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Gear Ratio Range: From 2.1:1 to 45.9:1 (varies by reducer size)

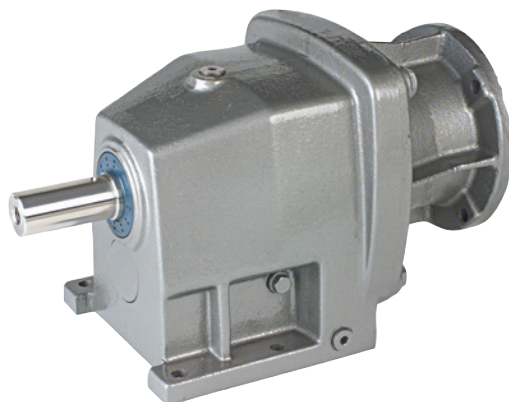
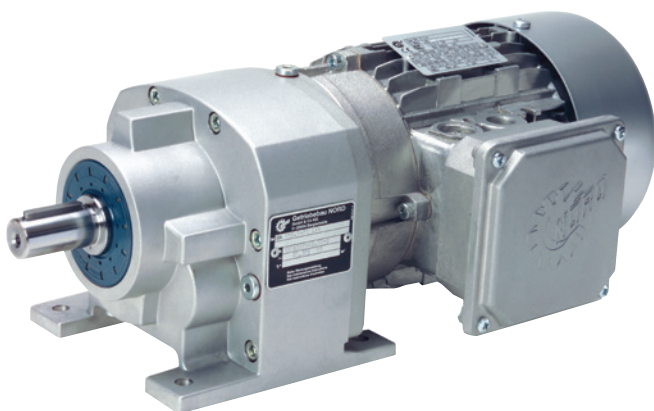
Output Speeds: (with 1750 rpm input) 819 to 36 rpm (varies by reducer size)

Reducer Horsepower Range: 0.5 HP to 200 HP

MAJOR DESIGN FEATURES

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)
 - Integral Gearmotor Design in IE1 and IE2 (varies by size)
- Modular design, up to 98.5% efficient
- Heavy Duty Unicast™ 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

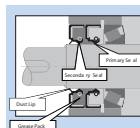


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Gearmotors & Speed Reducers

60 Hz Motors



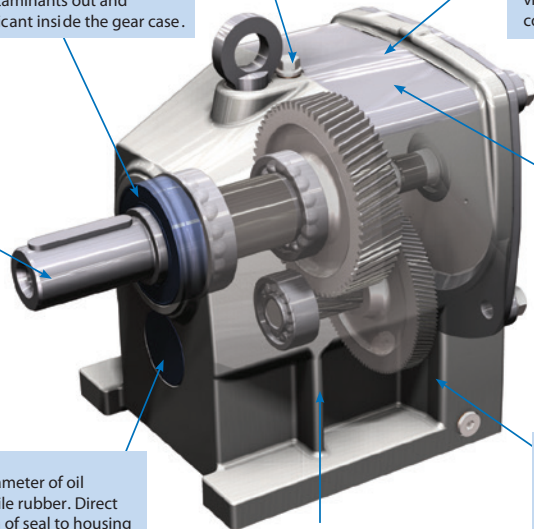
QUADRILIP™ shaft seal system – consists of 2 spring compression lips, 1 trash guard lip and 1 collector grease pack – keeps contaminants out and lubricant inside the gear case.



AUTOVENT™ breather seals dirt and moisture out while allowing the gear case to breathe during startup and cool down.

Standard paint has 316 stainless steel flakes with a flexible and tough resin binder. USDA incidental contact H1 approval provides excellent moisture and corrosion resistance.

Shaft material is wear - resistant, high carbon steel that provides stable non-grooving surface for oil seal contact.



Primer paint covers all exterior surfaces of the housing, providing excellent base corrosion protection.

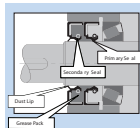
HELICAL IN-LINE STANDARD FEATURES

Outside diameter of oil seals is nitrile rubber. Direct connection of seal to housing eliminates bolt-on covers and centers the seal, eliminating the potential for leakage.

Housing interior seal coating locks in casting sand, fills in processing blemishes eliminating leak paths, and protects against moisture damage to inside of gear case.

UNICASE™

UNICASE™ one-piece housing is torsionally stiff, machined in one pass, has extreme accuracy, and eliminates the split case leakage path.



QUADRILIP™ shaft seal system – consists of 2 spring compression lips, 1 trash guard lip and 1 collector grease pack – keeps contaminants out and lubricant inside the gear case.

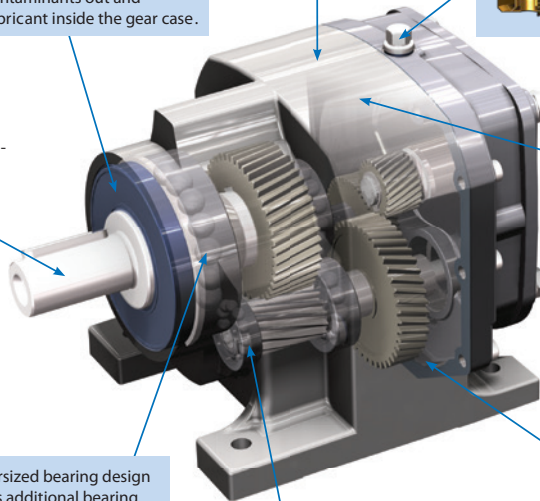
NORDBLOC.1® units are filled at the factory with the proper quantity and type of lubrication. Oil fill before shipping prevents damage from dry start-ups.



AUTOVENT™ breather seals dirt and moisture out while allowing the gear case to breathe during startup and cool down.

NORDBLOC.1® STANDARD FEATURES

Shaft material is wear - resistant, high carbon steel that provides stable non-grooving surface for oil seal contact.



UNICASE™

UNICASE™ one-piece housing is torsionally stiff, machined in one pass, has extreme accuracy, & eliminates the split case leakage path.

Our oversized bearing design provides additional bearing capacity to handle larger load forces. This design allows for larger overhung and axial load capacity as well as an increased bearing life.

Outside diameter of oil seals is nitrile rubber. Direct connection of seal to housing eliminates bolt-on covers and centers the seal, eliminating the potential for leakage.

Housing interior seal coating locks in casting sand, fills in processing blemishes eliminating leak paths, and protects against moisture damage to inside of gear case.

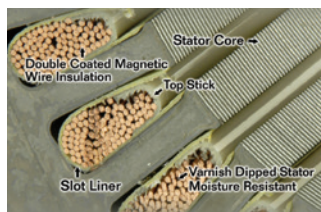
Nordbloc.1® is a registered trademark of NORD Gear Corporation

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**STANDARD
MOTOR FEATURES**



Inverter duty winding protection, Class H magnet wire insulation, double coated wire, and voltage spike protection.

End bell to stator connections are sealed to keep out moisture.

Shaft lip seal prevents contaminants from entering.

Bearing grease has superior resistance to washout, rust and corrosion.

Corrosion-resistant, non-sparking fan.

Die cast aluminum rotor coated to prevent corrosion.

Corrosion-resistant aluminum alloy construction.

Threaded cable entry allows the power feed line to be sealed.

Shaft lip seal excludes speed reducer lubricant, allowing motor to be mounted in any position.

Standard paint has 316 stainless steel flakes with a flexible and tough resin binder. USDA incidental contact H1 approval provides excellent moisture resistance.

Conduit box connections and lid have gaskets to ensure a water tight seal.

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Gearmotors & Speed Reducers

60 Hz Motors



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

SELECTING THE CORRECT NORD REDUCER OR GEARMOTOR

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

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.

