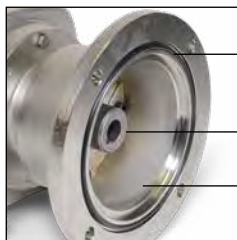


SS2000 Series Helical Inline Gear Drives **B1**



Laser marked nameplate provides worry-free part identification while maintaining a smooth, unetched surface



Integrated o-rings

3-Jaw Coupling

NEMA or IEC C-Face motor input with 3-Jaw coupling



Larger shaft diameters available

303 Stainless Steel Shaft

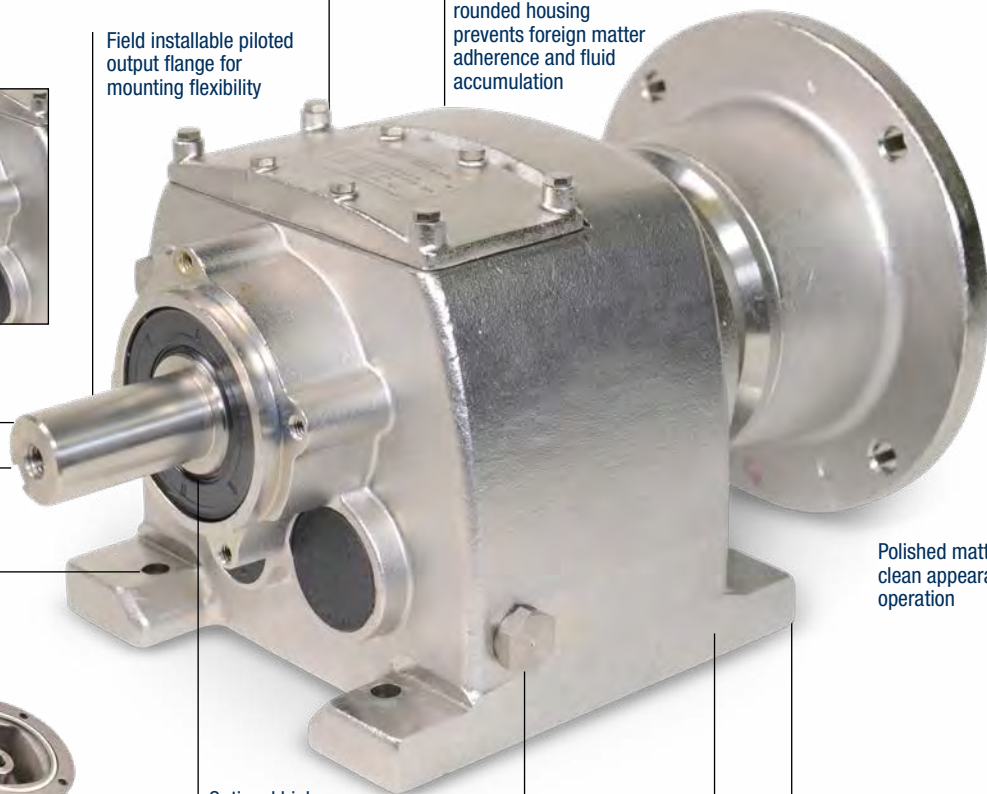
H1 Food grade Klubersynth UH1 6-460 maximizes torque capacity and efficiency



Unique **Mounting Registers** allow for quick precision alignment

The **Original Domed Crown™** unique rounded housing prevents foreign matter adherence and fluid accumulation

Field installable piloted output flange for mounting flexibility



Stainless Steel Exterior
316 Castings
303/304 Machined Components

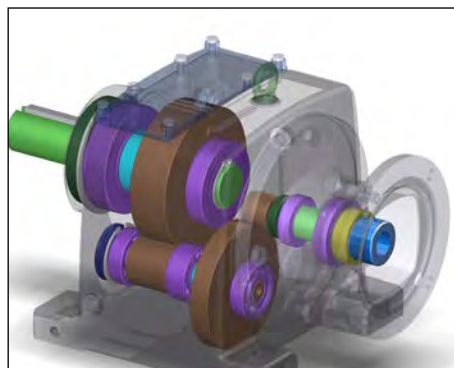
Polished matte finish maintains clean appearance throughout operation

Optional high pressure washdown seal available*

Large diameter oil fill/drain holes for faster oil change

NEMA or IEC C-Face motor input with 3-Jaw coupling

Rare-Earth Magnets near gear mesh provide automatic entrapment of wear debris ensuring longer life



Energy Efficient Design

With efficiency of 98% per gear mesh, Series 2000 Inline Helical Gear Drives and Gear Motors are ideal for use in applications with:

- continuous or high duty cycle operations
- high-ratio reduction
- limited access applications where long life is a necessity

