

Universal Series Style Reference Guide

Single Reduction

STF



Ratings P. 157 - 160
Dimensions P. 161

SVF



Ratings P. 157 - 160
Dimensions P. 162

ST



Ratings P. 157 - 160
Dimensions P. 163

SB



Ratings P. 157 - 160
Dimensions P. 164

SV



Ratings P. 157 - 160
Dimensions P. 165

STL



Ratings P. 157 - 160
Dimensions P. 166

SVL



Ratings P. 157 - 160
Dimensions P. 167

900 Series
Single Reduction

900 Series
Double Reduction

Accessories

900 Series
Gear-Motors

Ratio Multipliers

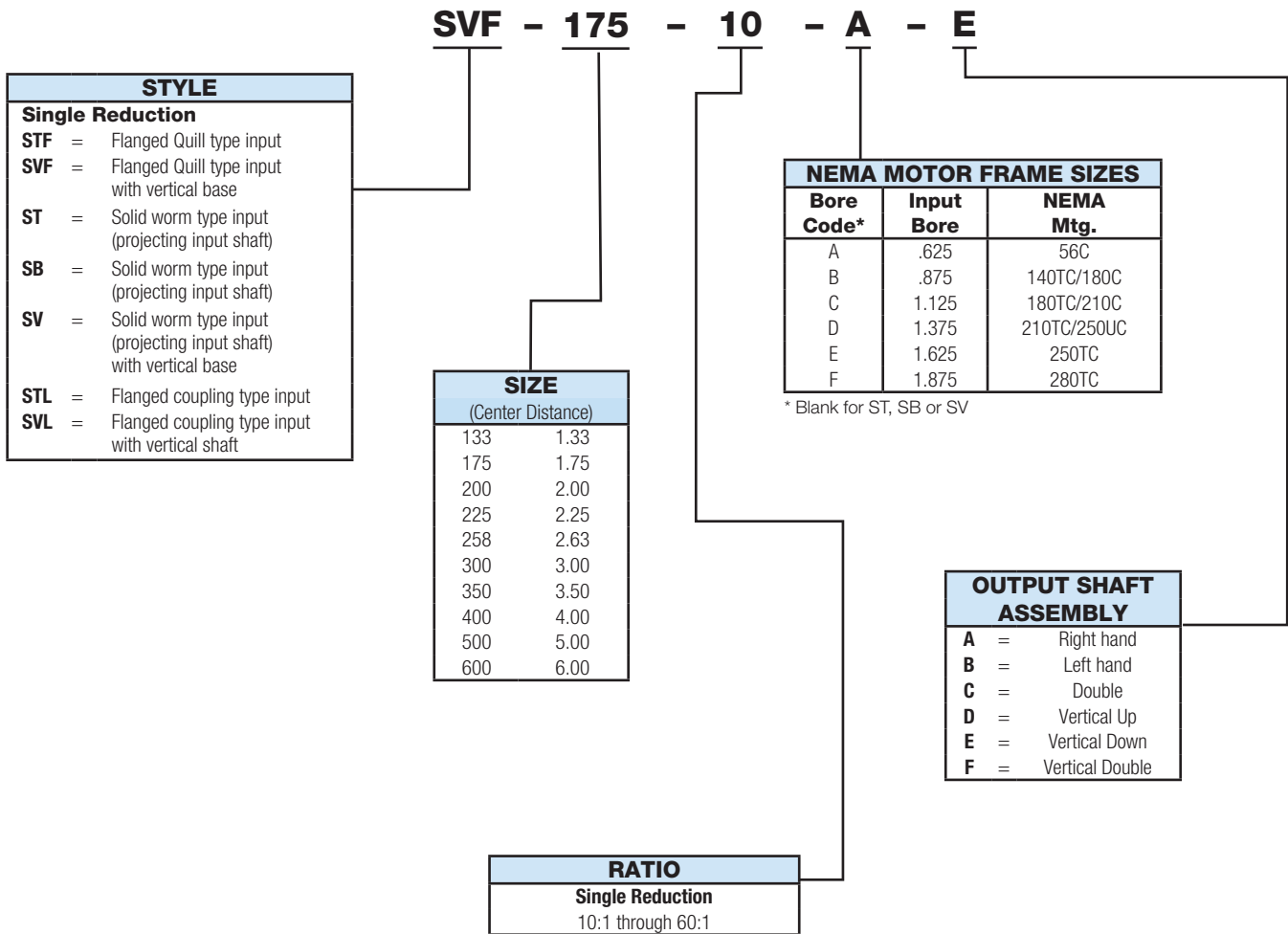
In-Line Helical (LH)

Universal Series
Single Reduction

Universal Series
Double Reduction

Engineering

Universal Series Numbering System/How to Order



HOW TO ORDER

Please specify Style, Size, Base (if required), Ratio, NEMA Input Flange (if flanged reducer), Output shaft assembly.

