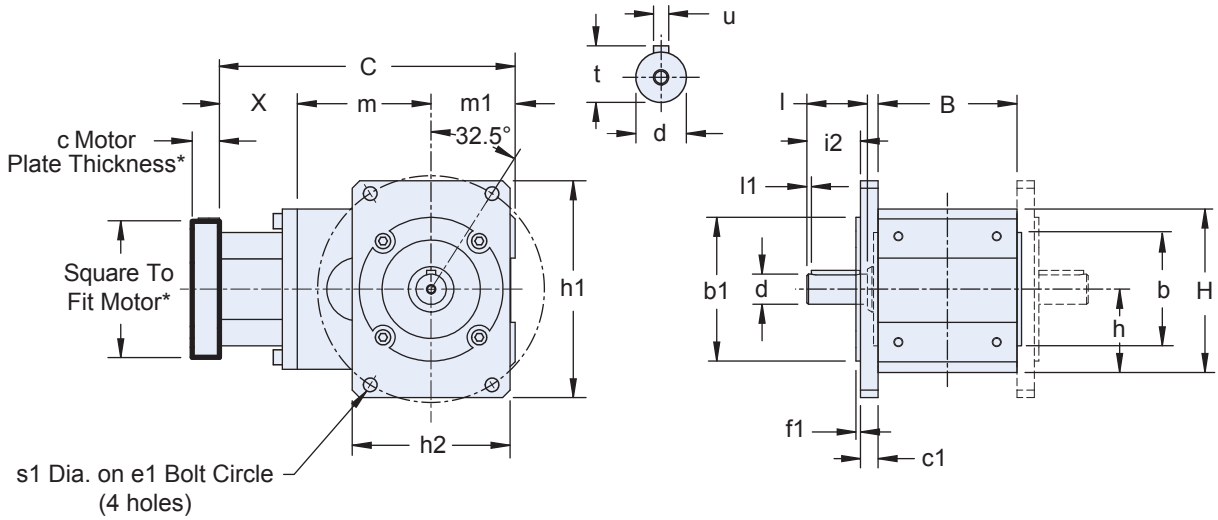
KL Series with "P" or "G" Solid Shaft Output Option

"F" Output Flange Housing Option



** See Motor Mounting Plate Option, page 124 for details.*
*** See Output Shaft Options, page xx for details.*

Table 1 KL Series Unit Dimensions (mm) – "F" Round Flange Housing Option

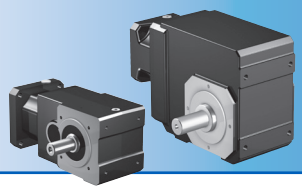
Unit	B	b1	b	C	c1	e1	f1	H	h	h1	h2	i2	l	l1	m	m1	s1	X
KL1	75	60_{j6}	60_{j6}	160	11.5	130	3	90	46	128.5	88.5	26.5	32	3	67.5	46	9	46.5
KL2	92	95_{j6}	75_{j6}	195	11.5	150	3	108	55	143.5	104.5	35.5	40	3	88.5	55	9	51.5

Table 2 Standard "P" Solid Shaft

Unit	Shaft – inches			Metric Shaft – mm			Stainless Shaft		Wt.* lbs.
	d_{k6}	u – Key	t	d_{k6}	u – Key	t	Inches	mm	
KL1	5/8	3/16 x 3/16 x 1	0.709	16	M5 x 5 x 22	18	5/8	16	14
KL2	0.750	3/16 x 3/16 x 1-1/4	0.832	20	M6 x 6 x 32	23	0.750	20	21