Ordering Information

Example: SSRF2053F-65KC-B7-S2-D22-HUTFSS-9

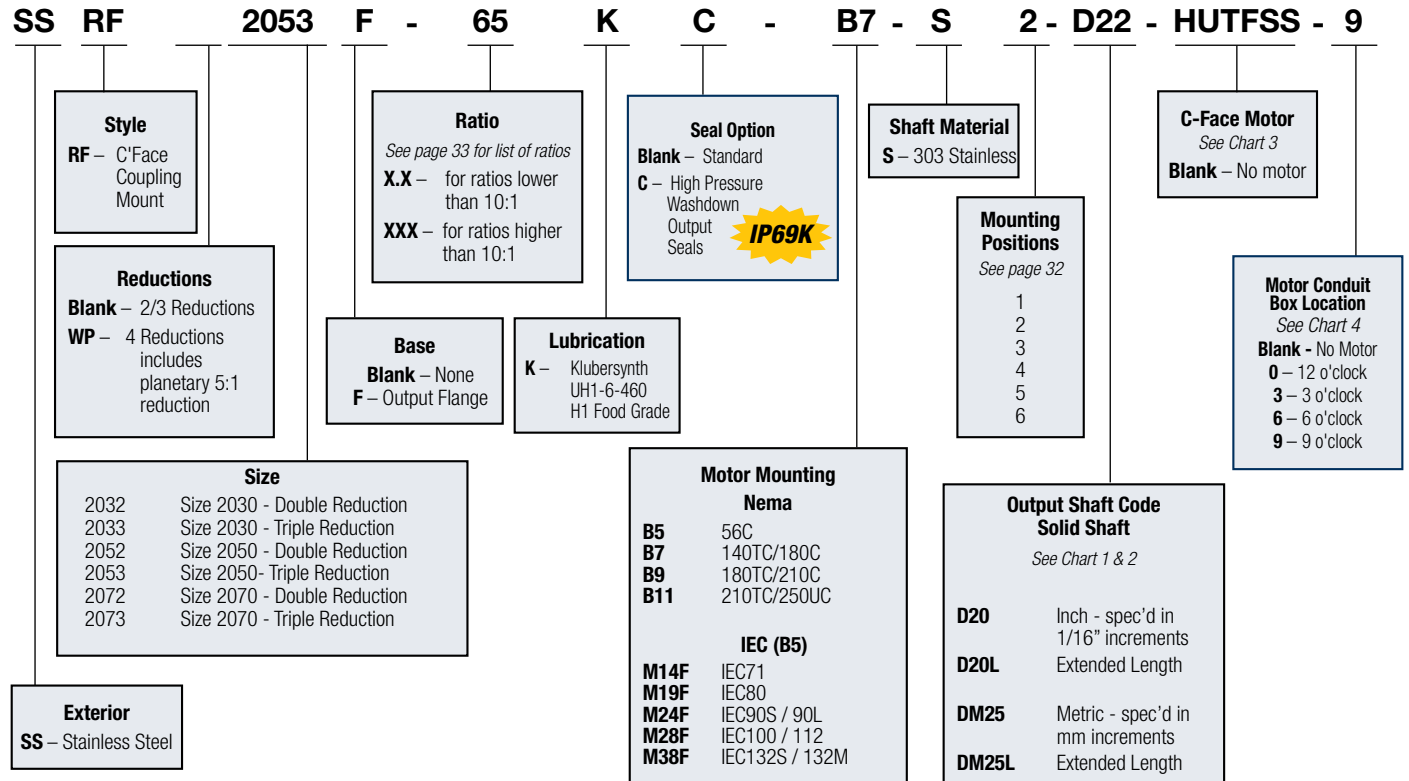


Chart 1: Solid Output Shaft Codes – Inch Sizes

Nominal Diameter	Output Shaft Code	2032/2033	2052/2053	2072/2073	Decimal Size	Key Size
1	D16	S			1.0000	.25x.25x1.31
1-1/8	D18	•			1.1250	.25x.25x1.64
1-3/16	D19	•			1.1875	.25x.25x1.65
1-1/4	D20	S	S		1.2500	.25x.25x1.66
1-3/8	D22		S		1.3750	.31x.31x1.81
1-7/16	D23		•		1.4375	.38x.38x2.00
1-1/2	D24		•		1.5000	.38x.38x2.00
1-5/8	D26		S	S	1.6250	.38x.38x2.25
1-3/4	D28			S	1.7500	.38x.38x2.75
1-15/16	D31			•	1.9375	.50x.50x2.00
2	D32			S	2.0000	.50x.50x2.62

S = Standard • = Optional

Additional shaft diameter sizes available upon request.

Output shaft key is provided with gear drive.

Customer's driven shaft requires standard width and depth keyway.

Chart 2: Solid Output Shaft Codes – Metric Sizes

Nominal Diameter (mm)	Output Shaft Code	2032/2033	2052/2053	2072/2073	Decimal Size	Key Size
25	DM25	S			25.00	8x7x40
30	DM30	S	S		30.00	8x7x50
35	DM35		S		35.00	10x8x56
40	DM40		S	S	40.00	12x8x70
50	DM50			S	50.00	14x9x80

Additional shaft diameter sizes available upon request.

Chart 3: Stainless Steel AC Motors

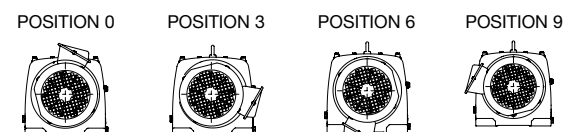
Part #	HP	Type	Frame Size
EUT-SS	0.33	TENV	56C
FUT-SS	0.5	TENV	56C
NEW FUTF-SS	0.5	TEFC	56C
NEW FYTF-SS	0.5	TEFC	56C
GUT-SS	0.75	TENV	56C
HUT5/8-SS	1.0	TENV	56C
HUTF5/8-SS	1.0	TEFC	56C
NEW HYTF5/8-SS	1.0	TEFC	56C
HUT-SS	1.0	TENV	140TC
HUTF-SS	1.0	TEFC	140TC
JUTF-SS	1.5	TEFC	140TC
KUTF-SS	2.0	TEFC	140TC
LUTF-SS	3.0	TEFC	180TC
MUTF-SS	5.0	TEFC	180TC
NUTF-SS	7.5	TEFC	210TC
PUTF-SS	10.0	TEFC	210TC

