

Dimensional Data

Optional Output Flanges

For “F” Round Output Flange Units Only

(Note: optional flanges are not available on all sizes)

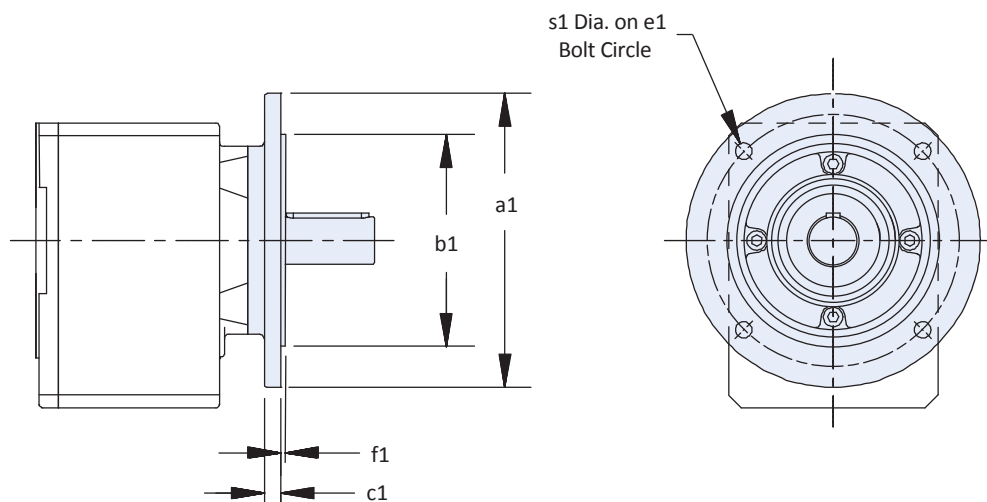


Table 1 Flange Dimensions (Inches) – Standard and Optional

Base Module	Flange Size	a1	b1	c1	e1	f1	s1
C0	120	4.724	3.150				
	140	5.512	3.740	+0.001/-0.0004	0.39	4.53	0.12
	160*	6.300	4.331			5.12	0.35
C1	140	5.512	3.740		0.32	4.53	0.35
	160	6.300	4.331	+0.001/-0.0004	0.39	5.12	0.14
	200*	7.874	5.118		0.47	6.50	0.43
C2	160	6.300	4.331		0.39	5.12	0.14
	200*	7.874	5.118	+0.001/-0.0004	0.47	6.50	0.14
	250	9.843	7.087		0.47	8.46	0.16
C3	160	6.300	4.331		0.39	5.12	0.14
	200	7.874	5.118	+0.001/-0.0004	0.47	6.50	0.14
	250*	9.843	7.087		0.47	8.46	0.16
C4	200	7.874	5.118	+0.001/-0.0004		6.50	0.43
	250*	9.843	7.087	+0.001/-0.0004	0.55	8.46	0.16
	300	11.811	9.055	+0.001/-0.001		10.43	0.55
C5	250	9.843	7.087	+0.001/-0.0004	0.55	8.46	0.16
	300*	11.811	9.055	+0.001/-0.001	0.63	10.43	0.55
C6	300*	11.811	9.055	+0.001/-0.001	0.67	10.43	0.16
C7	350*	13.780	9.842	+0.000/-0.001	0.71	11.81	0.20
C8	350	13.780	9.842		0.71	11.81	
	400*	15.748	11.811	+0.000/-0.001	0.79	13.78	0.20
	450	17.717	13.780		0.79	15.75	
C9	450*	17.717	13.780	+0.000/-0.001	0.91	15.75	0.20

* This is the standard flange and will be shipped unless otherwise specified. Optional flanges are not available for all sizes.

Please contact STÖBER for ordering assistance.

