Dimensions (Inches) for Style "Q"

C.D.	Basic Unit★	NEMA.FrameA		B	C	D	E	F	H	J	K	L	M	N	P	R
1.00	100Q40	42CZ/48C	3.30	2.50	2.63	1.69	1.31	0.84	1.31	3.16	3.63	1.71	4.40	2.88	2.31	2.13
1.00	100Q56	56C	3.30	2.50	2.63	1.69	1.31	0.84	1.31	3.53	3.63	1.71	4.40	2.88	2.31	3.25
1.33	133Q56	56C	4.00	2.88	3.25	2.00	1.63	1.00	1.72	3.94	4.66	2.12	6.03	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	5.38	2.75	6.76	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	5.38	2.75	6.76	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	5.75	2.75	6.75	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	5.75	2.75	6.75	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	6.38	3.00	7.25	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	6.38	3.00	7.25	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	6.94	3.56	7.78	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	6.94	3.56	7.78	5.08	4.88	3.25
2.62	262Q56	56C	7.12	4.44	6.38	3.38	3.19	1.69	2.94	5.69	8.00	3.69	8.50	5.63	5.57	3.25
2.62	262Q140	143/145TC	7.12	4.44	6.38	3.38	3.19	1.69	2.94	5.69	8.00	3.69	8.50	5.63	5.57	3.25
2.62	262Q180	182/184TC	7.12	4.44	6.38	3.38	3.19	1.69	2.94	6.13	8.00	3.69	8.50	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	8.88	4.50	10.25	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	8.88	4.50	10.25	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	8.88	4.50	10.25	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	9.38	4.50	10.60	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	9.38	4.50	10.60	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	9.38	4.50	10.60	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	10.44	5.74	11.88	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	10.44	5.74	11.88	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	10.44	5.74	11.88	7.75	7.63	4.50
3.75	375Q21O	213/215TC	9.50	6.38	8.50	4.75	4.25	2.38	3.88	7.29	10.44	5.74	11.88	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	11.94	6.42	13.16	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	11.94	6.42	13.16	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	11.94	6.42	13.16	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	13.75	7.42	13.91	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	13.75	7.42	13.91	9.06	10.47	4.50
6.00	600Q180	213/215TC	14.50	8.13	12.75	6.38	6.38	3.19	6.50	9.68	6.50	8.25	15.31	10.00	12.50	4.50
6.00	600Q210	213/215TC	14.50	8.13	12.75	6.38	6.38	3.19	6.50	9.68	6.50	8.25	15.31	10.00	12.50	4.50