All above motors are 230/460V except FYTF-SS and HYTF5/8-SS which are 575V

TENV = Totally enclosed, non-ventilated

TEFC = Totally enclosed, fan-cooled

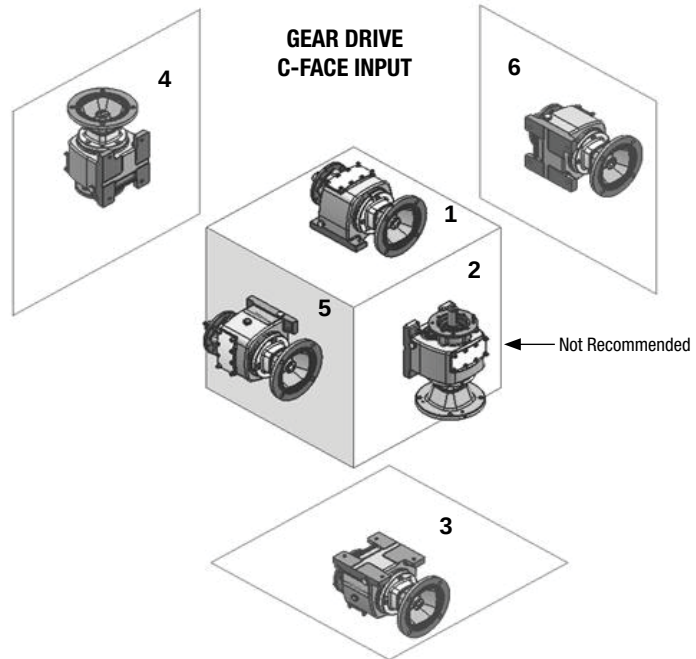
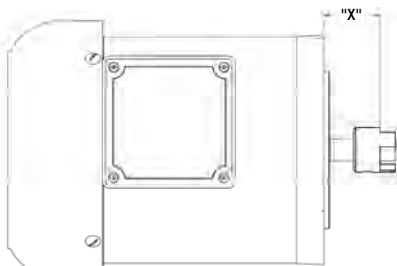
Chart 4: Conduit Box Locations



Motor Installation Mounting Positions & Lubrication

Coupling Location for Motor Installation

Motor Frame		"X"
B5	56TC	1.600 ± 0.020
B7	140TC	1.485 ± 0.020
B9	180TC	2.090 ± 0.020
B11	210TC	2.620 ± 0.020
B13	250TC	3.120 ± 0.020



Lubrication

Klubersynth UH1 6-460 is recommended for the SS2000 Series gear drives for optimum performance. Normal full-load operating temperatures range between 130°F -150°F. During initial break-in of the gear drive, higher than normal operating temperatures may result. All gear drives are supplied with UH1 6-460 synthetic oil (unless specified otherwise) with quantity listed below for standard mounting position 1 or to mounting specified at time of order. These gear drives are designed with internal features to

reduce the impact of metallic wear debris, which should increase maintenance intervals. Relubrication is recommended for 10,000 hours or more frequently when operating in highly contaminated environments. Satisfactory performance may be obtained in some applications with non-synthetic oils, but will require more frequent oil changes. Recommendations are based on input speed of 1800 RPM nominal. For higher input speeds, consult factory.

RECOMMENDED LUBRICANT	Reducer Designation	Ambient (Room) Temperature	ISO Viscosity Grade No.	Viscosity Range SUS @ 100F	Part Number (Quart)	Comments
Klubersynth UH1 6-460 Synthetic	K	-20°F to +225°F (-29°C to 107°C)	460	1950/2500	65159	H1 Food-Grade

Notes: Upper temperature limit is dictated by reducer components and not the oil.

	Mounting Position					
	1	2	3	4	5	6
Plug A	Opt. Vent	Opt. Vent	Oil Drain	Oil Drain	Oil-Fill	—
Plug B	—	Oil-Fill	Oil-Fill	—	Oil Drain	Oil-Fill
Plug C	Oil-Fill	—	—	—	Opt. Vent	Oil Drain
Plug D	Oil Drain	Oil Drain	Opt. Vent	Oil-Fill	Opt. Vent	Oil Drain

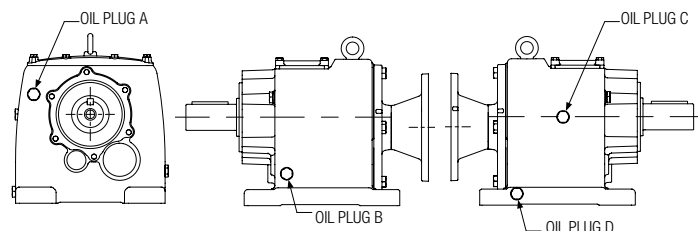
Notes:

- Oil-Fill** Plugged from factory. Port used during regular maintenance intervals for Oil-Fill. Defines approximate oil-level during operation.
 - Opt. Vent** Plugged from factory. A 5psi pressure vent plug is supplied uninstalled with each product. Defines optional location for installation of that pressure vent.
 - Oil Drain** Plugged from factory. Port used during regular maintenance intervals for draining used oil. Re-plug prior to oil-fill.
 - Position 2*** Not preferred and not recommended as a Mounting Position
 - Position 4*** Consult factory for venting options.
 - Position 6*** Consult factory for venting options.
- All products supplied from factory lubed for Position 1 unless specified otherwise

Lube Capacity in Quarts

	Mounting Position					
	1	2	3	4	5	6
2032/2033	0.5	1.25	1.13	1.2	0.79	1.2
2052/2053	0.88	1.75	2.25	2.63	2.25	2.25
2072/2073	2.1	4.12	2.51	5.1	2.51	2.51

