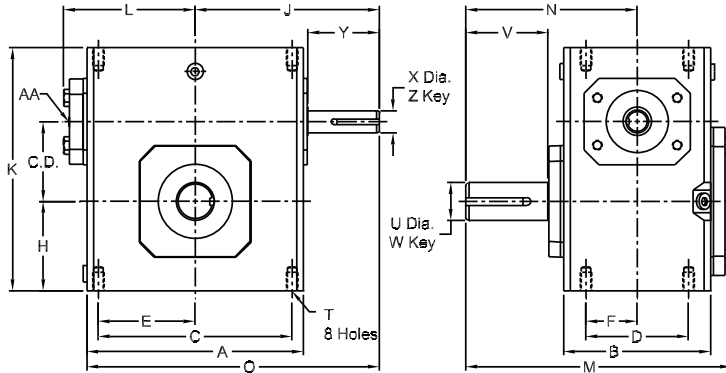
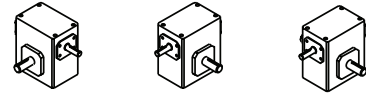


Style U

Universal —Basic Unit



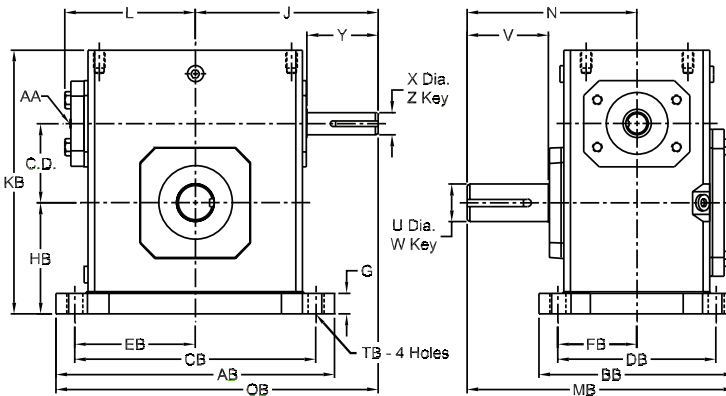
Assembly Drawing and Sample of Components



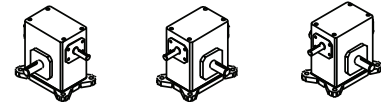
133UL10 133UR10 133ULR10

Style UT

Universal Worm Top



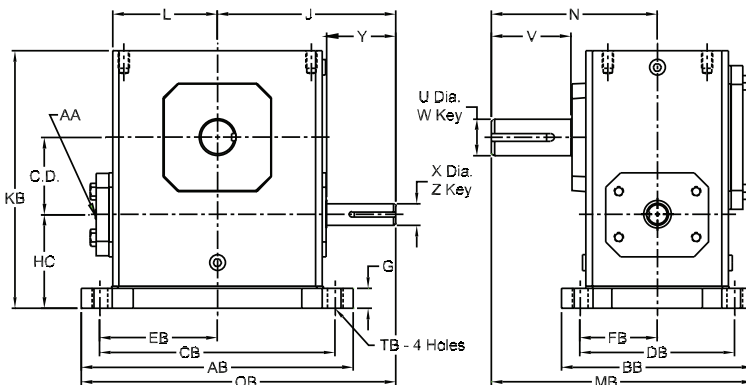
Assembly Drawing and Sample of Components



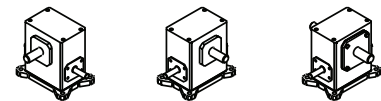
133UL10 133UR10 133ULR10
133S-BK 133S-BK 133S-BK

Style UB

Universal Worm Bottom



Assembly Drawing and Sample of Components



133UR10 133UL10 133ULR10
133S-BK 133S-BK 133S-BK

Dimensions (Inches) for Style "U"

CD	Basic Unit ★	A	B	C	D	E	F	H	J	K	L	M	N	O
1.33	133U	3.80	2.82	3.25	2.00	1.63	1.00	1.72	3.82	4.66	2.61	6.06	4.00	5.72
1.54	154U	4.88	3.44	4.19	2.75	2.09	1.38	1.91	4.35	5.38	3.14	6.72	4.31	6.79
1.75	175U	5.06	3.56	4.19	2.75	2.09	1.38	2.06	4.45	5.75	3.24	6.78	4.31	6.98
2.06	206U	5.80	3.81	5.00	2.88	2.50	1.44	2.28	4.82	6.38	3.61	7.28	4.68	7.72
2.37	237U	6.12	4.06	5.00	2.88	2.50	1.44	2.50	5.51	6.94	3.77	7.84	5.14	8.57
2.63	262U	7.12	4.84	6.38	3.38	3.19	1.69	2.94	6.07	8.00	4.34	8.74	5.63	9.63
3.00	300U	8.12	5.25	7.00	4.00	3.50	2.00	3.25	6.57	8.88	4.84	10.14	6.75	10.63
3.25	325U	8.50	5.75	7.50	4.00	3.75	2.00	3.50	6.76	9.38	5.02	10.70	7.06	11.01
3.75	375U	9.50	6.38	8.50	4.75	4.25	2.38	3.88	8.38	10.44	5.74	11.88	7.75	13.13
4.50	450U	10.88	7.38	9.56	5.81	4.78	2.91	4.50	9.59	11.94	6.42	13.16	8.44	15.09
5.16	516U	12.50	7.38	11.00	5.81	5.50	2.91	5.31	10.69	13.75	7.42	13.91	9.06	16.94
6.00	600U	14.50	8.13	12.75	6.38	6.38	3.19	6.50	11.75	16.50	8.25	15.31	10.00	19.00