**Weight is approximate.*

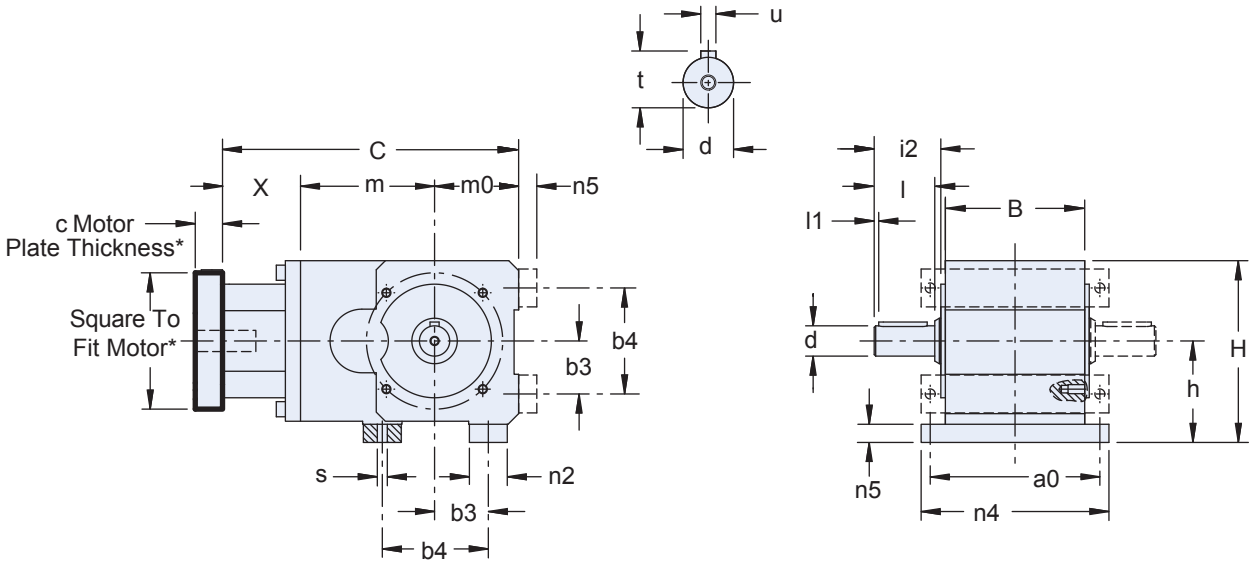
k6 = existing values



Dimensional Data

KL Series with "P" or "G" Solid Shaft Output Option

"NG" Foot Mounting Housing Option



** See Motor Mounting Plate Option, page 124 for details.*
*** See Output Shaft Options, page xx for details.*

Table 1 KL Series Unit Dimensions (mm) – "NG" Foot Mounting Housing Option

Unit	a0	B	b3	b4	C	H	h	l	l1	l2	m	m0	n2	n4	n5	s	X
KL1	95	75	27.5	55	160	102	58	32	3	38	67.5	46	20	107	12	6.6	46.5
KL2	112	92	35	70	195	120	67	40	3	47	88.5	55	25	124	12	6.6	51.5

Table 2 Standard "P" Solid Shaft

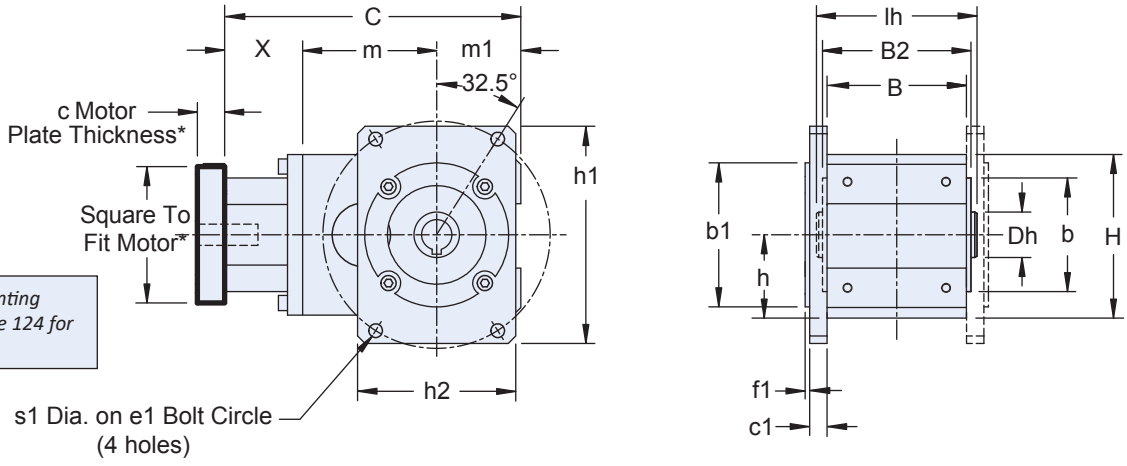
	Shaft – inches			Metric Shaft – mm			Stainless Shaft		Wt.*
Unit	d_{k6}	u – Key	t	d_{k6}	u – Key	t	Inches	mm	lbs.
KL1	5/8	3/16 x 3/16 x 1	–	16	M5 x 5 x 22	18	5/8	16	14
KL2	0.750	3/16 x 3/16 x 1-1/4	0.832	20	M6 x 6 x 32	23	0.750	20	21