Oil Plug and Vent Plug Location Details



B1 SS2000 Series Helical Inline Gear Drives

Ratios and Performance

2 and 3 Reductions

■ Standard ○ Optional

Model No.	Output Speed (RPM)	Actual Ratio	Ratio used in Part No.	Input Power (HP)	Output Torque Rating (lb-in)	NEMA C-Face Input				IEC C-Face Input				
						B5	B7	B9	B11	M14F	M19F	M24F	M28F	M38F
SSRF2032 (2 Reductions)	590	2.97	3.0*	10.6	1,080	■	■	○		■	■	○		
	513	3.41	3.4*	8.7	1,020	■	■	○		■	■	○		
	429	4.05	4.1*	7.7	1,090	■	■	○		■	■	○		
	407	4.32	4.3*	7.5	1,110	■	■	○		■	■	○		
	346	5.06	5.1*	6.9	1,220	■	■	○		■	■	○		
	309	5.67	5.7*	6.5	1,270	■	■	○		■	■	○		
	258	6.67	6.8	5.3	1,230	■	■	○		■	■	○		
	219	7.97	8.0	5.2	1,420	■	■	○		■	■	○		
	183	9.47	9.5	4.6	1,520	■	■	○		■	■	○		
	174	10.11	10	4.5	1,560	■	■	○		■	■	○		
	148	11.83	12	4.1	1,660	■	■	○		■	■	○		
	132	13.25	13	3.8	1,730	■	■	○		■	■	○		
	110	15.60	16	3.4	1,840	■	■	○		■	■	○		
	97	18.05	18	2.9	1,830	■	■			■	■			
	91	19.31	19	2.8	1,870	■	■			■	■			
	79	22.27	22	2.4	1,830	■	■			■	■			
	67	26.03	26	2.0	1,760	■	■			■	■			
	62	28.32	28	1.8	1,780	■	■			■	■			
SSRF2033 (3 Reductions)	73	24.13	24	2.2	1,840	■	■			■	■			
	61	28.73	29	1.9	1,860	■	■			■	■			
	54	32.40	32	1.7	1,860	■	■			■	■			
	48	36.72	37	1.5	1,860	■	■			■	■			
	45	39.17	39	1.4	1,860	■	■			■	■			
	39	44.81	45	1.2	1,860	■	■			■	■			
	36	48.08	48	1.1	1,860	■	■			■	■			
	31	55.76	56	1.0	1,860	■				■				
	29	61.18	61	0.90	1,860	■				■				
	25	69.33	69	0.79	1,860	■				■				
	24	73.96	74	0.74	1,860	■				■				
	21	84.61	85	0.65	1,860	■				■				
	19	90.77	91	0.60	1,860	■				■				
	17	105.28	105	0.52	1,860	■				■				
	14	123.66	124	0.44	1,860	■				■				
	13	134.82	135	0.41	1,860	■				■				
SSRF2052 (2 Reductions)	542	3.23	3.2	20	2,240	○	○	■	■	○	○	■	■	○
	472	3.71	3.7	18.5	2,370	○	○	■	■	○	○	■	■	○
	399	4.39	4.4	16.8	2,550	○	○	■	■	○	○	■	■	○
	347	5.05	5.0	15.9	2,780	○	○	■	■	○	○	■	■	○
	300	5.82	5.8	14.5	2,930	○	○	■	■	○	○	■	■	
	273	6.41	6.4*	13.7	3,030	■	■	■	■	■	■	■	■	
	234	7.49	7.5*	12.3	3,180	■	■	■	■	■	■	■	■	
	223	7.84	7.8*	11.7	3,180	■	■	■	■	■	■	■	■	
	193	9.06	9.1*	10.4	3,260	■	■	■	■	■	■	■	■	
	187	9.35	9.4	10.5	3,390	■	■	■	■	■	■	■	■	
	162	10.79	11	9.5	3,540	■	■	■	■	■	■	■	■	
	147	11.88	12*	8.9	3,670	■	■	■	■	■	■	■	■	
	126	13.88	14*	8.1	3,890	■	■	■	■	■	■	■	■	
	120	14.53	15*	7.8	3,930	■	■	■	■	■	■	■	■	
	104	16.79	17*	7.1	4,130	■	■	■	■	■	■	■	■	
	94	18.60	19*	6.4	4,130	■	■	■	■	■	■	■	■	
	80	21.93	22	5.3	3,980	■	■	■	■	■	■	■	■	
	71	24.70	25	4.7	4,060	■	■	■	■	■	■	■	■	
	67	26.31	26	4.5	4,070	■	■	■	■	■	■	■	■	
SSRF2053 (3 Reductions)	65	26.97	27	4.5	4,090	○	○	■		○	○	■		
	58	30.18	30	4.1	4,150	■	■	■		■	■	■		
	49	35.36	35	3.5	4,190	■	■	■		■	■	■		
	47	37.14	37	3.2	4,050	■	■	■		■	■	■		
	40	43.30	43	2.8	4,100	■	■			■	■			
	36	48.23	48	2.5	4,100	■	■			■	■			
	32	54.01	54	2.2	4,090	■	■			■	■			
	31	57.29	57	2.1	4,080	■	■			■	■			
	27	64.85	65	1.8	3,990	■	■			■	■			
	25	69.23	69	1.7	3,940	■	■			■	■			
	22	80.55	81	1.5	4,190	■	■			■	■			
	20	89.71	90	1.4	4,150	■	■			■	■			
	17	100.46	100	1.2	4,220	■	■			■	■			
	16	106.58	107	1.1	4,130	■	■			■	■			
	15	120.63	121	1.0	4,160	■				■				
	14	128.77	129	0.95	4,120	■				■				
	12	147.92	148	0.84	4,210	■				■				
	10	172.17	172	0.71	4,170	■				■				
	9	186.89	187	0.66	4,190	■				■				

Ratings shown reflect maximum gear capacity based on AGMA standards (service factor = 1.0) with Klubersynth UH1-6-460.

For input speeds above 1750 RPM, Do not exceed maximum listed input horsepower.