4. Next, determine the part number of the Nord reducer or gearmotor. 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**

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

		Part Number					
		SKxxx	-xx-	x.xx	-x		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
510	2.3	SK92		3.51		510	102
418	3.2	SK102		4.28	-1	418	84
342	2.9	SK102		5.23		342	68
315	1.8	SK92	-W-	5.68		315	63
287	2.6	SK102		6.24		287	57
267	1.7	SK92		6.7	-2	267	53
239	2.2	SK102	-315M-	7.5		239	48
180	2.2	SK102	-315MH-	9.96		180	36
170	1.4	SK92		10.5		170	34
151	1.9	SK102		11.88	-4	151	30
125	1.7	SK102		14.29		125	25
108	1.5	SK102		16.63		108	22

¹ Reducer Input Options

- W- Solid Shaft Input Reducer
- 315M- Integral 4-Pole TEFC Standard Gear Motor
- 315MH- Integral 4-Pole TEFC Energy Efficient Gear Motor

² Voltage Code

- 1 230/460V, 60 Hz, 3 Ph
- 2 575V, 60 Hz, 3 Ph
- 4 400V, 50 Hz, 3 Ph

(For more options, contact Viking Pump)

		Part Number					
		SKxxx	-xx-	x.xx	-x		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
658	1.7	SK372.1		2.62		658	132
618	2	SK22		2.79	-1	618	124
603	1.5	SK372.1	-W-	2.86		603	121
591	2.7	SK572.1		2.92	-2	591	118
583	1.7	SK12*		2.96		583	117
553	1.6	SK372.1	-N180TC-	3.12		553	111
528	2.7	SK572.1		3.27	-3	528	106
509	1.6	SK12*	-100LA-	3.39		509	102
503	1.6	SK372.1	-112MH-	3.43	-4	503	101
489	1.8	SK22		3.53		489	98

¹ Reducer Input Options

- W- Solid Shaft Input Reducer
- N180TC- NEMA C-Face Input Reducer (no motor).
Optional motor:
part # listed below. **
- 100LA- Integral 4-Pole TEFC Standard Gear Motor
- 112MH- Integral 4-Pole TEFC Energy Efficient Gear Motor

² Voltage Code

- 1 230/460V, 60 Hz, 3 Ph
- 2 575V, 60 Hz, 3 Ph
- 3 208-230/460V, 60 Hz, 3 Ph
- 4 400V, 50 Hz, 3 Ph

(For more options, contact Viking Pump)



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- c. Gearmotor: 125 RPM output speed, 230/460V - 60 Hz.
Part # = **SK102-315MA-14.29-1**

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

¹ Reducer Input Options

-W- Solid Shaft Input Reducer

-315MA- Integral 4-Pole TEFC Standard Gear Motor

² Voltage Code

-1 230/460V, 60 Hz, 3 Ph

-2 575V, 60 Hz, 3 Ph

-4 400V, 50 Hz, 3 Ph

(For more options, contact Viking Pump)

5. If ordering a reducer with a NEMA motor adaptor, you have the option to buy a Nord motor with it. The Nord Motor parts numbers are available at the bottom of the 60 Hz catalog pages (up to 20 HP)

Example:

NORD Gearmotors & Speed Reducers					Section	616
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60 Hz Motors 39 RPM to 583 RPM					Issue	A
4-Pole 1750 RPM	5-Pole 1425 RPM	6-Pole 1180 RPM	8-Pole 900 RPM	10-Pole 720 RPM	12-Pole 600 RPM	15-Pole 480 RPM
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	60Hz (rpm)
510	2	SK92	-W-	3.51	-1	510
418	2.8	SK102		4.28		102
342	2.5	SK102		5.23		84
315	1.6	SK92		5.68		68
287	2.3	SK102		6.24		63
267	1.5	SK92		6.7		57
239	1.9	SK102		7.5		53
180	1.9	SK102		9.96		48
151	1.7	SK102		11.88		36
125	1.5	SK102		14.29		30
108	1.3	SK102		16.63		25
						22

¹ Reducer Input Options

-W- Solid Shaft Input Reducer

-315MA- Integral 4-Pole TEFC Standard Gear Motor

² Voltage Code

-1 230/460V, 60 Hz, 3 Ph

-2 575V, 60 Hz, 3 Ph

-4 400V, 50 Hz, 3 Ph

(For more options, contact Viking Pump)

Optional NEMA C-Face TEFC Motor

(can be used with reducer with NEMA C-Face adaptor input)

Efficiency	Part Number	Weight (LBS)
IE2	EE	SK160LH/4-256TCTW
		- ² Voltage Code
		198.4

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Gearmotors & Speed Reducers

60 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



Gearmotors & Speed Reducers

0.5 HP

60 Hz Motors | 37 RPM to 819 RPM



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		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	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	-W-	3.89	-1	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*	-N56C-	4.31	-2	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	-71L-	5.14	-3	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

		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	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	-W-	15.95	-1	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*	-N56C-	19.2	-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	-71L-	23.13	-3	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

- W- Solid Shaft Input Reducer
- N56C- NEMA C-Face Input Reducer (no motor).
Optional motor:
part # listed below. **
- 71L- Integral 4-Pole TEFC Standard Gear Motor

² Voltage Code

- 1 230/460V, 60 Hz, 3 Ph
- 2 575V, 60 Hz, 3 Ph
- 3 208-230/460V, 60 Hz, 3 Ph
- 4 400V, 50 Hz, 3 Ph
(For more options, contact Viking Pump)

Weights (lb)

	W	71L	N56C
SK072.1	N/A	14	9
SK02	26	32	29
SK172.1	15	18	15
SK12	31	36	33
SK372.1	24	29	22
SK373.1	26	30	24
SK572.1	40	46	40
SK573.1	42	47	42
SK22	64	56	60

** Optional NORD NEMA C-Face TEFC Motor				Weight
Efficiency		Part Number		(LBS)
IE1	Standard	SK71L/4-56C	- ² Voltage Code	13.9

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Gearmotors & Speed Reducers

0.75 HP

60 Hz Motors | 37 RPM to 737 RPM



		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)	Gear Ratio	2 Voltage Code (Gear Motors Only)	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	-1	4.17	-1	410	82
405	3.9	SK02		4.22		405	81
370	5	SK172.1		4.62		370	74
355	3.8	SK02	-W-	4.82	-2	355	71
333	5.2	SK172.1		5.14		333	67
307	3.3	SK02		5.57		307	61
296	4.3	SK172.1	-N56C-	5.77	-3	296	59
280	3	SK02		6.1		280	56
266	4.1	SK172.1		6.43		266	53
248	2.8	SK02	-80S-	6.89	-4	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

		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)	Gear Ratio	2 Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
132	4.9	SK372.1		12.96		132	26
128	3.6	SK12		13.39		128	26
126	2	SK172.1		13.54		126	25
117	4.2	SK372.1		14.57		117	23
109	1.7	SK172.1		15.76		109	22
107	1.4	SK02		15.95		107	21
104	3.7	SK372.1		16.5		104	21
102	2.9	SK12		16.73		102	20
93	3.5	SK372.1		18.4		93	19
92	3.3	SK373.1		18.63		92	18
91	2.7	SK12	-W-	18.79	-1	91	18
83	3.3	SK373.1		20.52		83	17
80	2.5	SK12		21.28		80	16
75	3	SK373.1		22.74	-2	75	15
74	2.8	SK372.1		23		74	15
73	2.9	SK373.1		23.41		73	15
69	3.2	SK22	-N56C-	24.73	-3	69	14
66	2.4	SK372.1		25.85		66	13
59	1.4	SK12		29.15		59	12
58	3.2	SK22	-80S-	29.31	-4	58	12
57	2.3	SK373.1		29.77		57	11
55	1.7	SK12		31.19		55	11
52	1.9	SK373.1		33.2		52	10
51	1.8	SK372.1		33.84		51	10
49	4	SK573.1		34.8		49	10
48	3.3	SK572.1		35.65		48	10
46	1.7	SK373.1		37.23		46	9
45	1.5	SK12		38.31		45	9
41	3.4	SK573.1		42.18		41	8
40	2.8	SK572.1		42.38		40	8
39	3.3	SK573.1		43.4		39	8
38	3.2	SK672.1		44.55		38	8
37	2.2	SK572.1		45.77		37	7