**Weight is approximate.*

k6 = existing values

KL Series with "A" Hollow Output

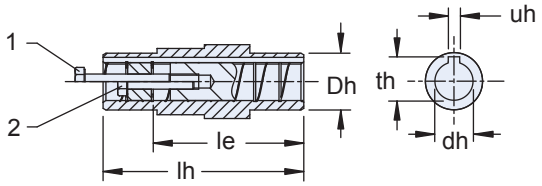
"F" Output Flange Housing



** See Motor Mounting Plate Option, page 124 for details.*

1. Removal Bolt – not supplied. See Installation instructions for details

2. Mounting Bolt – must be smaller than removal bolt



See hollow output installation instructions for further details

Table 1 **KL Series Unit Dimensions (mm) – "F" Round Flange Housing**

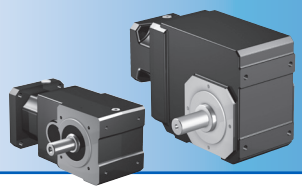
Unit	B	B2	b1	b	C	c1	Dh	e1	f1	H	h	h1	h2	le	lh	m	m1	s1	X
KL1	75	81	60_{j6}	60_{j6}	160	11.5	25	130	3	90	46	128.5	88.5	60.5	87	67.5	46	9	46.5
KL2	92	98	95_{j6}	75_{j6}	195	11.5	30	150	3	108	55	143.5	104.5	79.5	106	88.5	55	9	51.5

Table 2 **Standard "A" Hollow Bore**

	Bore - inches			Metric Bore - mm			Stainless Bore		Wt.*
Unit	dh_{G7}	uh	th	dh_{H7}	uh_{JS9}	th	Inches	mm	lbs.
KL1	0.625	0.188	0.713	16	5	18.3	0.625	16	14
KL2	0.750	0.188	0.832	20	6	22.8	0.750	20	21

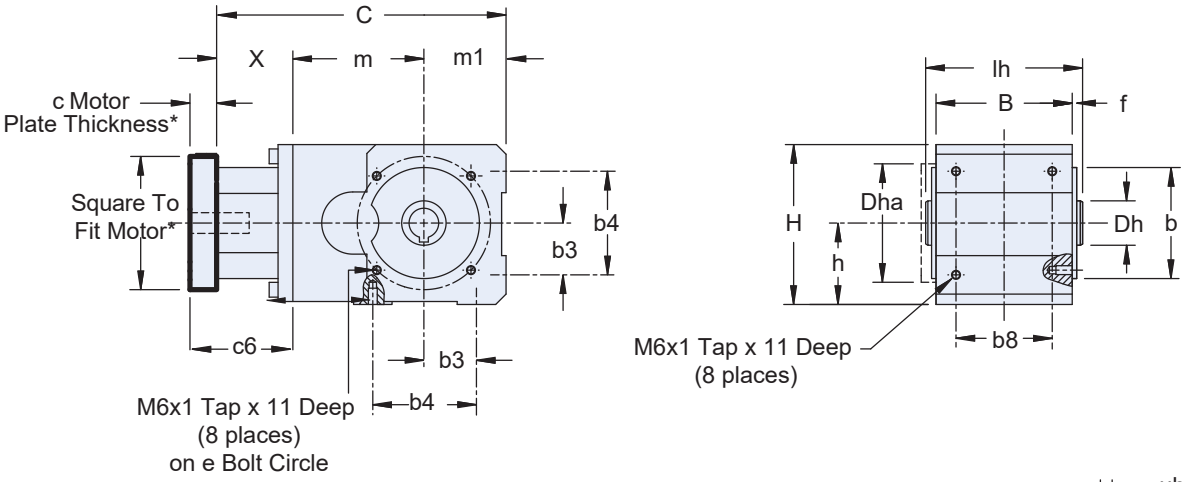
**Weight is approximate.*

G7, H7, JS9 = actual values



Dimensional Data

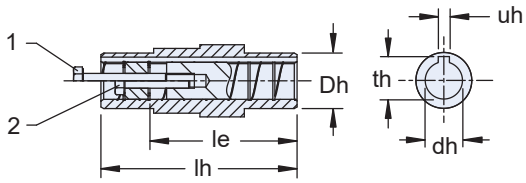
KL Series with "A" Hollow Output
"G" Pitch Circle Diameter (PCD) Tapped Holes



** See Motor Mounting Plate Option, page 124 for details.*

1. Removal Bolt – not supplied. See Installation instructions for details

2. Mounting Bolt – must be smaller than removal bolt



See hollow output installation instructions for further details

Table 1 KL Series Unit Dimensions (mm) – "G" Pitch Circle Diameter (PCD) Tapped Holes