CD	T		OUTPUT SHAFT				INPUT SHAFT				Stock Ratios marked x									
	Size	Deep	U	V	W Key		X	Y	Z Key											
					Sq.	Lgth.			Sq.	Lgth.	5	10	15	20	25	30	40	50	60	
1.33	5/16 - 18	0.50	0.63	1.94	0.19	1.50	0.50	1.76	0.13	1.00	x	x	x	x	x	x	x	x	x	
1.54	5/16 - 18	0.63	0.75	1.90	0.19	1.50	0.63	1.76	0.19	1.38	x	x	x	x	x	x	x	x	x	
1.75	5/16 - 18	0.63	0.88	1.84	0.19	1.38	0.63	1.76	0.19	1.38	x	x	x	x	x	x	x	x	x	
2.06	5/16 - 18	0.63	1.00	2.08	0.25	1.44	0.63	1.76	0.19	1.38	x	x	x	x	x	x	x	x	x	
2.37	3/8 - 16	0.69	1.13	2.44	0.25	1.75	0.75	2.38	0.19	1.63	x	x	x	x	x	x	x	x	x	
2.63	3/8 - 16	0.69	1.13	2.52	0.25	1.75	0.75	2.38	0.19	1.63	x	x	x	x	x	x	x	x	x	
3.00	7/16 - 14	0.88	1.25	3.36	0.25	1.75	0.88	2.38	0.19	1.63	x	x	x	x	x	x	x	x	x	
3.25	7/16 - 14	0.88	1.38	3.42	0.31	2.63	0.88	2.38	0.19	1.63	x	x	x	x	x	x	x	x	x	
3.75	1/2 - 13	1.00	1.63	3.50	0.38	2.81	1.00	2.91	0.25	1.75	-	x	x	x	x	x	x	x	x	
4.50	5/8 - 11	1.00	1.63	3.38	0.38	2.50	1.13	3.48	0.25	2.50	-	x	x	x	x	x	x	x	x	
5.16	5/8 - 11	1.00	2.00	4.16	0.50	2.81	1.25	3.75	0.25	2.56	-	x	x	x	x	x	x	x	x	
6.00	5/8 - 11	1.00	2.25	4.56	0.50	3.50	1.50	3.75	0.38	2.94	x	x	x	x	x	x	x	x	x	

Dimensions (Inches) for Style "UT" - With Base - Worm Top

Components ◆		AB	BB	CB	DB	EB	FB	G	HB	KB	MB	OB	TB
Basic Unit ★	Base Kit ▲												
133U	133S-BK	5.37	5.38	4.37	3.31	2.19	1.66	0.53	2.25	5.19	6.69	6.51	0.34
154U	154S-BK	6.50	5.56	5.25	4.31	2.63	2.16	0.59	2.50	5.97	7.09	7.60	0.41
175U	175S-BK	6.99	5.75	5.75	4.50	2.88	2.25	0.69	2.75	6.44	7.19	7.95	0.41
206U	206S-BK	7.69	6.00	6.38	4.69	3.19	2.34	0.72	3.00	7.09	7.68	8.67	0.47
237U	237S-BK	8.37	6.19	7.06	4.88	3.53	2.44	0.75	3.25	7.69	8.24	9.70	0.49
262U	262S-BK	9.25	6.50	8.00	5.25	4.00	2.63	0.75	3.69	8.75	8.88	10.70	0.53
300U	300S-BK	10.00	7.50	8.44	5.88	4.22	2.94	0.75	4.00	9.63	10.50	11.57	0.53
325U	325S-BK	11.12	7.75	9.50	6.13	4.75	3.06	0.81	4.38	10.25	10.94	12.32	0.53
375U	375S-BK	12.00	8.63	10.38	7.00	5.19	3.50	0.94	4.81	11.38	12.06	14.38	0.59
450U	450S-BK	13.88	9.31	12.13	7.63	6.06	3.81	1.13	5.63	13.06	13.13	16.53	0.66
516U	516S-BK	16.38	10.38	14.13	8.38	7.06	4.19	1.13	6.44	14.88	14.25	18.88	0.78
600U	600S-BK	19.00	12.00	16.50	9.50	8.25	4.75	1.25	7.75	17.75	16.00	21.25	0.91

Dimensions (Inches) for Style "UB"

Components ◆		HC
Basic Unit ★	Base Kit ▲	
133U	133S-BK	2.14
154U	154S-BK	2.52
175U	175S-BK	2.63
206U	206S-BK	2.75
237U	237S-BK	2.81
262U	262S-BK	3.19
300U	300S-BK	3.38
325U	325S-BK	3.50
375U	375S-BK	3.75
450U	450S-BK	4.06
516U	516S-BK	4.40
600U	600S-BK	5.25

Fan Kit

Basic Unit ★	Fan Kit	AA		L	Wt. Lbs.
		Tap	Deep		
375U	375 FAN	3/8-24	3/4	7.66	2.8
450U	450 FAN	3/8-24	3/4	8.36	2.8
516U	516 FAN	3/8-24	3/4	9.18	2.8
600U	600 FAN	3/8-24	3/4	10.70	4.2

- ★ To complete Part No. add shaft assembly (L, R, LR) and ratio symbol to size - for example 133ULR10.
- ◆ Components needed to make assembled reducer must be ordered separately. If Fan Kit is required, see the table above.
- ▲ Standard Base Kit (S-BK) base kits are shown on page 216. Consult factory for ratios not shown as standard.