1 Reducer Input Options

- W- Solid Shaft Input Reducer
- NEMA C-Face Input Reducer (no motor).
Optional motor:
part # listed below. **
- 80S- Integral 4-Pole TEFC Standard Gear Motor

2 Voltage Code

- 1 230/460V, 60 Hz, 3 Ph
 - 2 575V, 60 Hz, 3 Ph
 - 3 208-230/460V, 60 Hz, 3 Ph
 - 4 400V, 50 Hz, 3 Ph
- (For more options, contact Viking Pump)

Weights (lb)

	W	80S	N56C
SK02	26	35	29
SK172.1	15	27	15
SK12	31	40	33
SK372.1	24	33	22
SK373.1	26	34	24
SK572.1	40	50	40
SK573.1	42	51	42
SK22	64	60	60
SK672.1	53	62	51

** Optional NORD NEMA C-Face TEFC Motor				Weight
Efficiency		Part Number		(LBS)
IE1	Standard	SK80S/4-56C	-	2 Voltage Code
				17.6



Gearmotors & Speed Reducers

1 HP

60 Hz Motors | 36 RPM to 711 RPM



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		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)	Gear Ratio	2 Voltage Code (Gear Motors Only)	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	-1	357	71
342	2.7	SK02	-W-	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	-2	286	57
270	2.2	SK02	-N56C-	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	-3	233	47
228	4.9	SK372.1		7.23		228	46
227	3.9	SK12	-80L-	7.28		227	45
212	1.9	SK02	-80LH-	7.8		212	42
211	2.4	SK172.1		7.83	-4	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

		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)	Gear Ratio	2 Voltage Code (Gear Motors Only)	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	-1	89	18
88	2	SK12	-W-	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	-2	73	15
72	2	SK372.1	-N56C-	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	-3	67	13
64	1.9	SK373.1		25.94		64	13
62	3.7	SK573.1	-80L-	26.77		62	12
61	3.4	SK572.1	-80LH-	27	-4	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

- W- Solid Shaft Input Reducer
- N56C- NEMA C-Face Input Reducer (no motor).
Optional motor:
part # listed below. **
- 80L- Integral 4-Pole TEFC Standard Gear Motor
- 80LH- Integral 4-Pole TEFC Energy Efficient Gear Motor

2 Voltage Code

- 1 230/460V, 60 Hz, 3 Ph
- 2 575V, 60 Hz, 3 Ph
- 3 208-230/460V, 60 Hz, 3 Ph
- 4 400V, 50 Hz, 3 Ph

(For more options, contact Viking Pump)

Weights (lb)

	W	80L	N56C
SK02	26	32	29
SK172.1	15	31	15
SK12	31	36	33
SK372.1	24	35	22
SK373.1	26	30	24
SK572.1	40	52	40
SK573.1	42	53	42
SK22	64	56	60
SK672.1	53	64	51
SK673.1	55	66	53

** Optional NORD NEMA C-Face TEFC Motor				Weight
Efficiency		Part Number		(LBS)
IE1	Standard	SK80L/4-56C	-	19.8
IE2	EE	SK80LH/4-56C	2 Voltage Code	19.8

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Gearmotors & Speed Reducers

1.5 HP

60 Hz Motors | 37 RPM to 716 RPM



		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)	Gear Ratio	2 Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
716	2.9	SK172.1		2.32		716	143
667	2.7	SK172.1		2.49		667	133
610	2.6	SK172.1		2.72		610	122
568	2.7	SK172.1		2.92		568	114
563	2.4	SK02		2.95		563	113
516	2.6	SK172.1		3.22		516	103
491	2.3	SK02		3.38		491	98
480	2.4	SK172.1		3.46		480	96
438	2.4	SK172.1		3.79		438	88
427	2.1	SK02		3.89		427	85
417	4.4	SK12	-W-	3.98	-1	417	83
398	2.4	SK172.1		4.17		398	80
397	4.8	SK372.1		4.18		397	79
393	1.9	SK02		4.22		393	79
384	4	SK12		4.32		384	77
370	4.1	SK12		4.49		370	74
359	2.4	SK172.1		4.62		359	72
356	4.7	SK372.1		4.66		356	71
344	1.8	SK02		4.82	-2	344	69
337	3.7	SK12		4.93		337	67
323	2.5	SK172.1	-N140TC-	5.14		323	65
317	4.7	SK372.1		5.24		317	63
298	1.6	SK02		5.57		298	60
288	2.1	SK172.1		5.77		288	58
287	3.3	SK12		5.79	-3	287	57
279	4.2	SK372.1		5.95		279	56
272	1.5	SK02		6.15		272	54
258	2	SK172.1		6.43		258	52
254	3	SK12		6.53	-4	254	51
252	3.8	SK372.1		6.58		252	50
241	3.8	SK372.1		6.89		241	48
234	1.8	SK172.1		7.08		234	47
230	3.6	SK372.1	-90S- -90SH-	7.23		230	46
228	2.6	SK12		7.28		228	46
212	1.6	SK172.1		7.83		212	42
211	2.6	SK12		7.85		211	42
202	3.4	SK372.1		8.22		202	40
194	2.4	SK12		8.56		194	39
190	1.6	SK172.1		8.72		190	38
177	3.1	SK372.1		9.4		177	35
172	2.2	SK12		9.65		172	34
161	2.9	SK372.1		10.28		161	32
155	1.9	SK12		10.7		155	31
152	4.5	SK22		10.89		152	30
144	2.6	SK372.1		11.55		144	29

		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)	Gear Ratio	2 Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
136	4.2	SK22		12.2		136	27
128	2.4	SK372.1		12.96		128	26
124	1.7	SK12		13.39		124	25
114	2	SK372.1		14.57		114	23
113	3.6	SK22		14.69		113	23
101	1.8	SK372.1		16.5		101	20
101	3.8	SK572.1		16.46		101	20
99	3.1	SK22		16.75		99	20
95	3.8	SK573.1		17.42		95	19
90	1.7	SK372.1		18.4		90	18
89	1.6	SK373.1	-W-	18.63	-1	89	18
86	3.5	SK573.1		19.22		86	17
85	3.2	SK572.1		19.57		85	17
83	2.2	SK22		20.03		83	17
81	1.4	SK372.1		20.62		81	16
78	3.1	SK573.1		21.32		78	16
76	3	SK572.1		21.85	-2	76	15
73	1.4	SK373.1		22.74		73	15
71	1.4	SK373.1	-N140TC-	23.41		71	14
70	2.8	SK573.1		23.79		70	14
68	2.7	SK572.1		24.58		68	14
67	1.5	SK22		24.73		67	13
62	2.5	SK573.1		26.77	-3	62	12
61	2.3	SK572.1		27		61	12
58	2	SK22		28.8		58	12
57	2	SK572.1		28.91		57	11
55	3.3	SK32		30.43	-4	55	11
54	2.2	SK573.1		30.93		54	11
53	1.8	SK572.1		31.28		53	11
51	2.9	SK672.1		32.58		51	10
50	1.8	SK32		33.05		50	10
48	2	SK573.1		34.8		48	10
46	2.4	SK672.1		35.75		46	9
45	2.5	SK32		37.23		45	9
44	1.8	SK573.1		38.02		44	9
43	1.8	SK32		38.76		43	9
42	3.4	SK773.1		39.06		42	8
40	2.4	SK673.1		41.54		40	8
39	1.7	SK573.1		42.18		39	8
38	3.1	SK773.1		43.43		38	8
37	1.6	SK672.1		44.55		37	7

