69	380	76
375	3.2	SK972.1	3.74	375	75
348	1.4	SK872.1	4.03	348	70
346	1.8	SK52	4.08	346	69
309	3	SK62	4.56	309	62
308	2.9	SK972.1	4.56	308	62
306	1.7	SK52	4.61	306	61
300	1.5	SK872.1	4.68	300	60
277	1.8	SK52	5.08	277	55
267	2.5	SK972.1	5.25	267	53
255	1.4	SK872.1	5.5	255	51
252	1.4	SK52	5.6	252	50
248	1.4	SK872.1	5.66	248	50
244	1.6	SK52	5.79	244	49
232	1.6	SK52	6.09	232	46
227	2.2	SK972.1	6.17	227	45
222	2	SK62	6.35	222	44
220	1.5	SK52	6.42	220	44

Part Number			5:1 Inverter Duty (Constant Torque)		
SKxxx	-XX-	X.XX			
4-Pole 1400 RPM		Reducer Model #	Gear Ratio	50Hz (rpm)	10Hz (rpm)
Output Speed (rpm)	Service Factor				
210	2.2	SK972.1	6.68	210	42
195	2	SK972.1	7.19	195	39
194	1.4	SK52	7.27	194	39
186	2.7	SK62	7.56	186	37
183	1.4	SK52	7.7	183	37
166	1.8	SK972.1	8.45	166	33
161	2.2	SK62	8.78	161	32
160	1.3	SK52	8.83	160	32
150	1.8	SK972.1	9.4	150	30
136	1.6	SK972.1	10.35	136	27
134	1.9	SK62	10.55	134	27
122	1.8	SK62	11.59	122	24
113	2.2	SK72	12.52	113	23
109	1.4	SK972.1	12.86	109	22
103	1.3	SK972.1	13.56	103	21
101	1.4	SK62	13.92	101	20
98	1.8	SK72	14.33	98	20
90	1.3	SK63	15.8	90	18
84	1.6	SK72	16.86	84	17
78	1.8	SK73	18	78	16
69	1.6	SK73	20.62	69	14
67	2.5	SK83	21.04	67	13
66	1.4	SK72	21.64	66	13
61	1.4	SK73	23.34	61	12
58	2.2	SK83	24.42	58	12
50	1.9	SK83	28.03	50	10
43	1.8	SK83	32.52	43	9
36	2	SK93	39.54	36	7
32	1.4	SK83	44.38	32	6

¹ Reducer Input Options

-W- Solid Shaft Input Reducer

-IEC180- IEC C-Face Input Reducer (no motor).

Weights (kg)

	W	IEC180
SK872.1	87	113
SK52	94	120
SK972.1	126	115
SK62	171	197
SK63	149	175
SK72	240	266
SK73	250	276
SK83	357	383
SK93	536	562

Section	1989
Page	1989.18
Issue	B

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 50 Hz Motors



30 KW | 31 RPM TO 512 RPM

4-Pole 1400 RPM		Part Number		
Output Speed (rpm)	Service Factor	SKxxx	-XX-	X.XX
		1	2	3
		Reducer Model #	¹ Input Option (Choose One)	Gear Ratio
				5:1 Inverter Duty (Constant Torque)
				50Hz (rpm) 10Hz (rpm)
512	1.6	SK52*		2.78 512 102
479	3.3	SK62		2.97 479 96
440	1.5	SK52*		3.23 440 88
431	3	SK62		3.3 431 86
428	2.6	SK972.1		3.33 428 86
419	1.5	SK52*		3.4 419 84
388	1.4	SK52*		3.67 388 78
382	2.7	SK62		3.72 382 76
380	2.4	SK972.1		3.74 380 76
364	2.6	SK62		3.91 364 73
352	2.3	SK62		4.05 352 70
348	1.4	SK52*		4.08 348 70
312	2.3	SK62		4.56 312 62
308	1.3	SK52*		4.61 308 62
280	1.4	SK52*		5.08 280 56
271	1.9	SK972.1		5.25 271 54
268	1.8	SK62		5.29 268 54
254	2.6	SK72		5.6 254 51
230	1.7	SK972.1		6.17 230 46
224	1.5	SK62		6.35 224 45
221	2.2	SK72		6.42 221 44
212	1.7	SK972.1		6.68 212 42
205	3.1	SK72		6.95 205 41
198	1.6	SK972.1		7.19 198 40