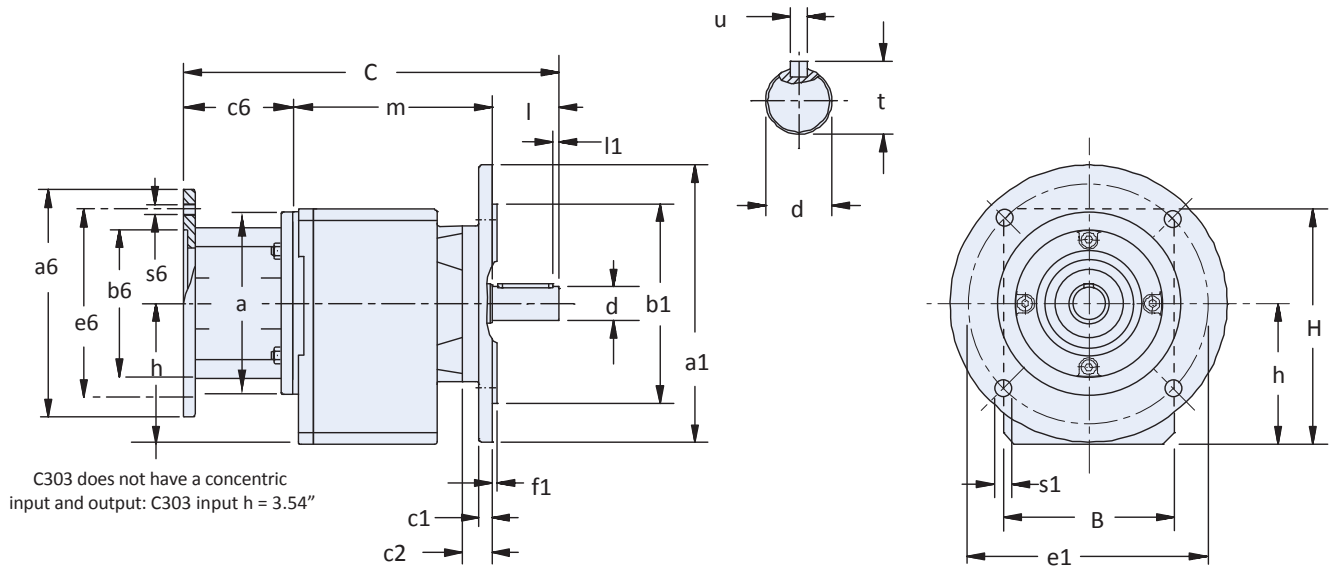
C Series: INLINE — Solid Shaft Output

C Series: INLINE — Solid Shaft Output

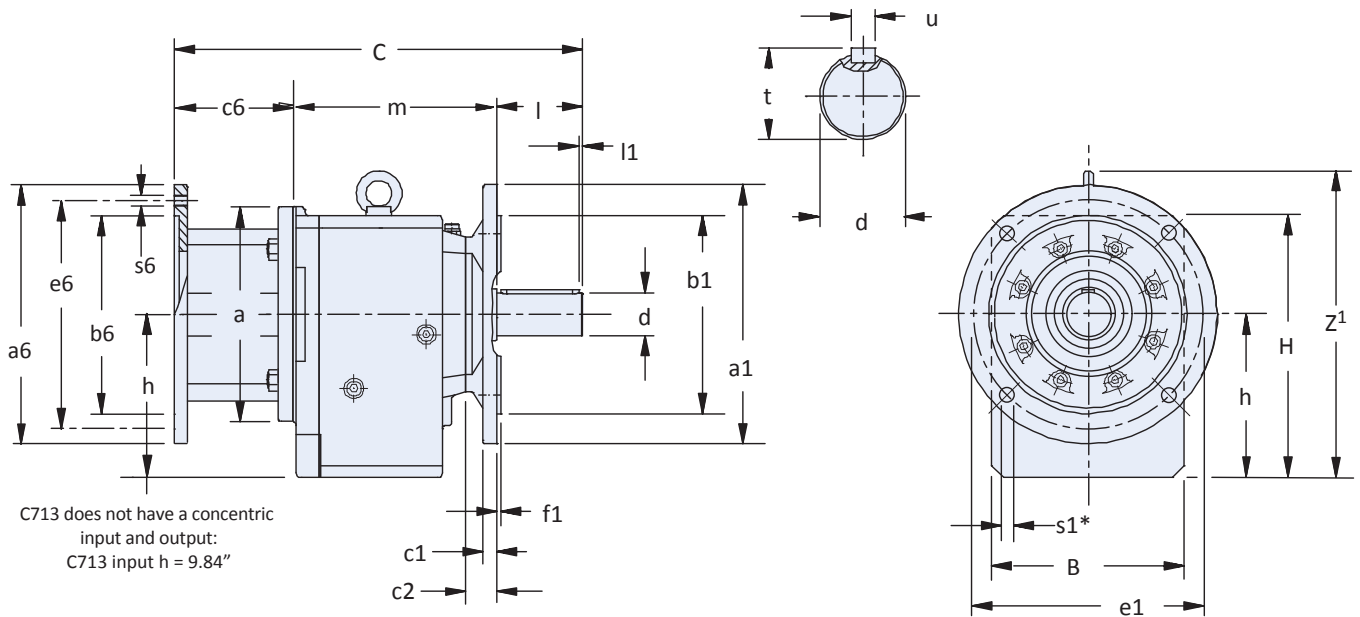
"F" Round Output Flange —

C002F thru C503F

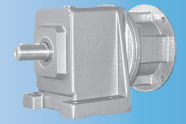
Optional Output Flanges available on most models, see page 121 for details.



C612F thru C913F



* NOTE: Instead of 4 holes as shown in the drawing, the C912 and C913 output flange has 8 \varnothing "s1" mounting holes on "e1" bolt circle (located 22.5° from horizontal).



Dimensional Data

Table 1 C Series Unit Dimensions (Inches) – “F” Round Flange Housing

Base Module	a1*	B	b1	c1	c2	e1	f1	H	h	l	l1	s1	z ¹
C0	6.30	3.82	4.331	0.39	0.71	5.12	0.12	5.55	3.11	1.57	0.16	0.35	—
C1	7.87	5.12	5.118	0.47	0.83	6.50	0.14	6.89	3.94	1.97	0.16	0.43	—
C2	7.87	5.59	5.118	0.47	1.06	6.50	0.14	7.56	4.41	2.36	0.16	0.43	—
C3	9.84	6.06	7.087	0.47	1.06	8.46	0.16	8.35	5.00 ¹⁾	2.36	0.16	0.55	—
C4	9.84	7.01	7.087	0.55	1.10	8.46	0.16	9.55	5.61	3.15	0.16	0.55	—
C5	11.81	7.68	9.055	0.63	1.14	10.43	0.16	11.26	6.54	3.15	0.16	0.55	—
C6	11.81	8.86	9.055	0.67	1.42	10.43	0.16	11.97	7.44	3.94	0.20	0.55	14.01
C7	13.78	10.43	9.842	0.71	1.73	11.81	0.20	14.61	9.09 ¹⁾	4.72	0.20	0.71	17.00
C8	15.75	12.20	11.811	0.79	1.77	13.78	0.20	17.52	11.22	5.51	0.39	0.71	19.92
C9	17.72	14.37	13.780	0.91	1.97	15.75 ²⁾	0.20	20.63	13.15	6.69	0.39	0.71 ²⁾	23.39

* See page 121 for other available output flanges.

1) C303 and C713 do not have a concentric input and output. Refer to the h input height dimension on the drawing for these units.

2) C912 and C913 have 8 mounting holes in the output flange instead of 4 as shown in the drawing.