1 Reducer Input Options

-W-	Solid Shaft Input Reducer
-N140TC-	NEMA C-Face Input Reducer (no motor). Optional motor: part # listed below. **
-90S-	Integral 4-Pole TEFC Standard Gear Motor
-90SH-	Integral 4- Pole TEFC Energy Efficient Gear Motor

2 Voltage Code

-1	230/460V, 60 Hz, 3 Ph
-2	575V, 60 Hz, 3 Ph
-3	208-230/460V, 60 Hz, 3 Ph
-4	400V, 50 Hz, 3 Ph (For more options, contact Viking Pump)

Weights (lb)

	W	90S	N140TC
SK02	26	44	37
SK172.1	15	36	15
SK12	31	49	42
SK372.1	24	42	22
SK373.1	26	43	24
SK572.1	40	58	40
SK573.1	42	60	42
SK22	64	64	69
SK672.1	53	71	51
SK673.1	55	73	51

** Optional NORD NEMA C-Face TEFC Motor (can be used with reducer with NEMA C-Face adaptor input)				Weight
Efficiency	Part Number			(LBS)
IE2	EE	SK90SH/4-145TC	-	26.5
			2 Voltage Code	



Gearmotors & Speed Reducers

2 HP

60 Hz Motors | 37 RPM to 716 RPM



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		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)	Gear Ratio	2 Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
716	2.2	SK172.1		2.32		716	143
667	2	SK172.1		2.49		667	133
634	4	SK372.1		2.62		634	127
610	2	SK172.1		2.72		610	122
580	3.7	SK372.1		2.86		580	116
568	2	SK172.1		2.92		568	114
563	1.8	SK02		2.95		563	113
532	3.7	SK372.1		3.12		532	106
516	2	SK172.1		3.22		516	103
491	1.8	SK02		3.38		491	98
484	3.7	SK372.1		3.43		484	97
480	1.8	SK172.1		3.46		480	96
439	3.7	SK372.1		3.78		439	88
438	1.8	SK172.1		3.79		438	88
427	1.6	SK02		3.89		427	85
398	1.8	SK172.1		4.17		398	80
397	3.6	SK372.1	-W-	4.18	-1	397	79
393	1.4	SK02		4.22		393	79
370	3.1	SK12		4.49		370	74
359	1.8	SK172.1		4.62		359	72
356	3.5	SK372.1	-N140TC-	4.66	-2	356	71
344	1.4	SK02		4.82		344	69
337	2.7	SK12		4.93		337	67
323	1.9	SK172.1		5.14		323	65
317	3.6	SK372.1	-90L-	5.24	-3	317	63
288	1.6	SK172.1	-90LH-	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	-4	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

		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)	Gear Ratio	2 Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
152	3.4	SK22		10.89		152	30
148	3.9	SK572.1		11.25		148	30
144	1.9	SK372.1		11.55		144	29
136	3.1	SK22		12.2		136	27
131	3.7	SK572.1		12.68		131	26
128	1.8	SK372.1		12.96		128	26
121	3.4	SK572.1		13.67		121	24
114	1.5	SK372.1		14.57		114	23
113	2.7	SK22		14.69		113	23
108	3.9	SK672.1		15.35		108	22
101	2.8	SK572.1		16.46		101	20
99	2.4	SK22		16.75		99	20
96	3.7	SK672.1		17.25		96	19
95	2.9	SK573.1		17.42		95	19
90	3.4	SK672.1		18.41		90	18
89	3.9	SK32		18.67		89	18
86	2.6	SK573.1	-W-	19.22	-1	86	17
85	2.4	SK572.1		19.57		85	17
83	1.7	SK22		20.03		83	17
81	3.4	SK672.1	-N140TC-	20.62		81	16
80	3.7	SK32		20.7	-2	80	16
78	2.4	SK573.1		21.32		78	16
76	2.2	SK572.1		21.85		76	15
72	3.2	SK32	-90L-	23.12	-3	72	14
70	2.1	SK573.1	-90LH-	23.79		70	14
68	2	SK572.1		24.58		68	14
66	2.3	SK673.1		25.19		66	13
61	2.6	SK32		27.24	-4	61	12
60	2.2	SK673.1		27.61		60	12
58	1.5	SK22		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

-W-	Solid Shaft Input Reducer
-N140TC-	NEMA C-Face Input Reducer (no motor). Optional motor: part # listed below. **
-90L-	Integral 4-Pole TEFC Standard Gear Motor
-90LH-	Integral 4-Pole TEFC Energy Efficient Gear Motor

2 Voltage Code

-1	230/460V, 60 Hz, 3 Ph
-2	575V, 60 Hz, 3 Ph
-3	208-230/460V, 60 Hz, 3 Ph
-4	400V, 50 Hz, 3 Ph

(For more options, contact Viking Pump)

Weights (lb)

	W	90L	N140TC
SK02	26	49	37
SK172.1	15	44	15
SK12	31	53	42
SK372.1	24	46	22
SK373.1	26	47	24
SK572.1	40	63	40
SK573.1	42	64	42
SK22	64	73	69
SK672.1	53	75	51
SK673.1	55	77	53
SK32	88	97	93
SK773.1	97	105	93
SK43	154	163	159

** Optional NORD NEMA C-Face TEFC Motor (can be used with reducer with NEMA C-Face adaptor input)				Weight
Efficiency	Part Number			(LBS)
IE2	EE	SK90LH/4-145TC	-	2 Voltage Code
				30.9

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Gearmotors & Speed Reducers

3 HP

60 Hz Motors | 37 RPM to 651 RPM



		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)	Gear Ratio	2 Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
651	2.7	SK372.1		2.62		651	130
596	2.5	SK372.1		2.86		596	119
576	2.8	SK12*		2.96		576	115
546	2.6	SK372.1		3.12		546	109
503	2.6	SK12*		3.39		503	101
497	2.6	SK372.1		3.43		497	99
451	2.5	SK372.1		3.78		451	90
428	2.3	SK12*		3.98		428	86
408	2.5	SK372.1		4.18		408	82
395	2.1	SK12*		4.32		395	79
380	2.1	SK12*		4.49		380	76
369	2.6	SK22		4.62		369	74
366	2.4	SK372.1		4.66		366	73
346	1.9	SK12*		4.93		346	69
329	2.4	SK22		5.18		329	66
325	2.4	SK372.1		5.24		325	65
294	1.7	SK12*		5.79	-1	294	59
287	2.1	SK372.1		5.95		287	57
271	4	SK572.1	-W-	6.3		271	54
262	2.8	SK22		6.51		262	52
261	1.5	SK12*		6.53	-2	261	52
259	1.9	SK372.1	-N180TC-	6.58		259	52
249	3	SK22		6.86		249	50
247	2	SK372.1		6.89		247	49
236	1.9	SK372.1		7.23	-3	236	47
234	1.4	SK12*		7.28		234	47
228	3.7	SK572.1	-100L-	7.49		228	46
225	2.6	SK22	-100LH-	7.57		225	45
209	3.5	SK572.1		8.15	-4	209	42
207	1.7	SK372.1		8.22		207	41
201	2.4	SK22		8.48		201	40
191	3.3	SK572.1		8.92		191	38
181	1.6	SK372.1		9.4		181	36
170	3.2	SK572.1		10.04		170	34
166	1.5	SK372.1		10.28		166	33
157	2.3	SK22		10.89		157	31
152	1.8	SK572.1		11.25		152	30
148	2.4	SK372.1		11.55		148	30
140	1.6	SK22		12.2		140	28
134	4	SK572.1		12.68		134	27
125	2.2	SK572.1		13.67		125	25
124	1.5	SK672.1		13.7		124	25
117	3.4	SK32		14.55		117	23
116	3.9	SK22		14.69		116	23
113	1.9	SK32		15.03		113	23