4-Pole 1400 RPM		Part Number		
Output Speed (rpm)	Service Factor	SKxxx	-XX-	X.XX
		1	2	3
		Reducer Model #	¹ Input Option (Choose One)	Gear Ratio
				5:1 Inverter Duty (Constant Torque)
				50Hz (rpm) 10Hz (rpm)
188	2	SK62		7.56 188 38
174	2.9	SK72		8.19 174 35
169	1.4	SK972.1		8.45 169 34
162	1.7	SK62		8.78 162 32
151	1.3	SK972.1		9.4 151 30
150	2.5	SK72		9.46 150 30
135	1.4	SK62		10.55 135 27
131	2.2	SK72		10.84 131 26
123	1.4	SK62		11.59 123 25
114	1.6	SK72		12.52 114 23
100	2.3	SK82		14.29 100 20
99	1.4	SK72		14.33 99 20
86	2	SK82		16.56 86 17
79	1.4	SK73		18 79 16
68	1.9	SK83		21.04 68 14
58	1.6	SK83		24.42 58 12
53	2.2	SK93		27.05 53 11
51	1.4	SK83		28.03 51 10
46	1.9	SK93		31.25 46 9
44	1.3	SK83		32.52 44 9
38	2.6	SK103		37.9 38 8
36	1.5	SK93		39.54 36 7
31	2.2	SK103		45.25 31 6

* SK52 is not available with IEC adapter -IEC200-

¹ Reducer Input Options

- W- Solid Shaft Input Reducer
- IEC200- IEC C-Face Input Reducer (no motor).

Weights (kg)

	W	IEC200
SK52	94	N/A
SK972.1	126	173
SK62	171	211
SK72	240	280
SK73	250	290
SK82	424	389
SK83	357	397
SK93	536	576
SK103	830	795

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 50 Hz Motors



Section	1989
Page	1989.19
Issue	B

37 KW | 31 RPM TO 508 RPM

4-Pole 1400 RPM		1 Reducer Model #	2 1 Input Option (Choose One)	3 Gear Ratio	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor				50Hz (rpm)	10Hz (rpm)
508	1.3	SK52*		2.78	508	102
475	2.6	SK62		2.97	475	95
428	2.4	SK62		3.3	428	86
424	2	SK972.1**		3.33	424	85
379	2.2	SK62		3.72	379	76
377	1.9	SK972.1**	-W-	3.74	377	75
360	2	SK62		3.91	360	72
348	1.8	SK62		4.05	348	70
309	1.8	SK972.1**	-IEC225-	4.56	309	62
268	1.5	SK972.1**		5.25	268	54
267	1.4	SK62		5.29	267	53
252	2	SK72		5.6	252	50
228	1.4	SK972.1**		6.17	228	46
220	1.7	SK72		6.42	220	44
211	1.4	SK972.1**		6.68	211	42
203	2.5	SK72		6.95	203	41
196	1.3	SK972.1**		7.19	196	39
186	1.6	SK62		7.56	186	37
173	2.2	SK72		8.19	173	35

4-Pole 1400 RPM		1 Reducer Model #	2 1 Input Option (Choose One)	3 Gear Ratio	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor				50Hz (rpm)	10Hz (rpm)
161	1.4	SK62		8.78	161	32
150	2	SK72		9.46	150	30
137	2.6	SK82		10.33	137	27
130	1.7	SK72		10.84	130	26
119	2.4	SK82	-W-	11.84	119	24
113	1.3	SK72		12.52	113	23
99	1.8	SK82	-IEC225-	14.29	99	20
86	1.6	SK82		16.56	86	17
74	2.6	SK93		19.12	74	15
67	1.5	SK83		21.04	67	13
66	3.8	SK103		21.19	66	13
62	2	SK93		22.97	62	12
58	1.3	SK83		24.42	58	12
56	3.1	SK103		25.3	56	11
52	1.8	SK93		27.05	52	10
48	2.6	SK103		29.62	48	10
45	1.5	SK93		31.25	45	9
38	2	SK103		37.9	38	8
31	1.8	SK103		45.25	31	6

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

** SK972.1 is not available with IEC adapter -IEC225-

1 Reducer Input Options

- W- Solid Shaft Input Reducer
- IEC225- IEC C-Face Input Reducer (no motor).