Table 2 C Series — Shaft Output (Carbon Steel)

(see page 90 for standard SS, and other optional outputs)

Base Module	Standard Shaft - inches			Optional Shaft - mm		
	d	t	u	d	t	u
C0	3/4	0.83	3/16x3/16x1-7/32	20k6	22.5	A6x6x32
C1	1	1.11	1/4x1/4x1-9/16	25k6	28	A8x7x40
C2	1-1/4	1.36	1/4x1/4x1-15/16	30k6	33	A8x7x50
C3	1-1/4	1.36	1/4x1/4x1-15/16	30k6	33	A8x7x50
C4	1-5/8	1.79	3/8x3/8x2-7/8	40k6	43	A12x8x70
C5	1-5/8	1.79	3/8x3/8x2-7/8	40k6	43	A12x8x70
C6	2-1/8	2.35	1/2x1/2x3-5/32	50k6	53.5	A14x9x90
C7	2-3/8	2.65	5/8x5/8x3-15/16	60m6	64	A18x11x100
C8	2-7/8	3.21	3/4x3/4x4-5/16	70m6	74.5	A20x12x125
C9	3-5/8	4.01	7/8x7/8x5-1/2	90m6	95	A25x14x140

Table 3 Motor Adapter Dimensions (Inches)

Motor Adapter	NEMA C-Flange	a	a6	b6	c6	e6	s6	Wt. lbs
MR140/050	56C	5.51	6.50	4.500	3.31	5.87	0.41	9
MR160/050	56C	6.30	6.50	4.500	3.86	5.87	0.41	16
MR160/140	143/145TC	7.87	9.00	8.500	4.80	7.25	0.55	23
MR200/180	182/184TC	9.84	9.00	8.500	5.31	7.25	0.55	36
MR250/180	182/184TC	11.81	9.00	8.500	6.50	7.25	0.57	75
MR250/210	213/215TC		9.00	8.500		7.25		
MR300/180	182/184TC	13.78	9.00	8.500	10.500	7.25	0.70	133
MR300/210	213/215TC		9.00	8.500		7.25		
MR300/250	254/256TC		9.00	8.500		7.25		
MR300/280	284/286TC	11.13	10.500	9.00				
MR350/320	324/326TC	13.78	13.37	12.500	7.09	11.00	0.70	133
MR350/360	364/365TC	13.37	12.500	7.09	11.00	0.70		

Table 4 C Series Unit Dimensions (Inches) – “MR” Motor Adapter

Base Module	MR140/050			MR160/050 MR160/140			MR200/180			MR250/180 MR250/210			MR300/180 MR300/210 MR300/250 MR300/280			MR350/320 MR350/360			Wt. lbs*
	C	l	m	C	l	m	C	l	m	C	l	m	C	l	m	C	l	m	
C002	9.37	1.57	4.49	10.08	1.57	4.65	—	—	—	—	—	—	—	—	—	—	—	—	18
C102	10.67	1.97	5.39	11.38	1.97	5.55	12.40	1.97	5.63	—	—	—	—	—	—	—	—	—	29
C103	12.13	1.97	6.85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	34
C202	11.77	2.36	6.10	12.48	2.36	6.26	13.50	2.36	6.34	—	—	—	—	—	—	—	—	—	38
C203	13.23	2.36	7.56	14.17	2.36	7.95	—	—	—	—	—	—	—	—	—	—	—	—	45
C302	—	—	—	13.23	2.36	7.01	14.25	2.36	7.09	14.88	2.36	7.21	—	—	—	—	—	—	49
C303	13.98	2.36	8.31	14.92	2.36	8.70	—	—	—	—	—	—	—	—	—	—	—	—	56
C402	—	—	—	15.12	3.15	8.11	16.14	3.15	8.19	16.77	3.15	8.31	—	—	—	—	—	—	71
C403	—	—	—	16.81	3.15	9.80	—	—	—	—	—	—	—	—	—	—	—	—	78
C502	—	—	—	15.95	3.15	8.94	16.97	3.15	9.02	17.59	3.15	9.13	19.33	3.15	9.68	—	—	—	95
C503	—	—	—	17.64	3.15	10.63	—	—	—	—	—	—	—	—	—	—	—	—	111
C612	—	—	—	—	—	—	17.91	3.94	9.17	18.54	3.94	9.29	20.24	3.94	9.80	—	—	—	115
C613	—	—	—	18.62	3.94	10.82	20.35	3.94	11.61	—	—	—	—	—	—	—	—	—	159
C712	—	—	—	—	—	—	20.00	4.72	10.48	20.59	4.72	10.56	22.29	4.72	11.07	—	—	—	199
C713	—	—	—	—	—	—	22.40	4.72	12.88	23.38	4.72	13.35	—	—	—	—	—	—	221
C812	—	—	—	—	—	—	—	—	—	23.22	5.51	12.40	24.53	5.51	12.52	26.42	5.51	13.82	322
C813	—	—	—	—	—	—	25.04	5.51	14.73	26.02	5.51	15.20	—	—	—	—	—	—	342
C912	—	—	—	—	—	—	—	—	—	—	—	—	27.56	6.69	14.37	29.06	6.69	15.28	596
C913	—	—	—	—	—	—	—	—	—	27.87	6.69	15.87	—	—	—	—	—	—	678

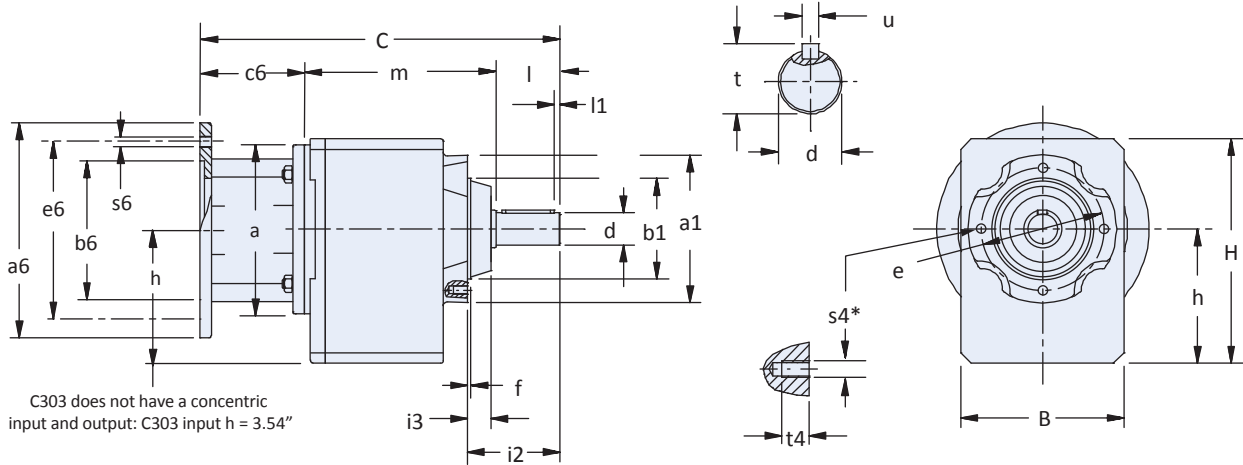
* Weight is base unit only. MR weight must be added separately.

