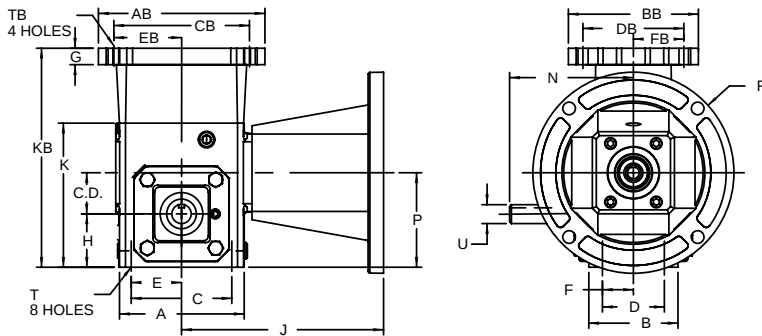
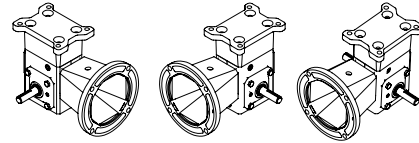


Style CRT

C-Face Coupled - Riser Block
Worm Top



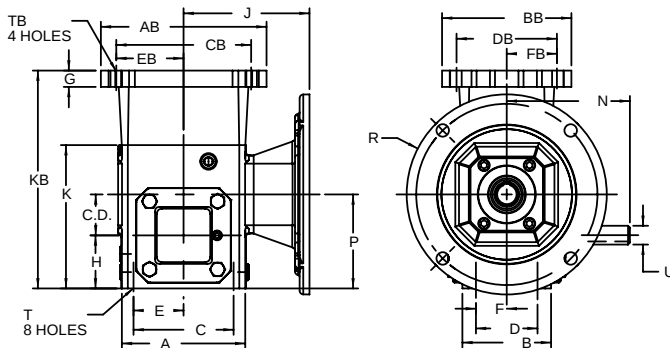
Assembly Drawing and Sample of Components



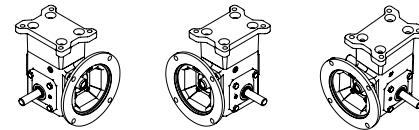
133UL10	133UR10	133ULR10
133R-BK	133R-BK	133R-BK
133MAK56	133MAK56	133MAK56
133S-BK	133S-BK	133S-BK