C.D.	N.E.M.A. Frame	T		INPUT		OUTPUT SHAFT U +.000 -.000	V	W Key		Stock Ratios marked x									Wt. Lbs.
		Size	Deep	Bore	Keyway			Sq.	Lgth.	5	10	15	20	25	30	40	50	60	
1.00	42CZ/48C	1/4-20	.44	.500	1/8 X 1/16	.500	1.25	.125	0.88	x	x	x	x	-	x	x	x	-	9.0
1.00	56C	1/4-20	.44	.625	3/16 X 3/32	.500	1.25	.125	0.88	x	x	x	x	-	x	x	-	-	9.0
1.33	56C	5/16-18	.50	.625	3/16 X 3/32	.625	2.00	.188	1.31	x	x	x	x	x	x	x	x	x	17.0
1.54	56C	5/16-18	.50	.625	3/16 X 3/32	.750	1.78	.188	1.25	x	x	x	x	x	x	x	x	x	24.0
1.54	143/145TC	5/16-18	.50	.875	3/16 X 3/32	.750	1.78	.188	1.25	x	x	x	-	-	-	-	-	-	24.0
1.75	56C	5/16-18	.61	.625	3/16 X 3/32	.875	1.88	.188	1.38	x	x	x	x	x	x	x	x	x	27.0
1.75	143/145TC	5/16-18	.61	.875	3/16 X 3/32	.875	1.88	.188	1.38	x	x	x	-	-	-	-	-	-	27.0
2.06	56C	3/8-16	.61	.625	3/16 X 3/32	1.000	2.00	.250	1.75	x	x	x	x	x	x	x	x	x	32.0
2.06	143/145TC	3/8-16	.61	.875	3/16 X 3/32	1.000	2.00	.250	1.75	x	x	x	x	x	-	-	-	-	32.0
2.37	56C	3/8-16	.60	.625	3/16 X 3/32	1.125	2.37	.250	1.75	x	x	x	x	x	x	x	x	x	38.0
2.37	143/145TC	3/8-16	.60	.875	3/16 X 3/32	1.125	2.37	.250	1.75	x	x	x	x	x	x	x	-	-	38.0
2.62	56C	3/8-16	.58	.625	3/16 X 3/32	1.125	2.50	.250	2.00	-	x	x	x	x	x	x	x	x	50.0
2.62	143/145TC	3/8-16	.58	.875	3/16 X 3/32	1.125	2.50	.250	2.00	-	x	x	x	x	x	x	x	x	50.0
2.62	182/184TC	3/8-16	.58	1.125	1/4 X 1/8	1.125	2.50	.250	2.00	x	x	-	-	-	-	-	-	-	50.0
3.00	56C	7/16-14	.80	.625	3/16 X 3/32	1.250	3.25	.250	2.25	-	-	x	x	x	x	x	x	x	68.0
3.00	143/145TC	7/16-14	.80	.875	3/16 X 3/32	1.250	3.25	.250	2.25	-	x	x	x	x	x	x	x	x	68.0
3.00	182/184TC	7/16-14	.80	1.125	1/4 X 1/8	1.250	3.25	.250	2.25	-	x	x	x	x	x	x	x	x	68.0
3.25	56C	7/16-14	.80	.625	3/16 X 3/32	1.375	3.25	.313	2.88	-	x	x	x	x	x	x	x	x	87.0
3.25	143/145TC	7/16-14	.80	.875	3/16 X 3/32	1.375	3.25	.313	2.88	-	x	x	x	x	x	x	x	x	87.0
3.25	182/184TC	7/16-14	.80	1.125	1/4 X 1/8	1.375	3.25	.313	2.88	-	x	x	x	x	x	x	x	x	87.0
3.75	56C	1/2-13	1.00	.625	3/16 X 3/32	1.625	3.50	.375	2.81	-	-	-	-	-	-	x	x	x	120.0
3.75	143/145TC	1/2-13	1.00	.875	3/16 X 3/32	1.625	3.50	.375	2.81	-	x	x	x	x	x	x	x	x	120.0
3.75	182/184TC	1/2-13	1.00	1.125	1/4 X 1/8	1.625	3.50	.375	2.81	-	x	x	x	x	x	x	x	-	120.0
3.75	213/215TC	1/2-13	1.00	1.375	5/16 X 5/32	1.625	3.50	.375	2.81	-	x	x	-	-	-	-	-	-	120.0
4.50	143/145TC	5/8-11	1.00	.875	3/16 X 3/32	1.625	3.88	.375	2.50	-	-	-	-	-	-	x	x	x	170.0
4.50	182/184TC	5/8-11	1.00	1.125	1/4 X 1/8 1	1.625	3.38	.375	2.50	-	-	x	x	x	x	x	x	x	170.0
4.50	213/215TC	5/8-11	1.00	1.375	5/16X5/32	1.625	3.38	.375	2.50	-	x	x	x	x	-	-	-	-	170.0
5.16	182/184TC	5/8-11	1.00	1.125	1/4 X 1/8	2.000	4.16	.500	2.81	-	-	-	-	-	-	x	x	x	221.0
5.16	213/215TC	5/8-11	1.00	1.375	5/16 X 5/32	2.000	4.16	.500	2.81	-	x	x	x	x	x	-	-	-	221.0
6.00	182/184TC	5/8-11	1.00	1.375	5/16 X 5/32	2.250	4.56	.500	3.50	-	-	-	x	x	x	x	x	x	270.0
6.00	213/215TC	5/8-11	1.00	1.375	5/16 X 5/32	2.250	4.56	.500	3.50	-	-	-	-	x	x	x	x	x	270.0