C Series: INLINE — Solid Shaft Output

C Series: INLINE — Solid Shaft Output

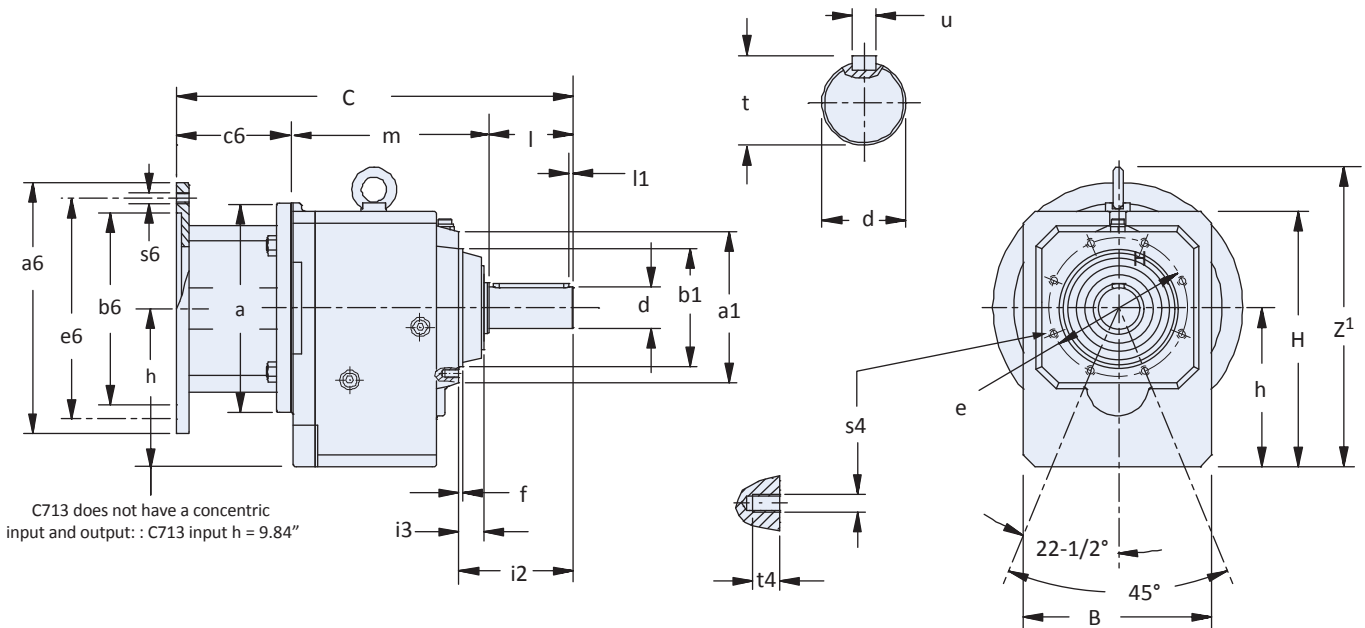
“G” Pilot Circle Diameter (PCD) Tapped Holes —

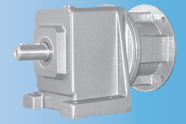
C002G thru C503G



* NOTE: Instead of 4 holes as shown in the drawing, the C502/C503 has 8 holes located as shown in drawing below for C612G – C913G.

C612G thru C913G





Dimensional Data

Table 1 C Series Unit Dimensions (Inches) – “G” Pilot Circle Diameter (PCD) Tapped Holes

Base Module	a1	B	b1	e	f	H	h	i2	i3	l	l1	t4	s4	Z1
C0	3.43	3.82	2.165	2.95	0.12	5.55	3.11	2.28	0.55	1.57	0.16	0.39	M6x1	—
C1	4.72	5.12	3.150	3.94	0.12	6.89	3.94	2.80	0.67	1.97	0.16	0.51	M6x1	—
C2	5.51	5.59	3.740	4.53	0.12	7.56	4.41	3.43	0.87	2.36	0.16	0.51	M8x1.25	—
C3	5.51	6.06	3.740	4.53	0.12	8.35	5.00 ¹⁾	3.43	0.87	2.36	0.16	0.51	M8x1.25	—
C4	6.30	7.01	4.331	5.12	0.14	9.55	5.61	4.25	0.87	3.15	0.16	0.63	M10x1.5	—
C5	7.56	7.68	5.118	6.50 ²⁾	0.14	11.26	6.54	4.29	0.91	3.15	0.16	0.63	M10x1.5	—
C6	7.09	8.86	5.512	6.50	0.20	11.97	7.44	5.35	1.18	3.94	0.20	0.63	M10x1.5	14.01
C7	7.68	10.43	6.102	7.28	0.31	14.61	9.09 ¹⁾	6.46	1.46	4.72	0.20	0.75	M12x1.75	17.00
C8	8.90	12.20	7.283	8.46	0.20	17.52	11.22	7.28	1.46	5.51	0.39	0.75	M12x1.75	19.92
C9	11.02	14.37	9.055	10.43	0.20	20.63	13.15	8.66	1.65	6.69	0.39	1.02	M16x2	23.39

1) C303 and C713 do not have a concentric input and output. Refer to the h input height dimension on the drawing for these units.
 2) C502 and C503 have 8 mounting holes in the output flange instead of 4 as shown in the drawing.