* Depending on the input option chosen, reducer ratios denoted with * may have an overall capacity lower than the values shown (values represent gear capacity). Contact factory for details

■ Standard ○ Optional

2 and 3 Reductions

Ratios and Performance

Model No.	Output Speed (RPM)	Actual Ratio	Ratio used in Part No.	Input Power (HP)	Output Torque Rating (lb-in)	NEMA C-Face Input					IEC C-Face Input					
						B5	B7	B9	B11	B13	M14F	M19F	M24F	M28F	M38F	M42F
SSRF2072 (2 Reductions)	407	4.29	4.3*	30	4,430			■	■	○			■	■	○	○
	361	4.84	4.8*	27	4,500			■	■	○			■	■	○	○
	329	5.31	5.3	25	4,640			■	■	○			■	■	○	○
	292	5.99	6.0	24	4,920			■	■	○			■	■	○	○
	258	6.79	6.8	22	5,280			■	■	○			■	■	○	○
	226	7.74	7.7	21	5,530			■	■	○			■	■	○	○
	207	8.45	8.5*	18.5	5,420			■	■	○			■	■	○	○
	182	9.64	9.6	17.2	5,730			■	■	○			■	■	○	○
	161	10.88	11	16.1	6,040			■	■	○			■	■	○	○
	142	12.33	12	14.8	6,310			■	■				■	■		
	125	14.05	14	13.5	6,580			■	■				■	■		
	114	15.34	15*	12.6	6,670	■	■	■	■		■	■	■	■		
	99	17.73	18*	11.6	7,110	■	■	■	■		■	■	■	■		
	95	18.51	19*	10.9	6,970	■	■	■	■		■	■	■	■		
	83	21.21	21*	10.1	7,380	■	■	■	■		■	■	■	■		
SSRF2073 (3 Reductions)	75	23.37	23*	9.2	7,440	■	■	■	■		■	■	■	■		
	69	25.23	25	8.2	7,050	○	○	■	■		○	○	■	■		
	60	29.00	29	7.5	7,410	○	○	■			○	○	■			
	52	33.47	33	6.6	7,450	○	○	■			○	○	■			
	48	36.83	37	6.0	7,500	■	■	■			■	■	■			
	41	43.03	43	5.0	7,340	■	■	■			■	■	■			
	39	45.06	45	4.7	7,250	■	■	■			■	■	■			
	34	52.07	52	4.2	7,390	■	■	■			■	■	■			
	30	57.68	58	3.8	7,370	■	■	■			■	■	■			
	27	65.77	66	3.3	7,470	■	■	■			■	■	■			
	23	76.82	77	2.9	7,630	■	■				■	■				
	22	80.46	80	2.7	7,240	■	■				■	■				
	19	92.97	93	2.4	7,480	■	■				■	■				
	17	102.99	103	2.1	7,330	■	■				■	■				
	14	121.42	121	1.8	7,480	■	■				■	■				
	13	136.78	137	1.7	7,740	■	■				■	■				
	12	145.67	146	1.5	7,570	■	■				■	■				
	11	166.59	167	1.3	7,590	■					■	■				
	9	193.10	193	1.2	7,560	■					■	■				

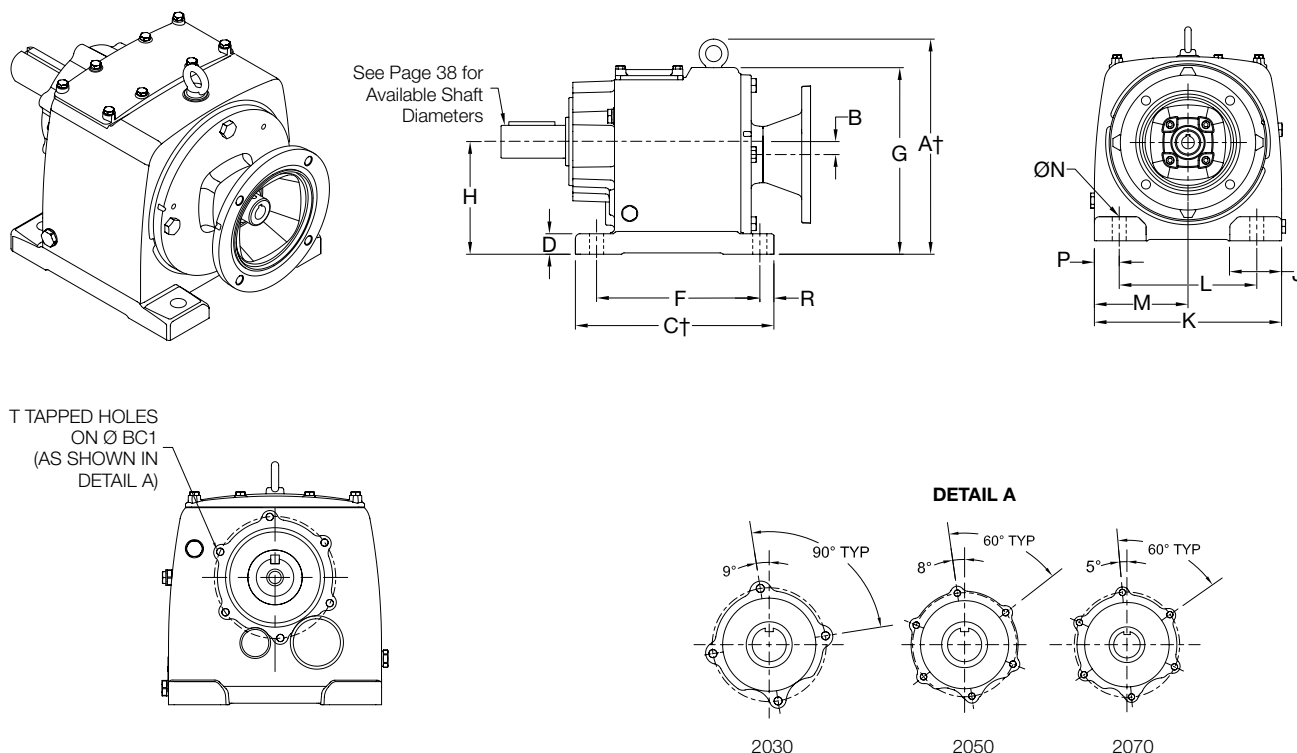
Ratings shown reflect maximum gear capacity based on AGMA standards (service factor = 1.0) with Klubersynth UH1-6-460.