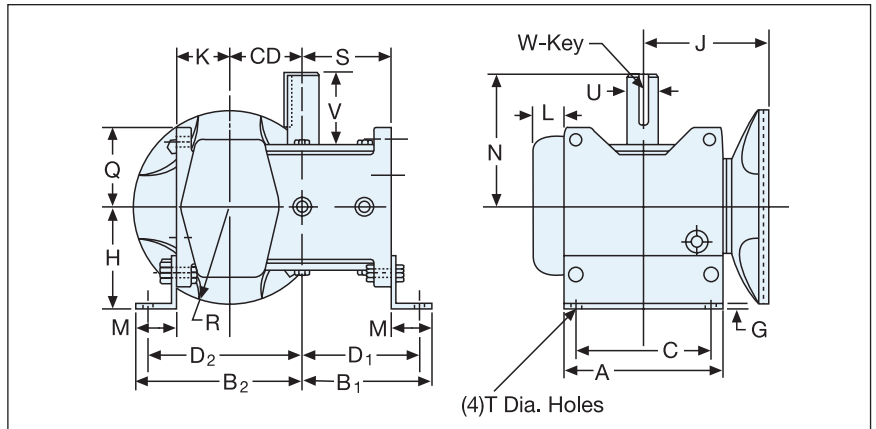
EXAMPLE

Required size, 175, Quill type input, 10:1, 56C, vertical shaft down

Order **SVF-175-10-A-E** or **GSF1018AA** with Vertical Base Kit **B1317V81** from stock.

Style SVF

Universal Series Dimensions Single Reduction Flanged Quill Type

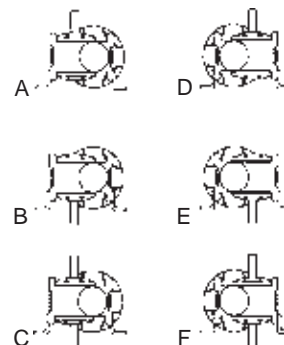


Size	C.D.	A	B ₁	B ₂	C	D ₁	D ₂	G	H		J			K	L	M	N	Q	S	T
									Except 258C & 300C	258C & 300C Only	56C 140TC	180TC 210C	210TC							
133	1.33	4.25	3.31	4.53	3.50	2.88	4.09	0.25	3.38	—	3.88	—	—	1.88	—	1.31	4.13	2.188	2.00	0.343
175	1.75	4.25	3.69	4.94	3.50	3.25	4.50	0.25	3.38	—	3.88	—	—	1.88	—	1.31	4.25	2.188	2.38	0.343
200	2.00	5.25	4.25	5.63	4.25	3.75	5.13	0.25	3.38	—	4.38	—	—	2.06	—	1.56	4.88	2.500	2.69	0.406
225	2.25	5.25	4.50	5.88	4.25	4.00	5.38	0.25	3.38	—	4.38	—	—	2.06	—	1.56	5.13	2.500	2.94	0.406
258	2.63	7.00	5.31	7.06	5.63	4.75	6.50	0.25	3.38	5.38	5.00	6.06	—	2.38	—	2.06	5.50	3.125	3.25	0.531
300	3.00	7.00	5.69	7.44	5.63	5.13	6.88	0.25	3.38	5.38	5.00	6.06	—	2.38	—	2.06	5.88	3.125	3.63	0.531
350	3.50	7.63	6.13	8.13	6.38	5.50	7.50	0.25	4.56	—	5.41	6.22	—	2.63	2.13	2.00	6.50	3.813	4.13	0.531
400	4.00	8.63	6.50	9.00	7.38	5.88	8.38	0.25	5.08	—	5.94	6.75	6.75	3.00	2.13	2.00	7.38	5.313	4.50	0.531

Size	Output Shaft		W-Key		Motor Size Available Per Size Any Ratio	Approximate Weight Lbs.	Approximate Oil Capacity Oz.
	U +0.000 -0.001	V	Sq.	Lgth.			
133	0.625	1.88	0.187	1.18	A	16.5	8
175	0.750	2.00	0.187	1.31	A ₁	18.5	9
200	0.875	2.44	0.187	1.75	A ₁	25	11
225	1.000	2.69	0.250	1.88	A ₁	28	15
258	1.125	2.63	0.250	1.88	A ₁	45	32
300	1.250	3.00	0.250	2.25	A, B, C	49	38
350	1.500	3.44	0.375	2.75	A, B, C,	75	51
400	1.625	3.75	0.375	2.75	A, B, C, D	98	80

Motor Information				
Worm Bore Size Designation	NEMA Design	Bore +0.002 -0.000	Key Way	R
A	56C	0.625	0.187 x 0.093	3.25
B	180C/140TC	0.875	0.187 x 0.093	3.25
C	180TC/210C	1.125	0.250 x 0.125	4.50
D	210TC	1.375	0.312 x 0.156	4.50

Assembly Types Side View



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