Style QRT

C-Face Quilled - Riser Block
Worm Top



Assembly Drawing and Sample of Components



133Q56L10	133Q56R10	133Q56LR10
133R-BK	133R-BK	133R-BK
133S-BK	133S-BK	133S-BK

DIMENSIONS (INCHES) FOR STYLE "QT" - WORM TOP

C.D.	BASIC UNIT ★	N.E.M.A. FRAME	A	B	C	D	E	F	H	J "Q"	J "C"	N	P	R
1.33	133Q56	56C	4.00	2.88	3.25	2.00	1.63	1.00	1.82	3.94	6.38	4.00	3.05	3.25
1.54	154Q56	56C	5.13	3.69	4.19	2.75	2.09	1.38	1.91	4.52	7.13	4.31	3.45	3.25
1.54	154Q140	143/145TC	5.13	3.69	4.19	2.75	2.09	1.38	1.91	4.52	7.13	4.31	3.45	3.25
1.75	175Q56	56C	4.81	3.38	4.19	2.75	2.09	1.38	2.06	4.38	7.00	4.31	3.81	3.25
1.75	175Q140	143/145TC	4.81	3.38	4.19	2.75	2.09	1.38	2.06	4.38	7.00	4.31	3.81	3.25
2.06	206Q56	56C	5.50	3.75	5.00	2.88	2.50	1.44	2.28	4.75	7.37	4.69	4.34	3.25
2.06	206Q140	143/145TC	5.50	3.75	5.00	2.88	2.50	1.44	2.28	4.75	7.37	4.69	4.34	3.25
2.37	237Q56	56C	6.13	4.06	5.00	2.88	2.50	1.44	2.50	5.06	7.69	5.08	4.88	3.25
2.37	237Q140	143/145TC	6.13	4.06	5.00	2.88	2.50	1.44	2.50	5.06	7.69	5.08	4.88	3.25
2.62	262Q56	56C	7.12	4.44	6.38	3.38	3.09	1.69	2.94	5.69	8.50	5.63	5.57	3.25
2.62	262Q140	143/145TC	7.12	4.44	6.38	3.38	3.09	1.69	2.94	5.69	8.50	5.63	5.57	3.25
2.62	262Q180	182/184TC	7.12	4.44	6.38	3.38	3.09	1.69	2.94	6.13	9.72	5.63	5.57	4.50
3.00	300Q56	56C	8.50	5.50	7.00	4.00	3.50	2.00	3.25	5.67	9.35	6.75	6.25	3.25
3.00	300Q140	143/145TC	8.50	5.50	7.00	4.00	3.50	2.00	3.25	5.67	9.35	6.75	6.25	3.25
3.00	300Q180	182/184TC	8.50	5.50	7.00	4.00	3.50	2.00	3.25	6.45	10.57	6.75	6.25	4.50
3.25	325Q56	56C	8.50	5.00	7.50	4.00	3.75	2.00	3.50	6.56	9.37	7.06	6.75	3.25
3.25	325Q140	143/145TC	8.50	5.00	7.50	4.00	3.75	2.00	3.50	6.56	9.37	7.06	6.75	3.25
3.25	325Q180	182/184TC	8.50	5.00	7.50	4.00	3.75	2.00	3.50	7.00	10.59	7.06	6.75	4.50
3.75	375Q56	56C	9.50	6.38	8.50	4.75	4.25	2.38	3.88	6.01	11.47	7.75	7.63	3.38
3.75	375Q140	143/145TC	9.50	6.38	8.50	4.75	4.25	2.38	3.88	6.01	11.47	7.75	7.63	3.38
3.75	375Q180	182/184TC	9.50	6.38	8.50	4.75	4.25	2.38	3.88	7.29	12.92	7.75	7.63	4.50
3.75	375Q210	213/215TC	9.50	6.38	8.50	4.75	4.25	2.38	3.88	7.29	12.92	7.75	7.63	4.50
4.50	450Q140	143/145TC	10.88	7.38	9.56	5.81	4.78	2.91	4.50	6.69	12.15	8.44	9.00	3.38
4.50	450Q180	182/184TC	10.88	7.38	9.56	5.81	4.78	2.91	4.50	7.97	13.60	8.44	9.00	4.50
4.50	450Q210	213/215TC	10.88	7.38	9.56	5.81	4.78	2.91	4.50	7.97	13.60	8.44	9.00	4.50
5.16	516Q180	182/184TC	12.50	7.38	11.00	5.81	5.50	2.91	5.31	8.78	14.40	9.06	10.47	4.50
5.16	516Q210	213/215TC	12.50	7.38	11.00	5.81	5.50	2.91	5.31	8.78	14.40	9.06	10.47	4.50

Raider Plus

C.D.	N.E.M.A. FRAME	T		OUTPUT SHAFT			STOCK RATIOS MARKED "X"										
		SIZE	DEEP	U +.000/- .001	W KEY		5	10	15	20	25	30	40	50	60	WT. LBS	
					SQ.	LGTH.											
1.33	56C	5/16-18	0.50	0.625	0.188	1.31	x	x	x	x	x	x	x	x	x	x	19.41
1.54	56C	5/16-18	0.50	0.625	0.188	1.25	x	x	x	x	x	x	x	x	x	x	26.65
1.54	143/145TC	5/16-18	0.50	0.875	0.188	1.25	x	x	x	-	-	-	-	-	-	-	26.65
1.75	56C	5/16-18	0.61	0.625	0.188	1.38	x	x	x	x	x	x	x	x	x	x	29.39
1.75	143/145TC	5/16-18	0.61	0.875	0.188	1.38	x	x	x	-	-	-	-	-	-	-	29.39
2.06	56C	3/8-16	0.61	0.625	0.250	1.75	x	x	x	x	x	x	x	x	x	x	34.81
2.06	143/145TC	3/8-16	0.61	0.875	0.250	1.75	x	x	x	x	x	x	x	x	x	x	34.81
2.37	56C	3/8-16	0.60	0.625	0.250	1.75	x	x	x	x	x	x	x	x	x	x	45.28
2.37	143/145TC	3/8-16	0.60	0.875	0.250	1.75	x	x	x	x	x	x	x	x	x	x	45.28
2.62	56C	3/8-16	0.58	0.625	0.250	2.00	-	x	x	x	x	x	x	x	x	x	56.02
2.62	143/145TC	3/8-16	0.58	0.875	0.250	2.00	-	x	x	x	x	x	x	x	x	x	56.02
2.62	182/184TC	3/8-16	0.58	1.125	0.250	2.00	x	x	-	-	-	-	-	-	-	-	56.02
3.00	56C	7/16-14	0.80	0.625	0.250	2.25	-	-	x	x	x	x	x	x	x	x	74.76
3.00	143/145TC	7/16-14	0.80	0.875	0.250	2.25	-	x	x	x	x	x	x	x	x	x	74.76
3.00	182/184TC	7/16-14	0.80	1.125	0.250	2.25	-	x	x	x	x	x	x	x	x	x	74.76
3.25	56C	7/16-14	0.80	0.625	0.313	2.88	-	x	x	x	x	x	x	x	x	x	92.17
3.25	143/145TC	7/16-14	0.80	0.875	0.313	2.88	-	x	x	x	x	x	x	x	x	x	92.17
3.25	182/184TC	7/16-14	0.80	1.125	0.313	2.88	-	x	x	x	x	x	x	x	x	x	92.17
3.75	56C	1/2-13	1.00	0.625	0.375	2.81	-	-	-	-	-	-	-	x	x	x	126.03
3.75	143/145TC	1/2-13	1.00	0.875	0.375	2.81	-	x	x	x	x	x	x	x	x	x	126.03
3.75	182/184TC	1/2-13	1.00	1.125	0.375	2.81	-	x	x	x	x	x	x	x	x	-	126.03
3.75	213/215TC	1/2-13	1.00	1.375	0.375	2.81	-	x	x	-	-	-	-	-	-	-	126.03
4.50	143/145TC	5/8-11	1.00	0.875	0.375	2.50	-	-	-	-	-	-	-	x	x	x	179.62
4.50	182/184TC	5/8-11	1.00	1.125	0.375	2.50	-	-	x	x	x	x	x	x	x	x	179.62
4.50	213/215TC	5/8-11	1.00	1.375	0.375	2.50	-	x	x	x	x	x	-	-	-	-	179.62
5.16	182/184TC	5/8-11	1.00	1.125	0.500	2.81	-	-	-	-	-	-	-	x	x	x	230.19
5.16	213/215TC	5/8-11	1.00	1.375	0.500	2.81	-	x	x	x	x	x	x	-	-	-	230.19