For input speeds above 1750 RPM, do not exceed maximum listed input horsepower.

* Depending on the input option chosen, reducer ratios denoted with * may have an overall capacity lower than the values shown (values represent gear capacity). Contact factory for details

B1 SS2000 Series Helical Inline Gear Drives

Mounting Details



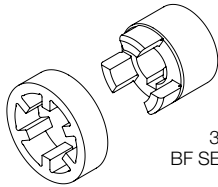
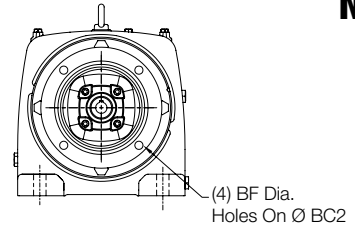
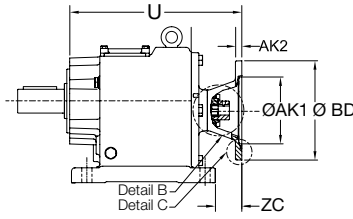
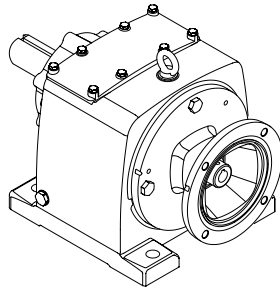
Dimensions in inches (mm)

SIZE	A	B	C	D	F	L	G	H +/-0.010 (+/-0.25)	J	K
SSRF2032 SSRF2033	-	0.39 (10.0)	6.30 (160.0)	0.71 (18.0)	5.12 (130.0)	4.33 (110.0)	5.90 (149.9)	3.530 (89.66)	1.60 (40.5)	6.28 (159.5)
SSRF2052 SSRF2053	8.80 (223.6)	0.45 (11.4)	7.83 (198.8)	0.80 (20.3)	6.50 (165.1)	5.31 (134.9)	7.34 (186.4)	4.520 (114.81)	2.41 (61.2)	7.95 (202.0)
SSRF2072 SSRF2073	10.50 (266.8)	0.63 (16.1)	9.69 (246.1)	1.00 (25.4)	8.07 (205.0)	6.69 (169.9)	9.12 (231.5)	5.500 (139.70)	2.51 (63.8)	9.25 (235.1)

SIZE	M +/-0.010 (+/-0.25)	N	P +/-0.010 (+/-0.25)	R +/-0.010 (+/-0.25)	T		BC1	APPROX. WEIGHT LBS (Kg)
					DIA(mm)	DEPTH		
SSRF2032 SSRF2033	3.140 (79.76)	0.35 (8.9)	0.974 (24.74)	0.527 (13.39)	M6	0.39 (10.0)	3.33 (84.5)	33 (15)
SSRF2052 SSRF2053	3.977 (101.02)	0.53 (13.5)	1.322 (33.58)	0.645 (16.38)	M6	0.39 (10.0)	3.80 (96.5)	53 (24)
SSRF2072 SSRF2073	4.627 (117.53)	0.68 (17.4)	1.282 (32.56)	0.715 (18.16)	M8	0.52 (13.3)	5.25 (133.4)	82 (37)

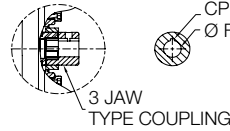
Note: Refer to Page 38 for Shaft details.
† Dimensions A and C are reference dimensions.

Motor Flange and Coupling Details NEMA

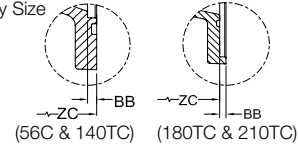


3 JAW COUPLING
BF SERIES (SUPPLIED)

DETAIL B



DETAIL C



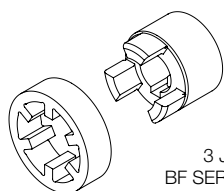
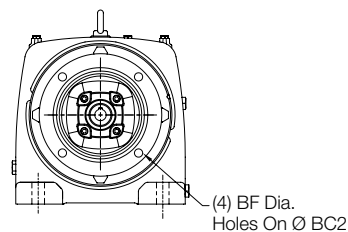
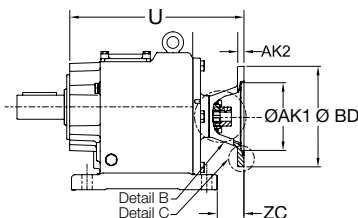
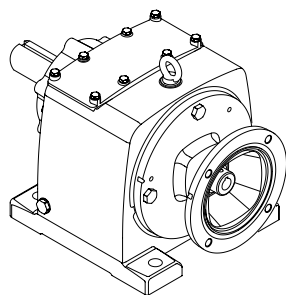
Dimensions in inches (mm)