		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)	Gear Ratio	2 Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
111	3.1	SK572.1		15.38		111	22
105	1.8	SK32		16.25		105	21
102	3.4	SK22		16.75		102	20
102	1.5	SK32		16.66		102	20
99	2.7	SK672.1		17.25		99	20
98	3.3	SK573.1		17.42		98	20
93	3.9	SK672.1		18.41		93	19
91	2.8	SK32		18.67		91	18
89	2.4	SK573.1		19.22		89	18
87	3.7	SK572.1		19.57		87	17
84	2.9	SK772.1		20.31		84	17
82	3.4	SK32		20.7		82	16
80	3.9	SK573.1		21.32		80	16
79	2.6	SK773.1		21.49		79	16
78	1.7	SK572.1		21.85		78	16
75	3.4	SK673.1		22.82		75	15
74	3.7	SK32		23.12	-1	74	15
73	2.4	SK672.1	-W-	23.41		73	15
72	2.2	SK573.1		23.79		72	14
70	3.2	SK772.1		24.41		70	14
69	2	SK572.1		24.58	-2	69	14
68	2.3	SK673.1	-N180TC-	25.19		68	14
67	1.9	SK773.1		25.39		67	13
65	1.9	SK672.1		26.23	-3	65	13
64	2.6	SK32		26.57		64	13
63	2.2	SK32	-100L-	27.24		63	13
62	1.5	SK673.1	-100LH-	27.61		62	12
60	2.3	SK773.1		28.63	-4	60	12
59	1.5	SK672.1		29.08		59	12
58	2.8	SK42		29.29		58	12
56	2.8	SK42		30.46		56	11
55	1.4	SK673.1		30.92		55	11
52	1.5	SK672.1		32.58		52	10
50	1.4	SK673.1		34.12		50	10
49	2.7	SK872.1		35.08		49	10
48	2.8	SK42		35.25		48	10
46	1.4	SK673.1		37.23		46	9
44	1.7	SK773.1		39.06		44	9
43	3.4	SK873.1		39.68		43	9
42	2	SK43		40.98		42	8
41	2.3	SK42		41.29		41	8
40	2.6	SK872.1		42.67		40	8
39	1.6	SK773.1		43.43		39	8
37	3	SK873.1		45.53		37	7

* SK12 is not available with NEMA adaptor -N180TC-

1 Reducer Input Options

-W-	Solid Shaft Input Reducer
-N180TC-	NEMA C-Face Input Reducer (no motor). Optional motor: part # listed below. **
-100L-	Integral 4-Pole TEFC Standard Gear Motor
-100LH-	Integral 4-Pole TEFC Energy Efficient Gear Motor

2 Voltage Code

-1	230/460V, 60 Hz, 3 Ph
-2	575V, 60 Hz, 3 Ph
-3	208-230/460V, 60 Hz, 3 Ph
-4	400V, 50 Hz, 3 Ph

(For more options, contact Viking Pump)

Weights (lb)

	W	100L	N180TC
SK12	31	62	N/A
SK372.1	24	72	24
SK572.1	40	46	42
SK573.1	42	47	44
SK22	64	82	77
SK672.1	53	84	53
SK673.1	55	86	60
SK32	88	106	101
SK772.1	93	110	97
SK773.1	97	114	101
SK42	143	139	148
SK43	154	172	168
SK872.1	192	186	196
SK873.1	196	191	201
SK52	207	203	212

** Optional NORD NEMA C-Face TEFC Motor (can be used with reducer with NEMA C-Face adaptor input)				Weight
Efficiency	Part Number			(LBS)
IE2	EE	SK100LH/4-182TC	-	2 Voltage Code
				19.8



Gearmotors & Speed Reducers

5 HP

60 Hz Motors | 38 RPM to 658 RPM



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		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)	Gear Ratio	2 Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
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
460	5.9	SK32	-W-	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	-1	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	-2	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	-3	314	63
309	2.9	SK672.1		5.59		309	62
303	5.1	SK32	-100LA- -112MH-	5.7		303	61
298	1.8	SK22		5.79		298	60
293	2.5	SK572.1		5.88		293	59
282	2.7	SK672.1		6.12		282	56
274	2.5	SK572.1		6.3	-4	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		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	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)	Gear Ratio	2 Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
176	3.2	SK32		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	-W-	13.7	-1	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	-N180TC-	16.66		104	21
100	1.5	SK672.1		17.25		100	20
97	3.2	SK42		17.71	-2	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	-3	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	-4	73	15
72	3.9	SK52		23.92		72	14
70	1.7	SK42		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		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

-W-	Solid Shaft Input Reducer
-N180TC-	NEMA C-Face Input Reducer (no motor). Optional motor: part # listed below. **
-100LA-	Integral 4-Pole TEFC Standard Gear Motor
-112MH-	Integral 4-Pole TEFC Energy Efficient Gear Motor

2 Voltage Code

-1	230/460V, 60 Hz, 3 Ph
-2	575V, 60 Hz, 3 Ph
-3	208-230/460V, 60 Hz, 3 Ph
-4	400V, 50 Hz, 3 Ph

(For more options, contact Viking Pump)

Weights (lb)

	W	100LA	112MH	N180TC
SK12	31	68	88	N/A
SK372.1	24	62	84	24
SK572.1	40	78	100	42
SK22	64	88	109	77
SK672.1	53	90	111	53
SK32	88	112	132	101
SK772.1	93	117	137	97
SK773.1	97	120	142	101
SK42	143	146	166	148
SK43	154	179	199	168
SK872.1	192	193	214	196
SK873.1	196	197	219	201
SK52	207	209	230	212
SK63	328	331	352	333

** Optional NORD NEMA C-Face TEFC Motor (can be used with reducer with NEMA C-Face adaptor input)				Weight
Efficiency	Part Number			(LBS)
IE2	EE	SK112MH/4-184TC	-	2 Voltage Code
				83.6

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Gearmotors & Speed Reducers

7.5 HP

60 Hz Motors | 40 RPM to 652 RPM



		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	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	-W-	4.61	-1	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	-2	238	48
226	2.2	SK672.1	-N210TC-	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	-4	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	-132S- -132SH-	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

		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
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	-W-	16.96	-1	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	-2	81	16
80	2.8	SK52		21.68		80	16
79	1.6	SK42		21.87		79	16
75	2.2	SK872.1	-N210TC-	23.02		75	15
73	2.6	SK52		23.92		73	15
72	2.3	SK52		24.07	-3	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	-4	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).
Optional motor:
part # listed below. **
- 132S- Integral 4-Pole TEFC Standard Gear Motor
- 132SH- Integral 4-Pole TEFC Energy Efficient Gear Motor

² Voltage Code

- 1 230/460V, 60 Hz, 3 Ph
 - 2 575V, 60 Hz, 3 Ph
 - 3 208-230/460V, 60 Hz, 3 Ph
 - 4 400V, 50 Hz, 3 Ph
- (For more options, contact Viking Pump)

Weights (lb)

	W	132S	N210TC
SK672.1	53	141	57
SK32	88	163	101
SK772.1	93	168	105
SK42	143	196	179
SK872.1	192	244	196
SK873.1	196	248	201
SK52	207	260	212
SK972.1	278	330	283
SK973.1	282	344	287
SK63	328	381	333

** Optional NORD NEMA C-Face TEFC Motor (can be used with reducer with NEMA C-Face adaptor input)				Weight
Efficiency		Part Number		(LBS)
IE2	EE	SK132SH/4-213TC	-	² Voltage Code 97



Gearmotors & Speed Reducers

10 HP

60 Hz Motors | 38 RPM to 652 RPM



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		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)	Gear Ratio	2 Voltage Code (Gear Motors Only)	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	-W-	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	-132M- -132MH-	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	-132M- -132MH-	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

		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	1 Input Option (Choose One)	Gear Ratio	2 Voltage Code (Gear Motors Only)	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	-W-	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	-132M- -132MH-	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