Table 2 C Series — Shaft Output (Carbon Steel)

(see page 90 for standard SS, and other optional outputs)

Base Module	Standard Shaft - inches			Optional Shaft - mm		
	d	t	u	d	t	u
C0	3/4	0.83	3/16x3/16x1-7/32	20k6	22.5	A6x6x32
C1	1	1.11	1/4x1/4x1-9/16	25k6	28	A8x7x40
C2	1-1/4	1.36	1/4x1/4x1-15/16	30k6	33	A8x7x50
C3	1-1/4	1.36	1/4x1/4x1-15/16	30k6	33	A8x7x50
C4	1-5/8	1.79	3/8x3/8x2-7/8	40k6	43	A12x8x70
C5	1-5/8	1.79	3/8x3/8x2-7/8	40k6	43	A12x8x70
C6	2-1/8	2.35	1/2x1/2x3-5/32	50k6	53.5	A14x9x90
C7	2-3/8	2.65	5/8x5/8x3-15/16	60m6	64	A18x11x100
C8	2-7/8	3.21	3/4x3/4x4-5/16	70m6	74.5	A20x12x125
C9	3-5/8	4.01	7/8x7/8x5-1/2	90m6	95	A25x14x140

Table 3 Motor Adapter Dimensions (Inches)

Motor Adapter	NEMA C-Flange	a	a6	b6	c6	e6	s6	Wt. lbs
MR140/050	56C	5.51	6.50	4.500	3.31	5.87	0.41	9
MR160/050	56C	6.30	6.50	4.500	3.86	5.87	0.41	16
MR160/140	143/145TC	7.87	9.00	8.500	4.80	7.25	0.55	23
MR200/180	182/184TC	9.84	9.00	8.500	5.31	7.25	0.55	36
MR250/210	213/215TC	11.81	9.00	8.500	6.50	7.25	0.57	75
MR300/180	182/184TC	11.81	9.00	8.500	6.50	7.25	0.57	75
MR300/210	213/215TC	11.81	9.00	8.500	6.50	7.25	0.57	75
MR300/250	254/256TC	11.13	10.500	9.00	7.25	9.00	0.70	133
MR300/280	284/286TC	13.78	13.37	12.500	7.09	11.00	0.70	133
MR350/320	324/326TC	13.78	13.37	12.500	7.09	11.00	0.70	133
MR350/360	364/365TC	13.78	13.37	12.500	7.09	11.00	0.70	133

Table 4 C Series Unit Dimensions (Inches) – “MR” Motor Adapter

Base Module	MR140/050			MR160/050 MR160/140			MR200/180			MR250/180 MR250/210			MR300/180 MR300/210 MR300/250 MR300/280			MR350/320 MR350/360			Wt. lbs*
	C	l	m	C	l	m	C	l	m	C	l	m	C	l	m	C	l	m	
C002	9.37	1.57	4.49	10.08	1.57	4.65	—	—	—	—	—	—	—	—	—	—	—	—	18
C102	10.67	1.97	5.39	11.38	1.97	5.55	12.40	1.97	5.63	—	—	—	—	—	—	—	—	—	29
C103	12.13	1.97	6.85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	34
C202	11.77	2.36	6.10	12.48	2.36	6.26	13.50	2.36	6.34	—	—	—	—	—	—	—	—	—	38
C203	13.23	2.36	7.56	14.17	2.36	7.95	—	—	—	—	—	—	—	—	—	—	—	—	45
C302	—	—	—	13.23	2.36	7.01	14.25	2.36	7.09	14.88	2.36	7.21	—	—	—	—	—	—	49
C303	13.98	2.36	8.31	14.92	2.36	8.70	—	—	—	—	—	—	—	—	—	—	—	—	56
C402	—	—	—	15.12	3.15	8.11	16.14	3.15	8.19	16.77	3.15	8.31	—	—	—	—	—	—	71
C403	—	—	—	16.81	3.15	9.80	—	—	—	—	—	—	—	—	—	—	—	—	78
C502	—	—	—	15.95	3.15	8.94	16.97	3.15	9.02	17.59	3.15	9.13	19.33	3.15	9.68	—	—	—	95
C503	—	—	—	17.64	3.15	10.63	—	—	—	—	—	—	—	—	—	—	—	—	111
C612	—	—	—	—	—	—	17.91	3.94	9.17	18.54	3.94	9.29	20.24	3.94	9.80	—	—	—	115
C613	—	—	—	18.62	3.94	10.82	20.35	3.94	11.61	—	—	—	—	—	—	—	—	—	159
C712	—	—	—	—	—	—	20.00	4.72	10.48	20.59	4.72	10.56	22.29	4.72	11.07	—	—	—	199
C713	—	—	—	—	—	—	22.40	4.72	12.88	23.38	4.72	13.35	—	—	—	—	—	—	221
C812	—	—	—	—	—	—	—	—	—	23.22	5.51	12.40	24.53	5.51	12.52	26.42	5.51	13.82	322
C813	—	—	—	—	—	—	25.04	5.51	14.73	26.02	5.51	15.20	—	—	—	—	—	—	342
C912	—	—	—	—	—	—	—	—	—	—	—	—	27.56	6.69	14.37	29.06	6.69	15.28	596
C913	—	—	—	—	—	—	—	—	—	27.87	6.69	15.87	—	—	—	—	—	—	678

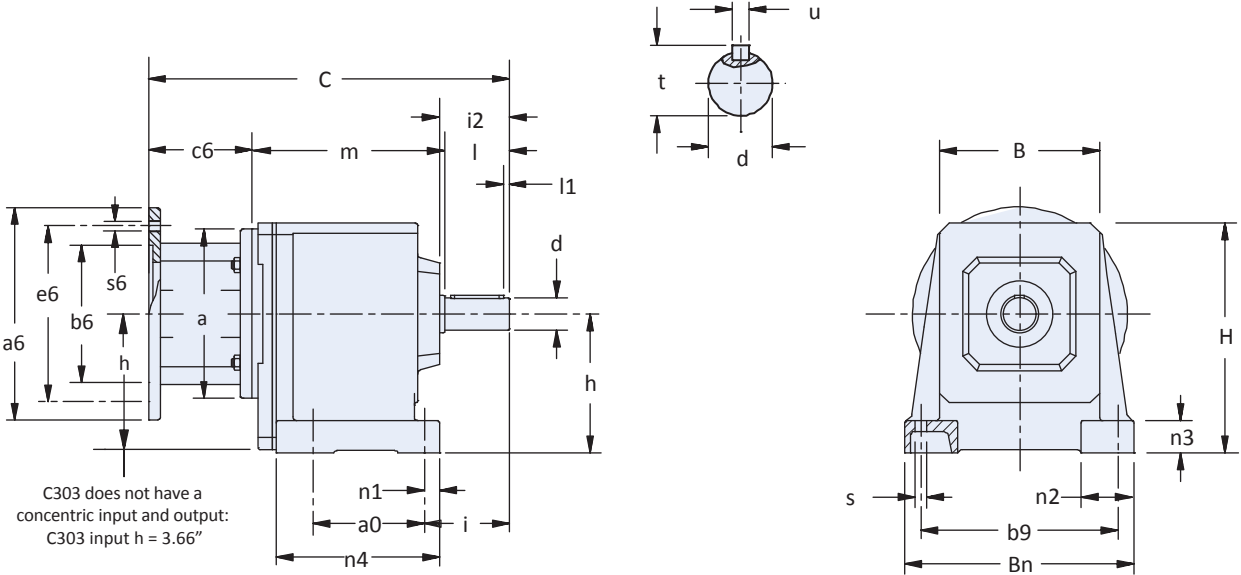
* Weight is base unit only. MR weight must be added separately.