Weights (kg)

	W	IEC225
SK52	94	N/A
SK972.1	126	N/A
SK62	171	226
SK72	240	295
SK73	250	305
SK82	424	404
SK83	357	412
SK93	536	591
SK103	830	810

Section	1989
Page	1989.20
Issue	B

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 50 Hz Motors



45 KW | 31 RPM TO 476 RPM

4-Pole 1400 RPM		Part Number			5:1 Inverter Duty (Constant Torque)					
Output Speed (rpm)	Service Factor	SKXXX	-XX-	X.XX	Gear Ratio	50Hz (rpm)	10Hz (rpm)			
476	2.2	SK62	1 Reducer Model #	2 1 Input Option (Choose One)	3 5:1 Inverter Duty (Constant Torque)	2.97	476	95		
428	2	SK62				3.3	428	86		
380	1.8	SK62				3.72	380	76		
362	1.7	SK62				3.91	362	72		
349	1.5	SK62				4.05	349	70		
344	2.2	SK72				4.12	344	69		
310	1.5	SK62				4.56	310	62		
292	2	SK72				4.85	292	58		
252	1.7	SK72				5.6	252	50		
228	2.3	SK82				6.19	228	46		
220	1.4	SK72				6.42	220	44		
204	2	SK72				6.95	204	41		
192	2.8	SK82		-W-	5:1 Inverter Duty (Constant Torque)	7.39	192	38		
187	1.4	SK62				7.56	187	37		
173	1.9	SK72	-IEC225-			8.19	173	35		
161	2.5	SK82				8.82	161	32		
150	1.7	SK72				9.46	150	30		
137	2.2	SK82				10.33	137	27		
130	1.4	SK72				10.84	130	26		
119	2	SK82				11.84	119	24		
114	2.8	SK92				12.39	114	23		
99	1.5	SK82				14.29	99	20		
98	2.5	SK92				14.36	98	20		
86	2.2	SK92				16.47	86	17		
74	2	SK93	-IEC225-	5:1 Inverter Duty (Constant Torque)	5:1 Inverter Duty (Constant Torque)	19.12	74	15		
67	3.1	SK103				21.19	67	13		
62	1.8	SK93				22.97	62	12		
56	2.6	SK103				25.3	56	11		
52	1.5	SK93				27.05	52	10		
48	2.2	SK103				29.62	48	10		
46	1.3	SK93				31.25	46	9		
38	1.8	SK103				37.9	38	8		
31	1.4	SK103				45.25	31	6		

¹ Reducer Input Options

Weights (kg)

-W- Solid Shaft Input Reducer
-IEC225- IEC C-Face Input Reducer (no motor).

	W	IEC225
SK62	171	226
SK72	240	295
SK82	424	404
SK83	357	412
SK93	536	591
SK103	830	810

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 50 Hz Motors



Section	1989
Page	1989.21
Issue	B

55 KW | 38 RPM TO 493 RPM

4-Pole 1400 RPM		Part Number			5:1 Inverter Duty (Constant Torque)		
Output Speed (rpm)	Service Factor	SKxxx	-XX -	X.XX	Gear Ratio	50Hz (rpm)	10Hz (rpm)
493	2.9	SK82	1 Reducer Model #	2 Input Option (Choose One)	2.89	493	99
393	2.9	SK82			3.62	393	79
321	2.6	SK82			4.43	321	64
269	2.4	SK82			5.29	269	54
230	1.8	SK82			6.19	230	46
193	2.2	SK82			7.39	193	39
162	2.0	SK82			8.82	162	32
138	1.8	SK82			10.33	138	28
121	1.6	SK82			11.84	121	24
115	2.3	SK92			12.39	115	23
99	2.0	SK92	-W- -IEC250-	3 Input Option (Choose One)	14.36	99	20
86	1.7	SK92			16.47	86	17
74	1.7	SK93			19.12	74	15
67	2.5	SK103			21.19	67	13
62	1.4	SK93			22.97	62	12
56	2.0	SK103			25.3	56	11
48	1.8	SK103			29.62	48	10
38	1.4	SK103			37.9	38	8

¹ Reducer Input Options

- W- Solid Shaft Input Reducer
- IEC250- IEC C-Face Input Reducer (no motor).