INPUT SIZE		U	AK1 +0.005/-0 (+0.13/-0)	AK2	BB	BD	BF	BC2	ZC	FX	CPL KEY SIZE (INCHES)	
											SQ.	LENGTH
SSRF2032 SSRF2033	B5 (56C)	9.74 (247.4)	4.500 (114.30)	0.430 (10.92)	0.183 (4.64)	6.686 (169.82)	0.391 (9.93)	5.875 (149.23)	3.10 (78.7)	0.625 (15.88)	3/16	1-3/8
	B7 (140TC)	10.64 (270.3)	4.500 (114.30)	0.470 (11.94)	0.183 (4.64)	6.686 (169.82)	0.391 (9.93)	5.875 (149.23)	4.00 (101.6)	0.875 (22.23)	3/16	1-3/8
SSRF2052 SSRF2053	B5 (56C)	10.74 (272.8)	4.500 (114.30)	0.430 (10.92)	0.183 (4.64)	6.686 (169.82)	0.391 (9.93)	5.875 (149.23)	2.40 (61.0)	0.625 (15.88)	3/16	1-3/8
	B7 (140TC)	11.64 (295.7)	4.500 (114.30)	0.470 (11.94)	0.183 (4.64)	6.686 (169.82)	0.391 (9.93)	5.875 (149.23)	3.30 (83.8)	0.875 (22.23)	3/16	1-3/8
	B9 (180TC)	13.34 (338.8)	8.500 (215.90)	0.590 (14.99)	0.203 (5.14)	8.976 (227.99)	0.531 (13.49)	7.250 (184.15)	5.00 (127.0)	1.125 (28.58)	1/4	1-3/4
	B11 (210TC)	15.44 (392.2)	8.500 (215.90)	0.590 (14.99)	0.203 (5.14)	8.980 (228.09)	0.531 (13.49)	8.181 (207.78)	7.10 (180.3)	1.375 (34.93)	5/16	2-3/8

Output shaft key is provided with gear drive. Customer's driven element requires standard width and depth keyway.

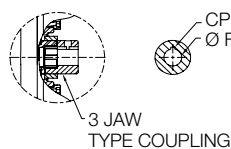
B1 SS2000 Series Helical Inline Gear Drives

Motor Flange and Coupling Details NEMA

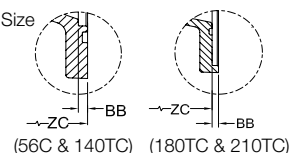


3 JAW COUPLING
BF SERIES (SUPPLIED)

DETAIL B



DETAIL C

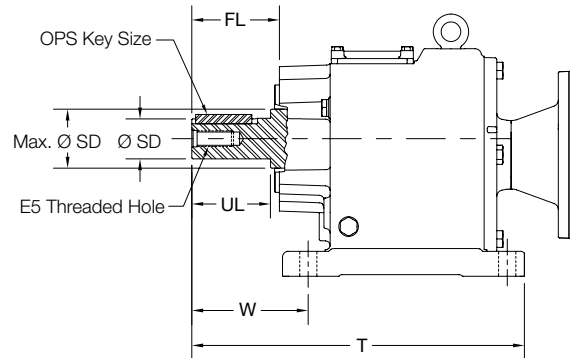
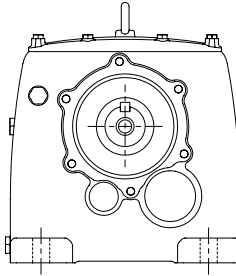
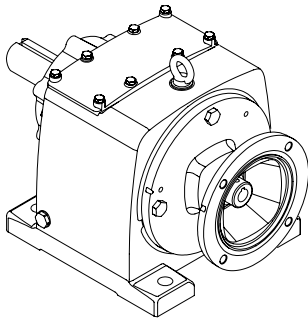


Dimensions in inches (mm)

INPUT SIZE		U	AK1 +0.005/-0 (+0.13/-0)	AK2	BB	BD	BF	BC2	ZC	FX	CPL KEY SIZE (INCHES)	
											SQ.	LENGTH
SSRF2072 SSRF2073	B5 (56C)	11.96 (303.8)	4.500 (114.30)	0.430 (10.92)	0.183 (4.64)	6.686 (169.82)	0.391 (9.93)	5.875 (149.23)	1.80 (45.7)	0.625 (15.88)	3/16	1-3/8
	B7 (140TC)	12.86 (326.6)	4.500 (114.30)	0.470 (11.94)	0.183 (4.64)	6.686 (169.82)	0.391 (9.93)	5.875 (149.23)	2.70 (68.6)	0.875 (22.23)	3/16	1-3/8
	B9 (180TC)	14.56 (369.8)	8.500 (215.90)	0.590 (14.99)	0.203 (5.14)	8.976 (227.99)	0.531 (13.49)	7.250 (184.15)	4.40 (111.8)	1.125 (28.58)	1/4	1-3/4
	B11 (210TC)	16.76 (425.7)	8.500 (215.90)	0.590 (14.99)	0.203 (5.14)	8.980 (228.09)	0.531 (13.49)	8.181 (207.78)	6.60 (167.6)	1.375 (34.93)	5/16	2-3/8

Output shaft key is provided with gear drive. Customer's driven element requires standard width and depth keyway.

Output Shaft Details



Dimensions in inches

SIZE	SHAFT SIZE	SD	SD Tolerance	Max. SD	UL	W	T	FL	E5		OPS KEY SIZE	
									Thread	Depth	SQ.	Length
SSRF2032 SSRF2033	D16	1.000	+0 -0.0005	1.378	1.780	2.950	8.597	2.219	3/8 -16	0.870	1/4	1-5/16
	D16L	1.000		1.378	3.160	4.330	9.977	3.599	3/8 -16	0.870	1/4	1-5/16
	D20	1.250		1.378	2.360	3.340	8.987	2.609	1/2 -13	1.120	1/4	1-11/16
SSRF2052 SSRF2053	D20	1.250	+0 -0.0005	1.772	2.360	3.540	10.685	2.658	1/2 -13	1.120	1/4	1-11/16
	D20L	1.250		1.772	3.150	3.150	11.475	3.448	1/2 -13	1.120	1/4	1-11/16
	D22	1.375		1.772	2.760	2.760	11.085	3.058	1/2 -13	1.120	5/16	1-13/16
SSRF2072 SSRF2073	D26	1.625	+0 -0.0010	1.772	3.150	3.150	11.475	3.448	5/8 -11	1.380	3/8	2-1/4
	D26	1.625		2.362	3.130	4.534	13.319	3.506	5/8 -11	1.380	3/8	2-1/4
	D26L	1.625		2.362	5.120	6.504	15.289	5.476	5/8 -11	1.380	3/8	2-1/4
	D32	2.000		2.362	3.940	5.324	14.109	4.296	3/4 -10	1.610	1/2	2-5/8