1 Reducer Input Options

-W-	Solid Shaft Input Reducer
-N210TC-	NEMA C-Face Input Reducer (no motor). Optional motor: part # listed below. **
-132M-	Integral 4-Pole TEFC Standard Gear Motor
-132MH-	Integral 4-Pole TEFC Energy Efficient Gear Motor

2 Voltage Code

-1	230/460V, 60 Hz, 3 Ph
-2	575V, 60 Hz, 3 Ph
-3	208-230/460V, 60 Hz, 3 Ph
-4	400V, 50 Hz, 3 Ph (For more options, contact Viking Pump)

Weights (lb)

	W	132M	N210TC
SK672.1	53	165	57
SK32	88	187	101
SK772.1	93	192	105
SK42	143	221	179
SK872.1	192	268	196
SK873.1	196	272	201
SK52	207	284	212
SK972.1	278	354	283
SK973.1	282	344	287
SK63	328	406	364
SK73	551	584	525

** Optional NORD NEMA C-Face TEFC Motor (can be used with reducer with NEMA C-Face adaptor input)				Weight
Efficiency	Part Number			(LBS)
IE2	EE	SK132MH/4-215TC	-	2 Voltage Code
				121.3

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Gearmotors & Speed Reducers

15 HP

60 Hz Motors | 39 RPM to 586 RPM



		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	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	-W-	4.79	-1	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*	-160M- -160MH-	6.63	-3	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	-4	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

		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	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	SK62		18.14		98	20
95	1.4	SK872.1		18.67		95	19
90	1.6	SK52	-W-	19.6	-1	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	-160M- -160MH-	27.66	-3	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	-4	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).
Optional motor:
part # listed below. **
- 160M- Integral 4-Pole TEFC Standard Gear Motor
- 160MH- Integral 4-Pole TEFC Energy Efficient Gear Motor

² Voltage Code

- 1 230/460V, 60 Hz, 3 Ph
- 2 575V, 60 Hz, 3 Ph
- 3 208-230/460V, 60 Hz, 3 Ph
- 4 400V, 50 Hz, 3 Ph

(For more options, contact Viking Pump)

Weights (lb)

	W	160M	N250TC
SK772.1	93	232	N/A
SK42	143	260	201
SK872.1	192	308	227
SK52	207	324	265
SK972.1	278	394	314
SK973.1	282	384	318
SK63	328	445	386
SK72	529	602	531
SK73	551	624	553
SK82	935	842	827
SK83	787	860	844

** Optional NORD NEMA C-Face TEFC Motor (can be used with reducer with NEMA C-Face adaptor input)				Weight (LBS)
Efficiency	Part Number			
IE2	EE	SK160MH/4-254TCTW	-	² Voltage Code 160.9



Gearmotors & Speed Reducers

20 HP

60 Hz Motors | 39 RPM to 583 RPM



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		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
583	2.5	SK42	-W-	3.02	-1	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	-N250TC-	4.68	-2	377	75
367	2.5	SK42		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	-160L- -160LH-	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	-3	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	-4	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

		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
169	1.7	SK872.1	-W-	10.44	-1	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	-N250TC-	14.16	-2	125	25
111	2.4	SK62		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	-160L- -160LH-	18	-3	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	-4	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).
Optional motor:
part # listed below. **
- 160L- Integral 4-Pole TEFC Standard Gear Motor
- 160LH- Integral 4-Pole TEFC Energy Efficient Gear Motor

² Voltage Code

- 1 230/460V, 60 Hz, 3 Ph
 - 2 575V, 60 Hz, 3 Ph
 - 3 208-230/460V, 60 Hz, 3 Ph
 - 4 400V, 50 Hz, 3 Ph
- (For more options, contact Viking Pump)

Weights (lb)

	W	160L	N250TC
SK42	143	298	201
SK872.1	192	345	227
SK52	207	362	265
SK972.1	278	431	314
SK973.1	282	421	318
SK63	328	483	386
SK72	529	639	531
SK73	551	662	553
SK82	935	880	827
SK83	787	897	844

** Optional NORD NEMA C-Face TEFC Motor (can be used with reducer with NEMA C-Face adaptor input)				Weight
Efficiency		Part Number		(LBS)
IE2	EE	SK160LH/4-256TCTW	- ² Voltage Code	198.4

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Gearmotors & Speed Reducers

25 HP

60 Hz Motors | 40 RPM to 633 RPM



		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
633	3.2	SK52		2.78		633	127
583	2	SK42*		3.02		583	117
550	2.6	SK872.1**		3.18		550	110
548	1.9	SK42*		3.21		548	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
503	1.9	SK42*		3.5		503	101
480	2.8	SK52		3.67		480	96
474	2.3	SK872.1**		3.69		474	95
468	4.8	SK972.1	-W-	3.74	-1	468	94
452	1.8	SK42*		3.89		452	90
434	2.2	SK872.1**		4.03		434	87
431	2.7	SK52		4.08		431	86
384	4.3	SK972.1	-N280TC-	4.56	-2	384	77
382	2.6	SK52		4.61		382	76
374	2.3	SK872.1**		4.68		374	75
367	2	SK42*		4.79		367	73
346	2.7	SK52	-180MX- -180MH-	5.08	-3	346	69
345	1.9	SK42*		5.1		345	69
333	3.7	SK972.1		5.25		333	67
329	1.5	SK42*		5.35		329	66
318	2.1	SK872.1**		5.5	-4	318	64
314	2.1	SK52		5.6		314	63
309	2	SK872.1**		5.66		309	62
306	1.9	SK42*		5.75		306	61
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
265	1.7	SK42*		6.65		265	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

		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	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	-W-	13.45	-1	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	-N280TC-	14.33	-2	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	-180MX- -180MH-	17.37	-3	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	-4	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

* SK42 is only available with solid input shaft - W- for this HP

** 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)
-180MX-	Integral 4-Pole TEFC Standard Gear Motor
-180MH-	Integral 4-Pole TEFC Energy Efficient Gear Motor

² Voltage Code

-1	230/460V, 60 Hz, 3 Ph
-2	575V, 60 Hz, 3 Ph
-3	208-230/460V, 60 Hz, 3 Ph
-4	400V, 50 Hz, 3 Ph

(For more options, contact Viking Pump)

Weights (lb)

	W	180M	N280TC
SK42	143	N/A	N/A
SK872.1	192	398	N/A
SK52	207	415	285
SK972.1	278	484	336
SK973.1	282	474	340
SK63	328	536	386
SK72	529	692	583
SK73	551	714	608
SK83	787	950	844
SK93	1182	1345	1270



Gearmotors & Speed Reducers

30 HP

60 Hz Motors | 40 RPM to 635 RPM



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		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
635	2.6	SK52		2.78		635	127
584	1.7	SK42*		3.02		584	117
552	2.2	SK872.1**		3.18		552	110
550	1.6	SK42*		3.21		550	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
504	1.6	SK42*		3.5		504	101
481	2.4	SK52		3.67		481	96
476	2	SK872.1**		3.69		476	95
469	4	SK972.1		3.74		469	94
454	1.5	SK42*	-W-	3.89	-1	454	91
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	-N280TC-	4.56	-2	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	-180LX- -180LH-	5.08	-3	347	69
346	1.6	SK42*		5.1		346	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	-4	315	63
310	1.7	SK872.1**		5.66		310	62
307	1.6	SK42*		5.75		307	61
305	2	SK52		5.79		305	61
290	2	SK52		6.09		290	58
285	1.4	SK42*		6.19		285	57
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
265	1.4	SK42*		6.65		265	53
263	2.8	SK972.1		6.68		263	53

		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
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	-W-	11.59	-1	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	-N280TC-	13.92	-2	127	25
124	1.5	SK972.1		14.16		124	25
123	2.3	SK72		14.33		123	25
112	1.6	SK63		15.8		112	22
111	1.4	SK972.1	-180LX- -180LH-	15.84	-3	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	-4	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