Dimensions (Inches) for Style "QT" - Worm Top

Components♦		AB	BB	CB	DB	EB	FB	G	HB	KB	MB	PB	TB	Wt. Lbs.
Ref. No.	Standard Base Kit A▲													
100Q	100S-BK	4.37	3.50	3.75	2.88	1.88	1.44	.38	1.75	4.07	4.63	2.75	.344	9.5
133Q	133S-BK	5.38	4.19	4.38	3.31	2.19	1.66	.47	2.25	5.19	6.09	3.58	.344	17.5
154Q	154S-BK	6.44	5.44	5.25	4.31	2.63	2.16	.59	2.50	5.97	7.03	4.04	.406	24.8
175Q	175S-BK	7.00	5.56	5.75	4.50	2.88	2.25	.69	2.75	6.44	7.09	4.50	.406	28.0
206Q	206S-BK	7.69	5.76	6.38	4.69	3.19	2.34	.72	3.00	7.09	7.57	5.06	.469	33.5
237Q	237S-BK	8.50	6.19	7.06	4.88	3.53	2.44	.75	3.25	7.69	8.18	5.62	.469	39.8
262Q	262S-BK	9.25	6.50	8.00	5.25	4.00	2.63	.75	3.69	8.75	8.88	6.31	.531	52.0
300Q	300S-BK	10.17	7.38	8.44	5.88	4.22	2.94	.88	4.13	9.75	10.44	7.13	.531	70.5
325Q	325S-BK	11.12	7.75	9.50	6.13	4.75	3.06	.88	4.38	10.25	10.94	7.63	.531	90.0
375Q	375S-BK	12.00	8.63	10.38	7.00	5.19	3.50	.94	4.81	11.38	12.06	8.56	.594	130.0
450Q	450S-BK	13.88	9.31	12.13	7.63	6.06	3.81	1.13	5.63	13.06	13.13	10.19	.656	187.0
516Q	516S-BK	16.38	10.38	14.13	8.38	7.06	4.19	1.13	6.44	14.88	14.25	11.60	.781	247.0
600Q	600S-BK	19.00	12.00	16.50	9.50	8.25	4.75	1.25	7.75	17.75	16.00	13.75	.906	313.0

Dimensions (Inches) for Style "QB"

Components♦		HC	PC
Ref. No.	Base Kits Standard		
100Q	100S-BK	1.75	2.75
133Q	133S-BK	2.14	3.47
154Q	154S-BK	2.50	4.04
175Q	175S-BK	2.63	4.38
206Q	206S-BK	2.75	4.81
237Q	237S-BK	2.81	5.19
262Q	262S-BK	3.19	5.81
300Q	300S-BK	3.50	6.50
325Q	325S-BK	3.50	6.75
375Q	375S-BK	3.75	7.50
450Q	450S-BK	4.06	8.63
516Q	516S-BK	4.40	9.56
600Q	600S-BK	5.25	11.25

Fan Kit

Basic Unit★	Fan Kit	AA		Wt. Lbs.
		Tap	Deep	
375Q	375 FAN	3/8/24	3/4	2.8
450Q	450 FAN	3/8/24	3/4	2.8
516Q	516 FAN	3/8/24	3/4	2.8
600Q	600 FAN	3/8/24	3/4	4.2

★ To complete Part No. add shaft assembly (L, R, LR) and ratio symbol to size - for example 133Q56LR10.

◆ Components needed to make assembled reducer must be ordered separately. If Fan Kit is required, see the table to left.

▲ Select either Standard Base Kit (S-BK) or Econo Base Kit (E-BK) or Solid Base Kit (BKS); base kits are shown on page 220.
Consult factory for ratios not shown as standard.