Weights (kg)

	W	IEC250
SK82	424	459
SK92	575	635
SK93	536	646
SK103	830	865

Section	1989
Page	1989.22
Issue	B

**PARTS & ACCESSORIES:
SPEED REDUCERS**
NORD 50 Hz Motors



75 KW | 48 RPM TO 495 RPM

		Part Number			5:1 Inverter Duty (Constant Torque)		
		SKxxx	-XX -	X.XX	Gear Ratio	50Hz (rpm)	10Hz (rpm)
4-Pole 1400 RPM		1	2	3			
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)				
495	2.2	SK82	-W-	-IEC280-	2.89	495	99
395	2.2	SK82			3.62	395	79
323	2	SK82			4.43	323	65
273	4.1	SK102			5.23	273	55
270	1.8	SK82			5.29	270	54
252	2.6	SK92			5.68	252	50
231	1.4	SK82			6.19	231	46
229	3.7	SK102			6.24	229	46
213	2.3	SK92			6.7	213	43
194	1.7	SK82			7.39	194	39
190	3	SK102			7.5	190	38
184	1.6	SK92			7.78	184	37
162	1.5	SK82			8.82	162	32
144	3	SK102			9.96	144	29
138	1.4	SK82			10.33	138	28
136	1.9	SK92			10.5	136	27
121	2.6	SK102			11.88	121	24
115	1.7	SK92			12.39	115	23
100	1.5	SK92			14.36	100	20
87	1.3	SK92			16.47	87	17
86	2	SK102			16.63	86	17
75	1.3	SK93			19.12	75	15
74	1.8	SK102			19.37	74	15
67	1.9	SK103			21.19	67	13
57	1.6	SK103			25.3	57	11
48	1.4	SK103			29.62	48	10

¹ Reducer Input Options

Weights (kg)

- W- Solid Shaft Input Reducer
- IEC280- IEC C-Face Input Reducer (no motor).

	W	IEC280
SK82	424	459
SK92	575	635
SK93	536	646
SK102	821	856
SK103	830	865

**PARTS & ACCESSORIES:
SPEED REDUCERS**

NORD 50 Hz Motors



Section	1989
Page	1989.23
Issue	B

90 KW | 57 RPM TO 407 RPM

4-Pole 1400 RPM		Part Number			5:1 Inverter Duty (Constant Torque)		
Output Speed (rpm)	Service Factor	SKxxx	-XX -	X.XX	Gear Ratio	50Hz (rpm)	10Hz (rpm)
407	2.6	SK92	1 Reducer Model #	1 Input Option (Choose One)	3.51	407	81
272	3.3	SK102			5.23	272	54
251	2	SK92			5.68	251	50
228	3	SK102			6.24	228	46
213	1.8	SK92			6.7	213	43
190	2.4	SK102			7.5	190	38
184	1.3	SK92			7.78	184	37
143	2.4	SK102			9.96	143	29
136	1.5	SK92			10.5	136	27
120	2.2	SK102			11.88	120	24
115	1.4	SK92	-W- -IEC280-	1 Input Option (Choose One)	12.39	115	23
100	1.8	SK102			14.29	100	20
86	1.7	SK102			16.63	86	17
74	1.4	SK102			19.37	74	15
67	1.5	SK103			21.19	67	13
57	1.3	SK103			25.3	57	11

1 Reducer Input Options

Weights (kg)

-W- Solid Shaft Input
Reducer

-IEC280- IEC C-Face Input
Reducer (no motor).

	W	IEC280
SK92	575	635
SK102	821	856
SK103	830	865

Section	1989
Page	1989.24
Issue	B

**PARTS & ACCESSORIES:
SPEED REDUCERS**
NORD 50 Hz Motors



110 KW | 67 RPM TO 407 RPM

		Part Number				
		SKXXX	-XX -	X.XX	5:1 Inverter Duty (Constant Torque)	
4-Pole 1400 RPM		1	2	3	50Hz (rpm)	10Hz (rpm)
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)	Gear Ratio		
407	2.2	SK92	-W-	3.51	407	81
273	2.7	SK102		5.23	273	55
252	1.7	SK92		5.68	252	50
229	2.5	SK102		6.24	229	46
213	1.5	SK92		6.7	213	43
190	2.0	SK102		7.5	190	38
144	2.0	SK102		9.96	144	29
136	1.3	SK92		10.5	136	27
121	1.8	SK102		11.88	121	24
100	1.5	SK102		14.29	100	20
86	1.4	SK102		16.63	86	17
67	1.3	SK103		21.19	67	13

1 Reducer Input Options

Weights (kg)

- W- Solid Shaft Input Reducer
- IEC315- IEC C-Face Input Reducer (no motor).

