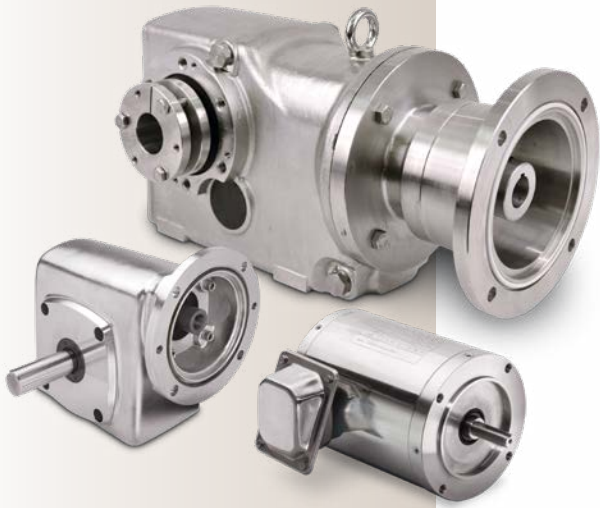


I N T R O D U C I N G

Stainless Steel Helical Bevel Gear Drives



Boston Gear Expands its Stainless Steel Offering with SS2000R Products

- 316 Series Stainless Exterior
- Domed Crown & Rounded Corners for Superior Washdown Run-off
- Premium Efficiency of Ground Helical Bevel Gearing

Industry Leading Performance

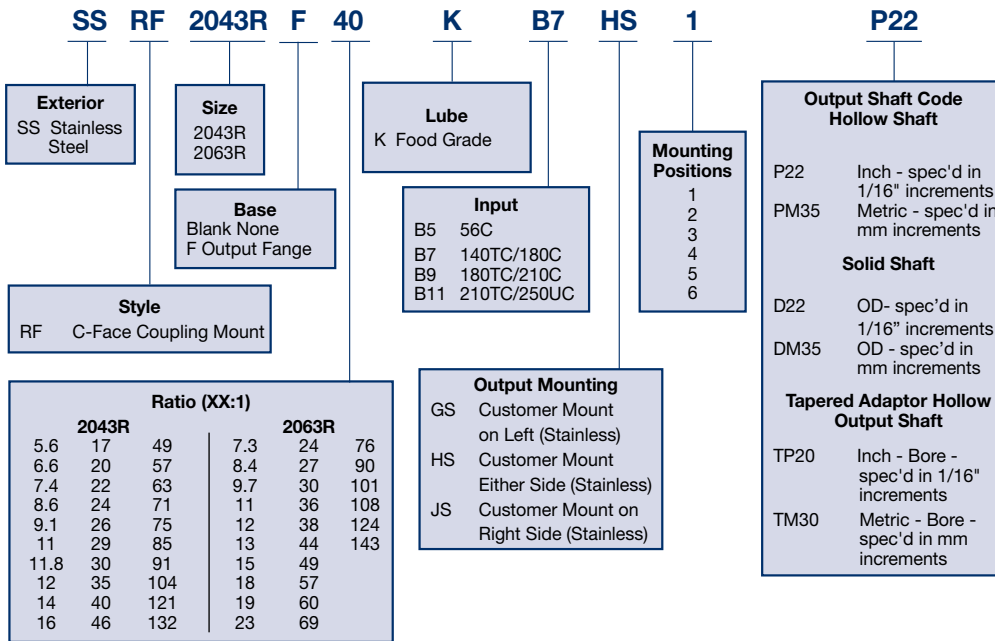
- Output Torque to 7,700 lbf-in (870 Nm)
- Input Power to 10 HP (7.5 kW)

Unique Value-Added Features

- Mounting Registers Speed-up Installation
- Automatic Entrapment of Metallic Wear Debris Prolongs Product Life
- Laser-marked Nameplate Impervious to the Effects of Caustic Washdown
- Optional High Pressure Washdown Deflector Protects Seals Against Highly Aggressive Environments
- Stainless Steel AC Motors Provide Complete Washdown Gear Motor Solutions

Ordering Information

Example: SSRF2043RF40KB7HS1P22



Stainless Steel AC Motors

Part #	HP	Type	Frame Size
FUT-SS	0.5	TENV	56C
GUT-SS	0.75	TENV	56C
HUT5/8-SS	1.0	TENV	56C
HUTF5/8-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

TENV = Totally enclosed, non-ventilated

TEFC = Totally enclosed, fan-cooled

Available Output Shaft Sizes:

	Hollow Shaft Bore Codes		Solid Shaft OD Codes		Tapered Bushing Bore Codes	
	Inch	Metric	Inch	Metric	Inch	Metric
2043R	P20	PM30	D20	DM30	TP19	TM30
	P22	PM35	D22	DM35	TP20	
2063R	P23	PM40	D26	DM40	TP22	TM35
	P24		D32	DM50	TP23	

Contact Factory for Additional Shaft Sizes

Performance Stainless Steel Family of Products

SSF700 Existing Product Family (Worm)

SSRF2000R New Product Additions (Helical Bevel)

NEW

SSF700 Ratio	SSRF2000R Ratio	Nominal OP Speed	Max Input Power (HP)											
			0.16	0.25	0.33	0.5	0.75	1	1.5	2	3	5	7.5	10
5		350								SSF718	SSF721	SSF726		SSF732
	5.6	300												SSRF2043R
	6.6-7.3	250												SSRF2043R
	7.4-8.6	210											SSRF2043R	SSRF2063R
10	9.1-9.7	180							SSF718	SSF721	SSF726	SSF732	SSRF2043R	SSRF2063R
	11-12	150										SSRF2043R		SSRF2063R
15	13-16	120						SSF718	SSF721	SSF726	SSF732	SSRF2043R		SSRF2063R
20	17-20	90						SSF718	SSF721	SSF726	SSF732	SSRF2043R		SSRF2063R
	22-23	80									SSRF2043R		SSRF2063R	
25	24-27	70					SSF718	SSF721	SSF726		SSRF2043R		SSRF2063R	
											SSF732			
30	29-30	60				SSF718		SSF721	SSF726	SSF732	SSRF2043R		SSRF2063R	
	35-36	50									SSRF2043R	SSRF2063R		
40	38-40	45				SSF718	SSF721	SSF726		SSRF2043R		SSRF2063R		
										SSF732				
50	44-46	40								SSRF2043R		SSRF2063R		
60	49	35			SSF718	SSF721		SSF726	SSF732	SSRF2043R	SSRF2063R			
	57	32								SSRF2043R		SSRF2063R		
80	60-63	29			SSF718	SSF721	SSF726	SSF732		SSRF2043R		SSRF2063R		
	69-71	25								SSRF2043R		SSRF2063R		
100	75-90	22		SSF718	SSF721		SSF726	SSRF2043R		SSRF2063R				
								SSF732						
100	91-108	17	SSF718	SSF721	SSF726	SSF732		SSRF2043R		SSRF2063R				
	121-124	14						SSRF2043R		SSRF2063R				
	132-143	12						SSRF2043R		SSRF2063R				

Refer to product catalog (P-7077-BBG) for full dimensional & performance details of SSRF2000R stainless helical bevel gear drives.

(Service Factor = 1.0)

Refer to product catalog (P-1998-BG) for full dimensional & performance details of SSF700 stainless worm gear drives and stainless motors.