* SK42 is only available with solid input shaft - W- for this HP

** 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).
-180LX-	Integral 4-Pole TEFC Standard Gear Motor
-180LH-	Integral 4-Pole TEFC Energy Efficient Gear Motor

² Voltage Code

-1	230/460V, 60 Hz, 3 Ph
-2	575V, 60 Hz, 3 Ph
-3	208-230/460V, 60 Hz, 3 Ph
-4	400V, 50 Hz, 3 Ph

(For more options, contact Viking Pump)

Weights (lb)

	W	180L	N280TC
SK42	143	N/A	N/A
SK872.1	192	398	N/A
SK52	207	415	285
SK972.1	278	484	336
SK973.1	282	474	340
SK63	328	536	386
SK72	529	692	583
SK73	551	692	608
SK83	787	950	844
SK93	1182	1345	1270

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Gearmotors & Speed Reducers

40 HP

60 Hz Motors | 40 RPM to 640 RPM



		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
640	2	SK52*	-W-	2.78	-1	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*	-N320TC-	5.08	-2	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*	-200L-	5.79	-3	307	61
292	1.5	SK52*		6.09		292	58
288	2.1	SK972.1**	-200LH-	6.17	-4	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

		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
217	3.6	SK72	-W-	8.19	-1	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	-N320TC-	16.56	-2	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	-200L-	21.04	-3	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	-200LH-	39.08	-4	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)
-200L-	Integral 4-Pole TEFC Standard Gear Motor
-200LH-	Integral 4-Pole TEFC Energy Efficient Gear Motor

² Voltage Code

-1	230/460V, 60 Hz, 3 Ph
-2	575V, 60 Hz, 3 Ph
-3	208-230/460V, 60 Hz, 3 Ph
-4	400V, 50 Hz, 3 Ph

(For more options, contact Viking Pump)

Weights (lb)

	W	200L	N320TC
SK52	207	N/A	N/A
SK972.1	278	641	N/A
SK62	377	697	465
SK72	529	849	617
SK82	935	1089	891
SK83	787	1107	908
SK93	1182	1502	1303
SK103	1830	1985	1887



Gearmotors & Speed Reducers

50 HP

60 Hz Motors | 39 RPM to 635 RPM



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		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
635	1.6	SK52*	-W-	2.78	-1	635	127
594	3.3	SK62		2.97		594	119
546	1.5	SK52*		3.23		546	109
535	3	SK62		3.3		535	107
530	2.5	SK972.1**		3.33		530	106
519	1.5	SK52*		3.4		519	104
481	1.4	SK52*		3.67		481	96
474	2.7	SK62		3.72		474	95
472	2.4	SK972.1**		3.74		472	94
451	2.5	SK62		3.91		451	90
436	2.3	SK62	-N320TC-	4.05	-2	436	87
433	1.4	SK52*		4.08		433	87
387	2.2	SK972.1**	-225S- -225SH-	4.56		387	77
387	2.3	SK62		4.56		387	77
347	1.3	SK52*		5.08		347	69
336	1.9	SK972.1**		5.25		336	67
334	1.8	SK62		5.29		334	67
315	2.5	SK72		5.6		315	63
286	1.7	SK972.1**		6.17		286	57
278	1.5	SK62		6.35		278	56
275	2.1	SK72		6.42		275	55
264	1.7	SK972.1**		6.68		264	53
254	3.1	SK72	-4	6.95		254	51
245	1.6	SK972.1**		7.19		245	49
233	2	SK62		7.56		233	47
216	2.8	SK72		8.19		216	43
209	1.4	SK972.1**		8.45		209	42

		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
201	1.7	SK62	-W-	8.78	-1	201	40
187	2.5	SK72		9.46		187	37
171	3.3	SK82		10.33		171	34
167	1.5	SK62		10.55		167	33
163	2.1	SK72		10.84		163	33
152	1.3	SK62		11.59		152	30
149	3	SK82		11.84		149	30
141	1.6	SK72		12.52		141	28
124	2.3	SK82		14.29		124	25
123	1.4	SK72		14.33		123	25
107	2	SK82	-N320TC-	16.56	-2	107	21
98	1.4	SK73		18		98	20
92	3.2	SK93		19.12		92	18
84	1.9	SK83		21.04		84	17
83	4.7	SK103		21.19		83	17
77	2.6	SK93		22.97		77	15
72	1.6	SK83		24.42		72	14
70	3.9	SK103		25.3		70	14
65	2.2	SK93		27.05		65	13
63	1.4	SK83		28.03		63	13
60	3.3	SK103	-225S- -225SH-	29.62	-4	60	12
56	1.9	SK93		31.25		56	11
54	1.3	SK83		32.52		54	11
47	2.6	SK103		37.9		47	9
45	1.5	SK93		39.54		45	9
39	2.2	SK103		45.25		39	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).
-225S-	Integral 4-Pole TEFC Standard Gear Motor
-225SH-	Integral 4-Pole TEFC Energy Efficient Gear Motor

² Voltage Code

-1	230/460V, 60 Hz, 3 Ph
-2	575V, 60 Hz, 3 Ph
-4	400V, 50 Hz, 3 Ph

(For more options, contact Viking Pump)

Weights (lb)

	W	225S	N320TC
SK52	207	N/A	N/A
SK972.1	278	713	N/A
SK62	377	770	465
SK72	529	922	617
SK82	935	1162	891
SK83	787	1180	908
SK93	1182	1574	1303
SK103	1830	2057	1887

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Gearmotors & Speed Reducers

60 HP

60 Hz Motors | 39 RPM to 596 RPM



		Part Number					
		SKxxx	-xx-	x.xx	-x		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
596	2.7	SK62	-W-	2.97	-1	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	-N360TC-	6.19	-2	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		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		9.46		187	37
171	2.8	SK82		10.33		171	34
163	1.8	SK72	-225M- -225MH	10.84	-4	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

- W- Solid Shaft Input Reducer
- N360TC- NEMA C-Face Input Reducer (no motor).
- 225M- Integral 4-Pole TEFC Standard Gear Motor
- 225MH- Integral 4-Pole TEFC Energy Efficient Gear Motor

² Voltage Code

- 1 230/460V, 60 Hz, 3 Ph
- 2 575V, 60 Hz, 3 Ph
- 4 400V, 50 Hz, 3 Ph
(For more options, contact Viking Pump)

Weights (lb)

	W	225M	N360TC
SK62	377	842	498
SK72	529	994	650
SK82	935	1235	1012
SK92	787	1623	1400
SK93	1182	1647	1424
SK103	1830	2130	2083



Gearmotors & Speed Reducers

75 HP

60 Hz Motors | 39 RPM to 617 RPM



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		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
617	3.6	SK82	-W-	2.89	-1	617	123
492	3.6	SK82		3.62		492	98
402	3.3	SK82		4.43		402	80
337	3	SK82		5.29		337	67
288	2.3	SK82		6.19		288	58
241	2.8	SK82	-N360TC-	7.39	-2	241	48
202	2.5	SK82		8.82		202	40
173	2.2	SK82		10.33		173	35
151	2	SK82		11.84		151	30
144	2.9	SK92		12.39		144	29
125	1.5	SK82	-250M- -250MH	14.29	-4	125	25
124	2.5	SK92		14.36		124	25
108	2.1	SK92		16.47		108	22
93	2.1	SK93		19.12		93	19
84	3.1	SK103		21.19		84	17
78	1.8	SK93		22.97		78	16
70	2.6	SK103		25.3		70	14
66	1.5	SK93		27.05		66	13
60	2.3	SK103		29.62		60	12
57	1.3	SK93		31.25		57	11
47	1.8	SK103		37.9		47	9
39	1.5	SK103		45.25		39	8