DIMENSIONS (INCHES) FOR STYLE "QT" - WORM TOP

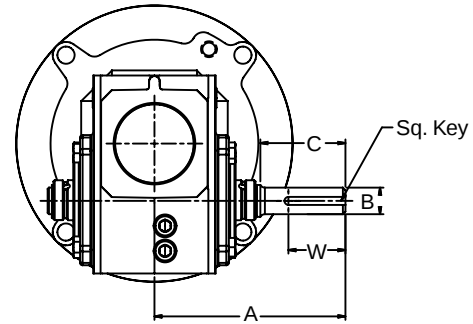
COMPONENTS ◆		AB	BB	CB	DB	EB	FB	G	KB	TB
REF. NO.	RISER BLOCK KIT									
133Q	133R-BK	5.38	4.19	4.38	3.31	2.19	1.66	0.47	7.07	0.38
154Q	154R-BK	6.44	5.44	5.25	4.31	2.63	2.16	0.59	7.52	0.44
175Q	175R-BK	7.00	5.56	5.75	4.50	2.88	2.25	0.69	8.05	0.44
206Q	206R-BK	7.69	5.76	6.38	4.69	3.19	2.34	0.72	8.51	0.50
237Q	237R-BK	8.50	6.19	7.06	4.88	3.53	2.44	0.75	10.38	0.50
262Q	262R-BK	9.25	6.50	8.00	5.25	4.00	2.63	0.75	11.15	0.56
300Q	300R-BK	10.17	7.38	8.44	5.88	4.22	2.94	0.88	11.88	0.56
325Q	325R-BK	11.12	7.75	9.50	6.13	4.75	3.06	0.88	12.13	0.56
375Q	375R-BK	12.00	8.63	10.38	7.00	5.19	3.50	0.94	13.15	0.59
450Q	450R-BK	13.88	9.31	12.13	7.63	6.06	3.81	1.13	15.33	0.66
516Q	516R-BK	16.38	10.38	14.13	8.38	7.06	4.19	1.13	16.88	0.78

★ To complete Part No. add shaft assembly (L, R, LR) and ratio symbol to size - for example 133Q56H10.

◆ Components needed to make assembled reducer must be ordered separately. If Fan Kit is required, see the table at the left. Consult factory for ratios not shown as standard.