	W	IEC315
SK92	575	715
SK102	821	936
SK103	830	945

PARTS & ACCESSORIES: SPEED REDUCERS

NORD 50 Hz Motors



Section	1989
Page	1989.25
Issue	B

132 KW | 100 RPM TO 408 RPM

		Part Number			5:1 Inverter Duty (Constant Torque)		
		SKxxx	-XX -	X.XX	Gear Ratio	50Hz (rpm)	10Hz (rpm)
4-Pole 1400 RPM		1	2	3			
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)				
408	1.8	SK92	-W-	3.51	408	82	
334	2.6	SK102		4.28	334	67	
273	2.3	SK102		5.23	273	55	
252	1.4	SK92		5.68	252	50	
229	2	SK102		6.24	229	46	
213	1.4	SK92		6.7	213	43	
191	1.8	SK102		7.5	191	38	
144	1.8	SK102		9.96	144	29	
121	1.5	SK102		11.88	121	24	
100	1.4	SK102		14.29	100	20	

1 Reducer Input Options

-W- Solid Shaft Input Reducer

-IEC315- IEC C-Face Input Reducer (no motor).

Weights (kg)

	W	IEC315
SK92	575	715
SK102	821	936

Section	1989
Page	1989.26
Issue	B

**PARTS & ACCESSORIES:
SPEED REDUCERS**
NORD 50 Hz Motors



160 KW | 121 RPM TO 408 RPM

		Part Number			5:1 Inverter Duty (Constant Torque)		
		SKxxx	-XX -	X.XX	Gear Ratio	50Hz (rpm)	10Hz (rpm)
4-Pole 1400 RPM		1	2	3			
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)				
408	1.6	SK92	-W-	3.51	408	82	
334	2.2	SK102		4.28	334	67	
273	2	SK102	-IEC315-	5.23	273	55	
252	1.3	SK92		5.68	252	50	
229	1.8	SK102		6.24	229	46	
191	1.5	SK102		7.5	191	38	
144	1.5	SK102		9.96	144	29	
121	1.4	SK102		11.88	121	24	

1 Reducer Input Options

Weights (kg)

-W- Solid Shaft Input Reducer

	W	IEC315
SK92	575	715
SK102	821	936

-IEC315- IEC C-Face Input Reducer (no motor).

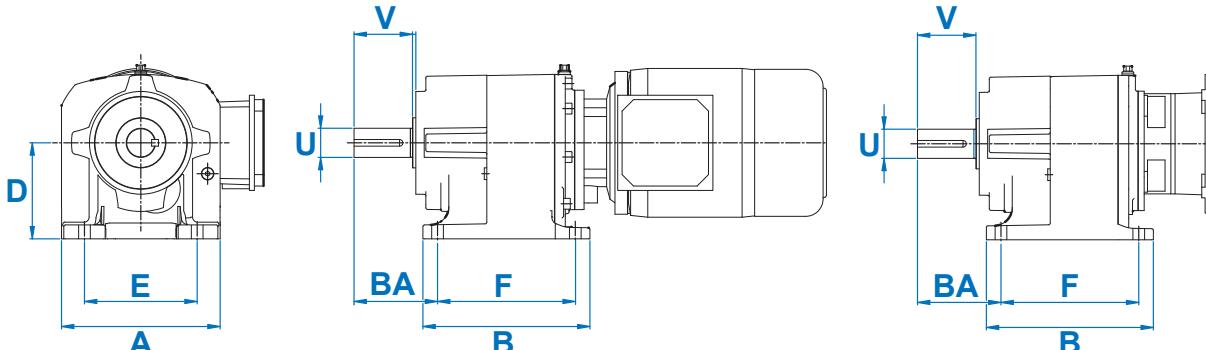
PARTS & ACCESSORIES: SPEED REDUCERS

NORD 50 Hz Motors



Section	1989
Page	1989.27
Issue	B

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