¹ Reducer Input Options

-W-	Solid Shaft Input Reducer
-N360TC-	NEMA C-Face Input Reducer (no motor)
-250M-	Integral 4-Pole TEFC Standard Gear Motor
-250MH-	Integral 4-Pole TEFC Energy Efficient Gear Motor

² Voltage Code

-1	230/460V, 60 Hz, 3 Ph
-2	575V, 60 Hz, 3 Ph
-4	400V, 50 Hz, 3 Ph
(For more options, contact Viking Pump)	

Weights (lb)

	W	250M	N360TC
SK82	935	1641	1012
SK92	787	2029	1400
SK93	1182	2053	1424
SK103	1830	2536	2083

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Gearmotors & Speed Reducers

100 HP

60 Hz Motors | 47 RPM to 619 RPM



		Part Number					
		SKxxx	-xx-	x.xx	-x		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
619	2.7	SK82	-W-	2.89	-1	619	124
494	2.7	SK82		3.62		494	99
404	2.5	SK82		4.43		404	81
342	5.1	SK102		5.23		342	68
338	2.3	SK82		5.29		338	68
315	3.2	SK92		5.68		315	63
289	1.7	SK82		6.19		289	58
287	4.6	SK102		6.24		287	57
267	2.9	SK92		6.7		267	53
242	2.1	SK82		7.39		242	48
238	3.8	SK102	-280S- -280SH-	7.5	-2	238	48
230	2	SK92		7.78		230	46
203	1.9	SK82		8.82		203	41
180	3.8	SK102		9.96		180	36
173	1.7	SK82		10.33		173	35
170	2.4	SK92		10.5		170	34
151	3.3	SK102		11.88		151	30
144	2.1	SK92		12.39		144	29
125	2.9	SK102		14.29	-4	125	25
109	1.6	SK92		16.47		109	22
108	2.6	SK102		16.63		108	22
94	1.6	SK93		19.12		94	19
92	2.2	SK102		19.37		92	18
84	2.4	SK103		21.19		84	17
78	1.3	SK93		22.97		78	16
71	2	SK103		25.3		71	14
60	1.7	SK103		29.62		60	12
47	1.3	SK103		37.9		47	9

¹ Reducer Input Options

- W- Solid Shaft Input Reducer
- 280S- Integral 4-Pole TEFC Standard Gear Motor
- 280SH- Integral 4-Pole TEFC Energy Efficient Gear Motor

² Voltage Code

- 1 230/460V, 60 Hz, 3 Ph
 - 2 575V, 60 Hz, 3 Ph
 - 4 400V, 50 Hz, 3 Ph
- (For more options, contact Viking Pump)

Weights (lb)

	W	280S
SK82	935	2026
SK92	787	2414
SK93	1182	2439
SK102	1810	2902
SK103	1830	2922



Gearmotors & Speed Reducers

125 HP

60 Hz Motors | 60 RPM to 509 RPM



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		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
509	3.2	SK92	-W-	3.51	-1	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	-280M- -280MH-	12.39	-2	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	-4	84	17
71	1.6	SK103		25.3		71	14
60	1.4	SK103		29.62		60	12

¹ Reducer Input Options

- W- Solid Shaft Input Reducer
- 280M- Integral 4-Pole TEFC Standard Gear Motor
- 280MH- Integral 4-Pole TEFC Energy Efficient Gear Motor

² Voltage Code

- 1 230/460V, 60 Hz, 3 Ph
 - 2 575V, 60 Hz, 3 Ph
 - 4 400V, 50 Hz, 3 Ph
- (For more options, contact Viking Pump)

Weights (lb)

	W	280M
SK92	787	2525
SK102	1810	3012
SK103	1830	3032

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Gearmotors & Speed Reducers

150 HP

60 Hz Motors | 71 RPM to 509 RPM



		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
509	2.7	SK92	-W-	3.51	-1	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	-315S- -315SH-	7.5	-2	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	-4	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

- W- Solid Shaft Input Reducer
- 315S- Integral 4-Pole TEFC Standard Gear Motor
- 315SH- Integral 4-Pole TEFC Energy Efficient Gear Motor

² Voltage Code

- 1 230/460V, 60 Hz, 3 Ph
- 2 575V, 60 Hz, 3 Ph
- 4 400V, 50 Hz, 3 Ph
(For more options, contact Viking Pump)

Weights (lb)

	W	315S
SK92	787	2900
SK102	1810	3387
SK103	1830	3407



Gearmotors & Speed Reducers

175 HP

60 Hz Motors | 108 RPM to 510 RPM



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		Part Number					
		SKxxx	-XX -	X.XX	-X		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
510	2.3	SK92	-W-	3.51	-1	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	-315M- -315MH-	6.7	-2	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	-4	125	25
108	1.5	SK102		16.63		108	22

¹ Reducer Input Options

- W- Solid Shaft Input Reducer
- 315M- Integral 4-Pole TEFC Standard Gear Motor
- 315MH- Integral 4-Pole TEFC Energy Efficient Gear Motor

² Voltage Code

- 1 230/460V, 60 Hz, 3 Ph
 - 2 575V, 60 Hz, 3 Ph
 - 4 400V, 50 Hz, 3 Ph
- (For more options, contact Viking Pump)

Weights (lb)

	W	315M
SK92	787	3076
SK102	1810	3563

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Gearmotors & Speed Reducers 200 HP

60 Hz Motors | 108 RPM to 510 RPM



		Part Number					
		SKxxx	-xx-	x.xx	-x		
4-Pole 1750 RPM		1	2	3	4	5:1 Inverter Duty (Constant Torque)	
Output Speed (rpm)	Service Factor	Reducer Model #	¹ Input Option (Choose One)	Gear Ratio	² Voltage Code (Gear Motors Only)	60Hz (rpm)	12Hz (rpm)
510	2	SK92	-W-	3.51	-1	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	-315MA-	6.24	-2	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	-4	151	30
125	1.5	SK102		14.29		125	25
108	1.3	SK102		16.63		108	22

¹ Reducer Input Options

- W- Solid Shaft Input Reducer
- 315MA- Integral 4-Pole TEFC Standard Gear Motor

² Voltage Code

- 1 230/460V, 60 Hz, 3 Ph
 - 2 575V, 60 Hz, 3 Ph
 - 4 400V, 50 Hz, 3 Ph
- (For more options, contact Viking Pump)

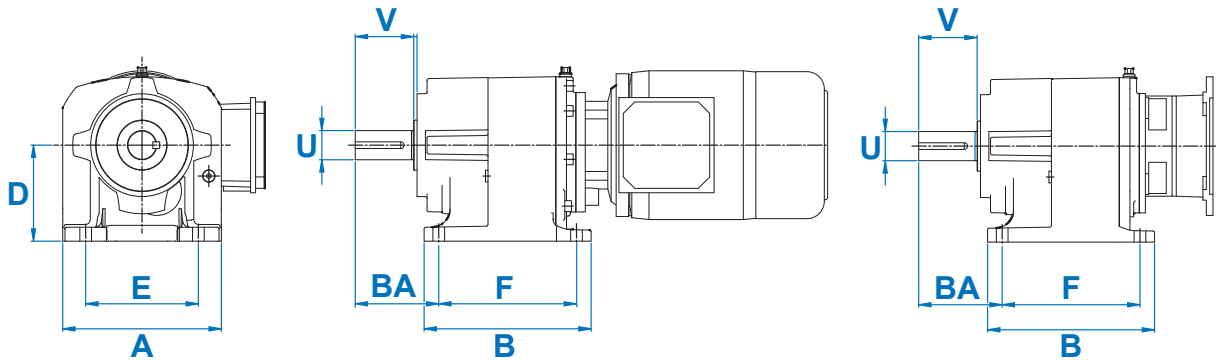
Weights (lb)

	W	315MA
SK92	787	3407
SK102	1810	3894



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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
	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
	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
	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
	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
	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
	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 12	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 22	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 32	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