C Series: INLINE — Solid Shaft Output

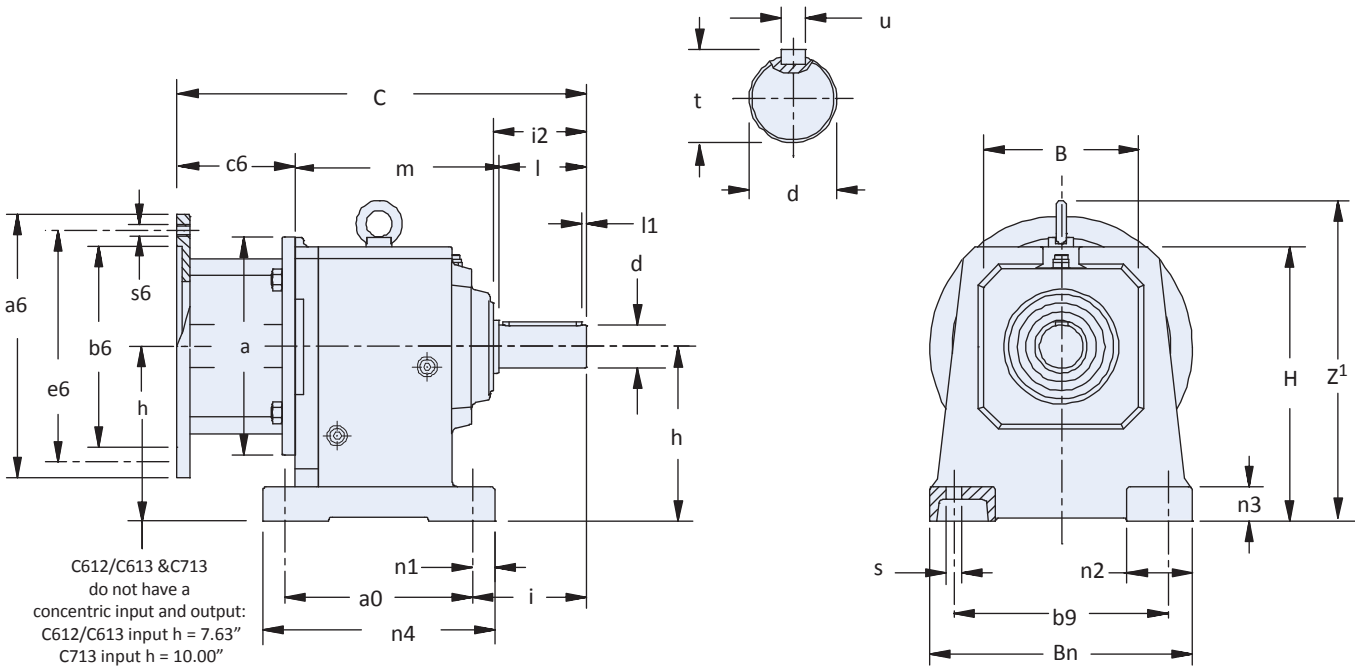
C Series: INLINE — Solid Shaft Output

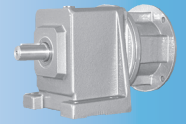
“N” Foot Mount —

C002N thru C503N



C612N thru C913N





Dimensional Data

Table 1 C Series Unit Dimensions (Inches) – “N” Foot Mount Housing

Base Module	a0	B	Bn	b9	H	h	i	i2	l	l1	n1	n2	n3	n4	s	Z1
C0	2.44	3.62	5.20	4.33	5.67	3.23	2.17	1.73	1.57	0.16	0.43	1.38	0.79	3.74	0.28	—
C1	2.76	4.88	6.93	5.91	6.97	4.02	2.64	2.13	1.97	0.16	0.51	1.65	0.98	4.65	0.35	—
C2	3.35	5.43	7.87	6.69	7.68	4.53	3.11	2.56	2.36	0.16	0.55	1.97	1.18	5.31	0.43	—
C3	4.13	5.91	8.46	7.28	8.46	5.12 ¹⁾	3.11	2.56	2.36	0.16	0.55	1.97	1.18	6.06	0.43	—
C4	4.33	6.89	10.04	8.66	9.65	5.71	4.13	3.39	3.15	0.16	0.75	2.36	1.38	7.09	0.55	—
C5	5.12	7.56	11.42	9.65	11.42	6.69	4.25	3.39	3.15	0.16	0.87	2.76	1.57	7.76	0.71	—
C6	8.46	6.97	11.81	9.65	12.40	7.87 ¹⁾	5.12	4.17	3.94	0.20	0.98	2.95	1.57	10.43	0.71	14.44
C7	9.25	7.56	14.37	11.81	14.76	9.25 ¹⁾	6.42	5.00	4.72	0.20	0.98	3.54	1.97	11.22	0.71	17.16
C8	11.81	8.78	17.13	13.39	17.72	11.42	7.48	5.83	5.51	0.39	1.14	3.74	2.17	14.17	0.87	20.12
C9	13.39	10.91	20.08	15.75	20.87	13.39	8.74	7.01	6.69	0.39	1.34	4.33	2.36	16.14	1.02	23.63

1) C303, C612/C613 and C713 do not have a concentric input and output. Refer to the h input height dimension on the drawing for these units.