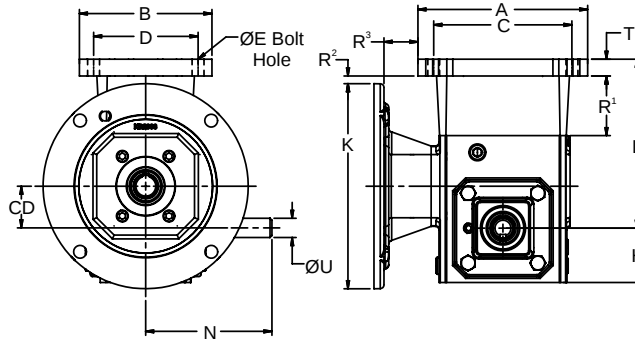
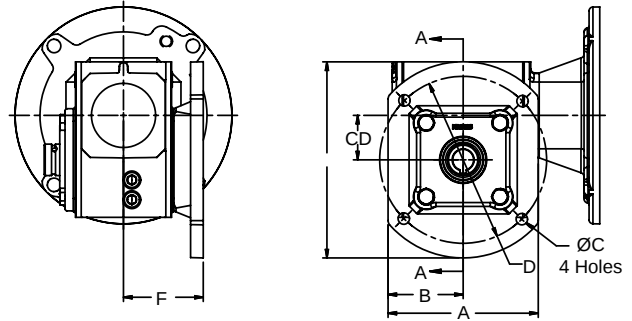
Dimensions (Inches) for Output Plug-In Shaft Kit

Part No.	A	B	C	W	Sq. Key
133H-SK	4.49	0.625	2.00	1.312	0.1875
154H-SK	4.90	0.750	1.81	1.250	0.1875
175H-SK	4.92	0.875	1.91	1.375	0.1875
206H-SK	5.43	1.000	2.00	1.750	0.2500
237H-SK	5.74	1.125	2.37	1.750	0.2500
262H-SK	6.21	1.125	2.50	2.000	0.2500
300H-SK	7.74	1.250	3.25	2.250	0.2500
325H-SK	7.74	1.375	3.25	2.875	0.3125



Dimensions (Inches) for Cast Iron Output Flange Kit

Part No.	CD	A	B	C	D	E	F
133H-CFK	1.33	4.50	2.25	0.344	5.00	5.88	3.00
154H-CFK	1.54	4.50	2.25	0.344	5.00	5.75	3.54
175H-CFK	1.75	4.88	2.44	0.344	5.87	6.75	3.50
206H-CFK	2.06	5.75	2.88	0.406	7.00	7.87	3.75
237H-CFK	2.37	6.80	3.40	0.405	7.50	8.60	3.74
262H-CFK	2.62	7.75	3.88	0.406	8.00	8.88	4.06
300H-CFK	3.00	8.20	4.10	0.405	9.00	10.15	4.75
325H-CFK	3.25	9.00	4.50	0.531	10.00	11.00	5.25



Dimensions (Inches) for Base Kit/Riser Kit

Base Kit	Riser Block Kit	C.D.	C-Face	R ¹	R ²	R ³	T	A	B	C	D	E	K	H	L	N	U
133-BKS	133R-BK	1.33	56/140	1.89	0.24	1.07	0.53	5.38	4.20	4.38	3.31	0.38	6.50	1.72	5.35	4.00	0.62
154-BKS	154R-BK	1.54	56/140	1.55	0.23	0.97	0.59	6.44	5.46	5.25	4.32	0.44	6.50	1.91	5.61	4.31	0.75
175-BKS	175R-BK	1.75	56/140	1.61	0.30	0.57	0.69	7.00	5.56	5.75	4.50	0.44	6.50	2.06	5.99	4.31	0.88
206-BKS	206R-BK	2.06	56/140	1.42	0.20	0.57	0.72	7.70	5.76	6.38	4.69	0.50	6.50	2.28	6.23	4.72	1.00
237-BKS	237R-BK	2.37	56/140	2.69	1.51	0.50	0.75	8.50	6.20	7.06	4.88	0.50	6.50	2.50	7.88	5.08	1.13
262-BKS	262R-BK	2.62	56/140 180	2.40	1.59 0.34	0.59 0.72	0.75	9.26	6.50	8.00	5.25	0.56	6.50 9.00	2.93	8.22	5.63	1.13
300-BKS	300R-BK	3.00	56/140 180	2.12	1.50 0.25	0.11 0.58	0.88	10.16	7.36	8.44	5.88	0.56	6.50 9.00	3.25	8.63	6.75	1.25
325-BKS	325R-BK	3.25	56/140 180	1.87	1.25 0	0.82 0.65	0.88	11.14	7.76	9.50	6.13	0.56	6.50 9.00	3.50	8.63	7.06	1.38
375S-BK	375R-BK	3.75	56/140 180	1.77	1.2 0.08	0.53	0.94	12.00	8.63	10.38	7.00	0.59	6.76 9.00	3.88	9.27	7.75	1.63
450S-BK	450R-BK	4.50	140 180/215	2.27	1.83 0.71	0.28	1.12	13.88	9.33	12.12	7.63	0.66	6.76 9.00	4.50	10.83	8.44	1.63
516S-BK	516R-BK	5.16	180/215	2.01	0.78	-	1.12	16.38	10.37	14.13	8.37	0.78	9.00	5.31	11.57	9.06	2.00