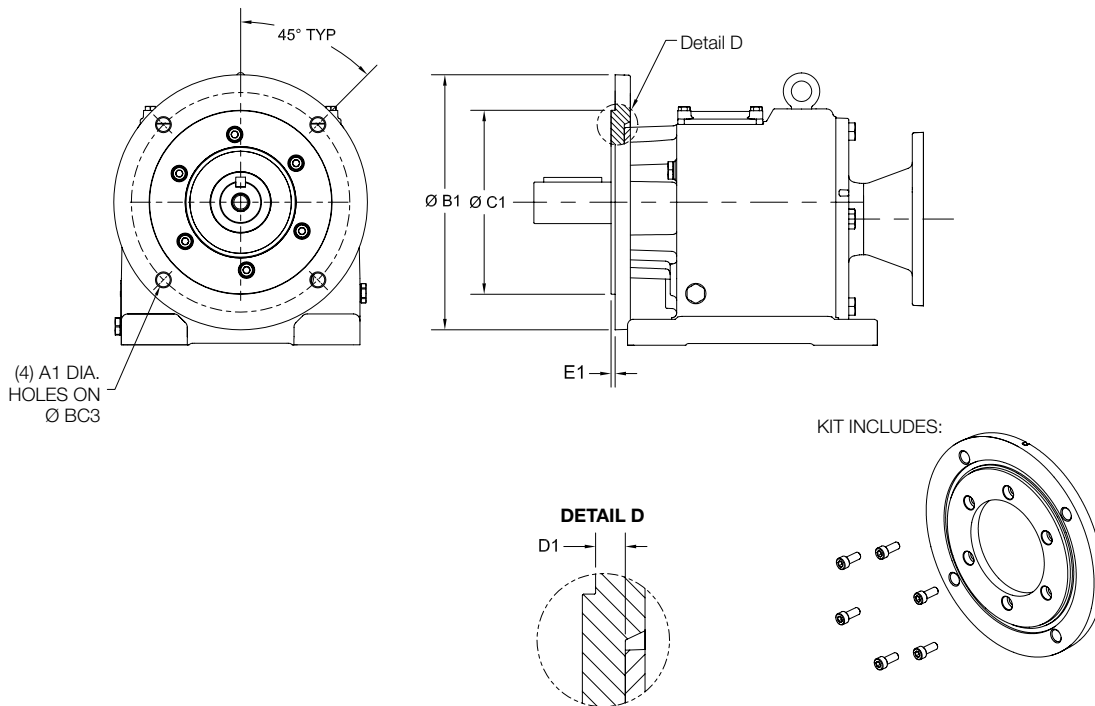
Dimensions in mm

SIZE	SHAFT SIZE	SD	SD Tolerance	Max. SD	UL	W	T	FL	E5		OPS KEY SIZE	
									Thread	Depth	Rect.	Length
SSRF2032 SSRF2033	DM25	25.000	-0.015 -0.002	35.005	45.17	74.89	218.31	56.31	M10	22.0	8 x 7	40
	DM25L	25.000		35.005	80.17	109.89	253.31	91.31	M10	22.0	8 x 7	40
	DM30	30.000		35.005	55.17	84.89	228.32	66.32	M10	22.0	8 x 7	50
SSRF2052 SSRF2053	DM30	30.000	-0.018 -0.002	45.005	70.00	70.00	281.46	77.57	M10	22.0	8 x 7	50
	DM30L	30.000		45.005	80.00	80.01	291.47	87.58	M10	22.0	8 x 7	50
	DM35	35.000		45.005	70.00	70.10	281.46	77.57	M12	28.0	10 x 8	56
SSRF2072 SSRF2073	DM40	40.000	-0.018 -0.002	45.005	80.00	80.01	291.47	87.58	M16	36.0	12 x 8	70
	DM40	40.000		59.995	80.00	115.16	338.30	89.05	M16	36.0	12 x 8	70
	DM40L	40.000		59.995	130.0	165.16	388.29	139.04	M16	36.0	12 x 8	70
	DM50	50.000		59.995	100.0	135.16	358.29	109.04	M16	36.0	14 x 9	80

Output shaft key is provided with gear drive. Customer's driven element requires standard width and depth keyway.

B1 SS2000 Series Helical Inline Gear Drives

Output Flange Details



Dimensions in inches (mm)

SIZE	A1	BC3	B1	C1 +/- 0.001 (+/- 0.03)	D1	E1	KIT PART #
SSRF2032 SSRF2033	0.26 (6.6)	3.94 (100)	4.72 (120)	3.150 (80.00)	0.49 (12.4)	0.12 (3.0)	SS2030-21K
SSRF2052 SSRF2053	0.35 (9.0)	5.12 (130)	6.30 (160)	4.330 (110.00)	0.30 (7.6)	0.14 (3.5)	SS2050-21K
SSRF2072 SSRF2073	0.53 (13.5)	8.47 (215)	9.84 (250)	7.090 (180.00)	0.35 (8.9)	0.16 (4.0)	SS2070-21K

Mounting Registers

Mounting Registers on the 2000 Series products enable a simpler installation for Base Mounted units.

Use the following steps to assist in the alignment between the reducer output shaft and the shaft being driven (driven shaft).

1. Establish a reference edge that is parallel to the driven shaft using dimension M on page 35 as the offset.
2. Bank Reference Face 2 of the reducer against your reference edge.
3. Use Reference Face 3 of the reducer for any fine angular (yaw) or lateral adjustments.

Contacting thumbscrews against Reference Face 2 or 3 is a clever method for finer adjustment of alignment.

MOUNTING REGISTERS