Table 2 C Series — Shaft Output (Carbon Steel)

(see page 90 for standard SS, and other optional outputs)

Base Module	Standard Shaft - inches			Optional Shaft - mm		
	d	t	u	d	t	u
C0	3/4	0.83	3/16x3/16x1-7/32	20k6	22.5	A6x6x32
C1	1	1.11	1/4x1/4x1-9/16	25k6	28	A8x7x40
C2	1-1/4	1.36	1/4x1/4x1-15/16	30k6	33	A8x7x50
C3	1-1/4	1.36	1/4x1/4x1-15/16	30k6	33	A8x7x50
C4	1-5/8	1.79	3/8x3/8x2-7/8	40k6	43	A12x8x70
C5	1-5/8	1.79	3/8x3/8x2-7/8	40k6	43	A12x8x70
C6	2-1/8	2.35	1/2x1/2x3-5/32	50k6	53.5	A14x9x90
C7	2-3/8	2.65	5/8x5/8x3-15/16	60m6	64	A18x11x100
C8	2-7/8	3.21	3/4x3/4x4-5/16	70m6	74.5	A20x12x125
C9	3-5/8	4.01	7/8x7/8x5-1/2	90m6	95	A25x14x140

Table 3 Motor Adapter Dimensions (Inches)

Motor Adapter	NEMA C-Flange	a	a6	b6	c6	e6	s6	Wt. lbs
MR140/050	56C	5.51	6.50	4.500	3.31	5.87	0.41	9
MR160/050	56C	6.30	6.50	4.500	3.86	5.87	0.41	16
MR160/140	143/145TC	7.87	9.00	8.500	4.80	7.25	0.55	23
MR200/180	182/184TC	9.84	9.00	8.500	5.31	7.25	0.55	36
MR250/180	182/184TC	11.81	9.00	8.500	6.50	7.25	0.57	75
MR250/210	213/215TC		9.00	8.500		7.25		
MR300/180	182/184TC	13.78	9.00	8.500	11.13	7.25	0.70	133
MR300/210	213/215TC		9.00	8.500		7.25		
MR300/250	254/256TC		9.00	8.500		7.25		
MR300/280	284/286TC	13.37	11.13	10.500	7.09	9.00	0.70	133
MR350/320	324/326TC		13.78	13.37		12.500		
MR350/360	364/365TC	13.78	13.37	12.500	7.09	11.00	0.70	133

Table 4 C Series Unit Dimensions (Inches) – “MR” Motor Adapter

Base Module	MR140/050			MR160/050 MR160/140			MR200/180			MR250/180 MR250/210			MR300/180 MR300/210 MR300/250 MR300/280			MR350/320 MR350/360			Wt. lbs* ^a
	C	l	m	C	l	m	C	l	m	C	l	m	C	l	m	C	l	m	
C002	9.37	1.57	4.49	10.08	1.57	4.65	—	—	—	—	—	—	—	—	—	—	—	—	18
C102	10.67	1.97	5.39	11.38	1.97	5.55	12.40	1.97	5.63	—	—	—	—	—	—	—	—	—	29
C103	12.13	1.97	6.85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	34
C202	11.77	2.36	6.10	12.48	2.36	6.26	13.50	2.36	6.34	—	—	—	—	—	—	—	—	—	38
C203	13.23	2.36	7.56	14.17	2.36	7.95	—	—	—	—	—	—	—	—	—	—	—	—	45
C302	—	—	—	13.23	2.36	7.01	14.25	2.36	7.09	14.88	2.36	7.21	—	—	—	—	—	—	49
C303	13.98	2.36	8.31	14.92	2.36	8.70	—	—	—	—	—	—	—	—	—	—	—	—	56
C402	—	—	—	15.12	3.15	8.11	16.14	3.15	8.19	16.77	3.15	8.31	—	—	—	—	—	—	71
C403	—	—	—	16.81	3.15	9.80	—	—	—	—	—	—	—	—	—	—	—	—	78
C502	—	—	—	15.95	3.15	8.94	16.97	3.15	9.02	17.59	3.15	9.13	19.33	3.15	9.68	—	—	—	95
C503	—	—	—	17.64	3.15	10.63	—	—	—	—	—	—	—	—	—	—	—	—	111
C612	—	—	—	—	—	—	17.91	3.94	9.17	18.54	3.94	9.29	20.24	3.94	9.80	—	—	—	115
C613	—	—	—	18.62	3.94	10.82	20.35	3.94	11.61	—	—	—	—	—	—	—	—	—	159
C712	—	—	—	—	—	—	20.00	4.72	10.48	20.59	4.72	10.56	22.29	4.72	11.07	—	—	—	199
C713	—	—	—	—	—	—	22.40	4.72	12.88	23.38	4.72	13.35	—	—	—	—	—	—	221
C812	—	—	—	—	—	—	—	—	—	23.22	5.51	12.40	24.53	5.51	12.52	26.42	5.51	13.82	322
C813	—	—	—	—	—	—	25.04	5.51	14.73	26.02	5.51	15.20	—	—	—	—	—	—	342
C912	—	—	—	—	—	—	—	—	—	—	—	—	27.56	6.69	14.37	29.06	6.69	15.28	596
C913	—	—	—	—	—	—	—	—	—	27.87	6.69	15.87	—	—	—	—	—	—	678

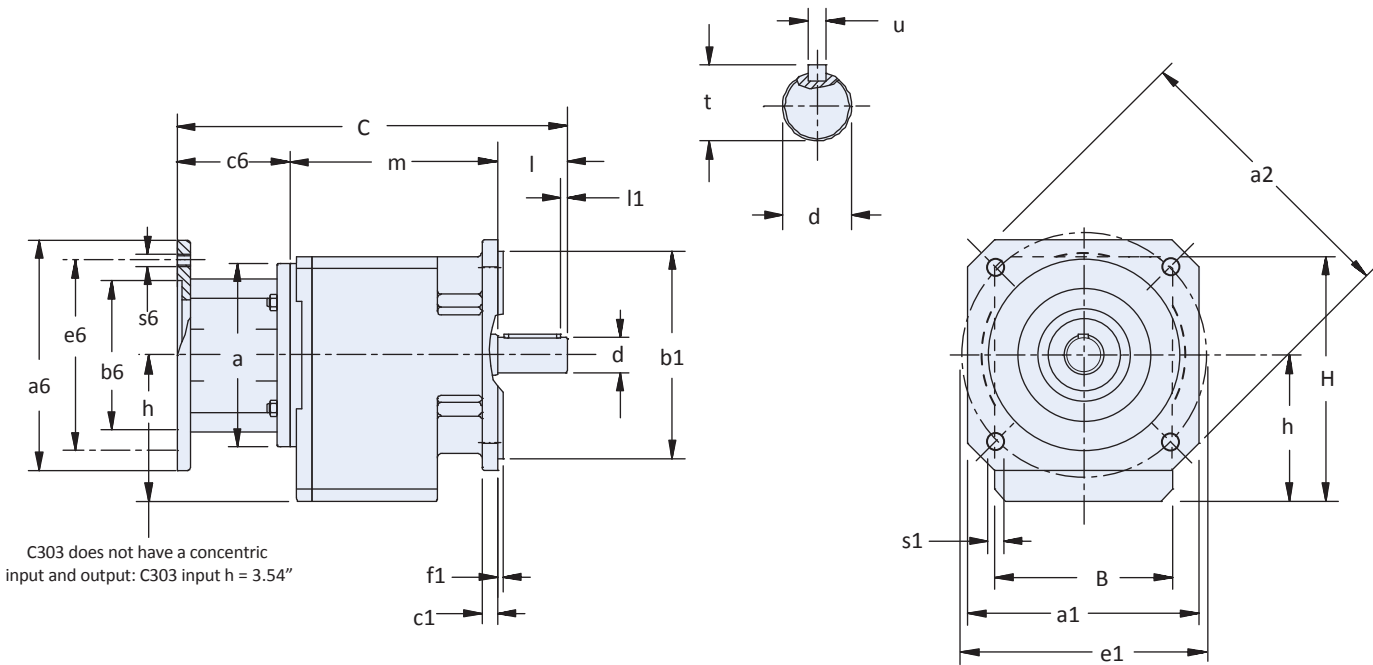
* Weight is base unit only. MR weight must be added separately.

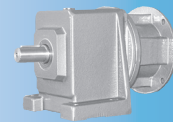
C Series: INLINE — Solid Shaft Output

C Series: INLINE — Solid Shaft Output

"Q" Square Output Flange

C002Q thru C403Q





Dimensional Data

Table 1 C Series Unit Dimensions (Inches) – “Q” Square Flange Housing

Base Module	a1	a2	B	b1	c1	e1	f1	H	h	l	l1	s1
C0	4.88	6.30	3.82	4.33	0.35	5.12	0.14	5.55	3.11	1.57	0.16	0.35
C1	5.71	7.56	5.12	5.12	0.43	6.50	0.14	6.89	3.94	1.97	0.16	0.43
C2	5.71	7.56	5.59	5.12	0.43	6.50	0.14	7.56	4.41	2.36	0.16	0.43
C3	7.87	9.84	6.06	7.09	0.55	8.46	0.16	8.35	5.00 ¹⁾	2.36	0.16	0.55
C4	7.87	9.84	7.01	7.09	0.55	8.46	0.16	9.55	5.61	3.15	0.16	0.55

1) C303 does not have a concentric input and output. Refer to the h input height dimension on the drawing for these units.

Table 2 C Series — Shaft Output (Carbon Steel)

(see page 90 for standard SS, and other optional outputs)

Base Module	Standard Shaft - inches			Optional Shaft - mm		
	d	t	u	d	t	u
C0	3/4	0.83	3/16x3/16x1-7/32	20k6	22.5	A6x6x32
C1	1	1.11	1/4x1/4x1-9/16	25k6	28	A8x7x40
C2	1-1/4	1.36	1/4x1/4x1-15/16	30k6	33	A8x7x50
C3	1-1/4	1.36	1/4x1/4x1-15/16	30k6	33	A8x7x50
C4	1-5/8	1.79	3/8x3/8x2-7/8	40k6	43	A12x8x70

Table 3 Motor Adapter Dimensions (Inches)

Motor Adapter	NEMA C-Flange	a	a6	b6	c6	e6	s6	Wt. lbs
MR140/050	56C	5.51	6.50	4.500	3.31	5.87	0.41	9
MR160/050	56C	6.30	6.50	4.500	3.86	5.87	0.41	16
MR160/140	143/145TC	6.30	6.50	4.500	3.86	5.87	0.41	16
MR200/180	182/184TC	7.87	9.00	8.500	4.80	7.25	0.55	23
MR250/180	182/184TC	9.84	9.00	8.500	5.31	7.25	0.55	36
MR250/210	213/215TC	9.84	9.00	8.500	5.31	7.25	0.55	36

Table 4 C Series Unit Dimensions (Inches) – “MR” Motor Adapter

Base Module	MR140/050			MR160/050 MR160/140			MR200/180			MR250/180 MR250/210			Wt. lbs*
	C	l	m	C	l	m	C	l	m	C	l	m	
C002	9.37	1.57	4.49	10.08	1.57	4.65	—	—	—	—	—	—	18
C102	10.67	1.97	5.39	11.38	1.97	5.55	12.40	1.97	5.63	—	—	—	29
C103	12.13	1.97	6.85	—	—	—	—	—	—	—	—	—	34
C202	11.77	2.36	6.10	12.48	2.36	6.26	13.50	2.36	6.34	—	—	—	38
C203	13.23	2.36	7.56	14.17	2.36	7.95	—	—	—	—	—	—	45
C302	—	—	—	13.23	2.36	7.01	14.25	2.36	7.09	14.88	2.36	7.21	49
C303	13.98	2.36	8.31	14.92	2.36	8.70	—	—	—	—	—	—	56
C402	—	—	—	15.12	3.15	8.11	16.14	3.15	8.19	16.77	3.15	8.31	71
C403	—	—	—	16.81	3.15	9.8	—	—	—	—	—	—	78

* Weight is base unit only. MR weight must be added separately.

C Series: INLINE — Solid Shaft Output