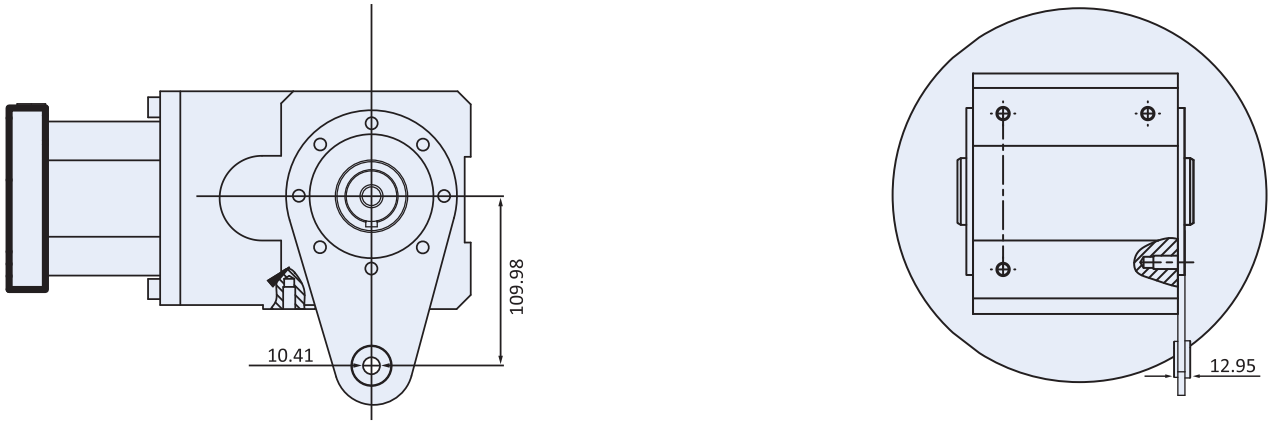
Unit	B	b	b3	b4	b8	C	c6	Dh	Dha	e	f	H	h	le	lh	m	m1
KL1	75	60_{j6}	27.5	55	50	160	61.5	25	70	75	3	90	46	60.5	87	67.5	46
KL2	92	75_{j6}	35	70	65	195	69.5	30	80	90	3	108	55	79.5	106	88.5	55

Table 2 Standard "A" Hollow Bore

	Bore - inches			Metric Bore - mm			Stainless Bore		Wt.*
Unit	dh_{G7}	uh	th	dh_{H7}	uh_{JS9}	th	Inches	mm	lbs.
KL1	0.625	0.188	0.713	16	5	18.3	0.625	16	14
KL2	0.750	0.188	0.832	20	6	22.8	0.750	20	21

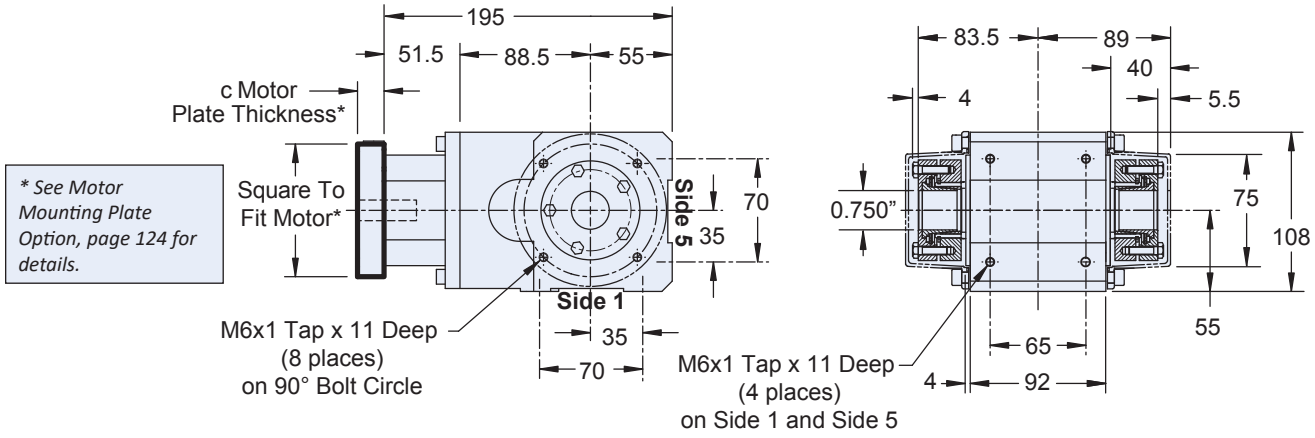
**Weight is approximate.* *G7, H7, JS9 = actual values*

"A" Hollow Bore Output "GD" Torque Arm Bracket KL2 Only



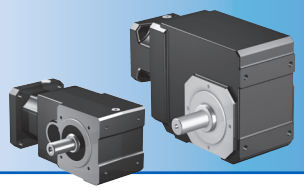
KL Series (KL202 only) with "W" Wobble Free Bushing Output

"G" Pitch Circle Diameter (PCD) Tapped Holes



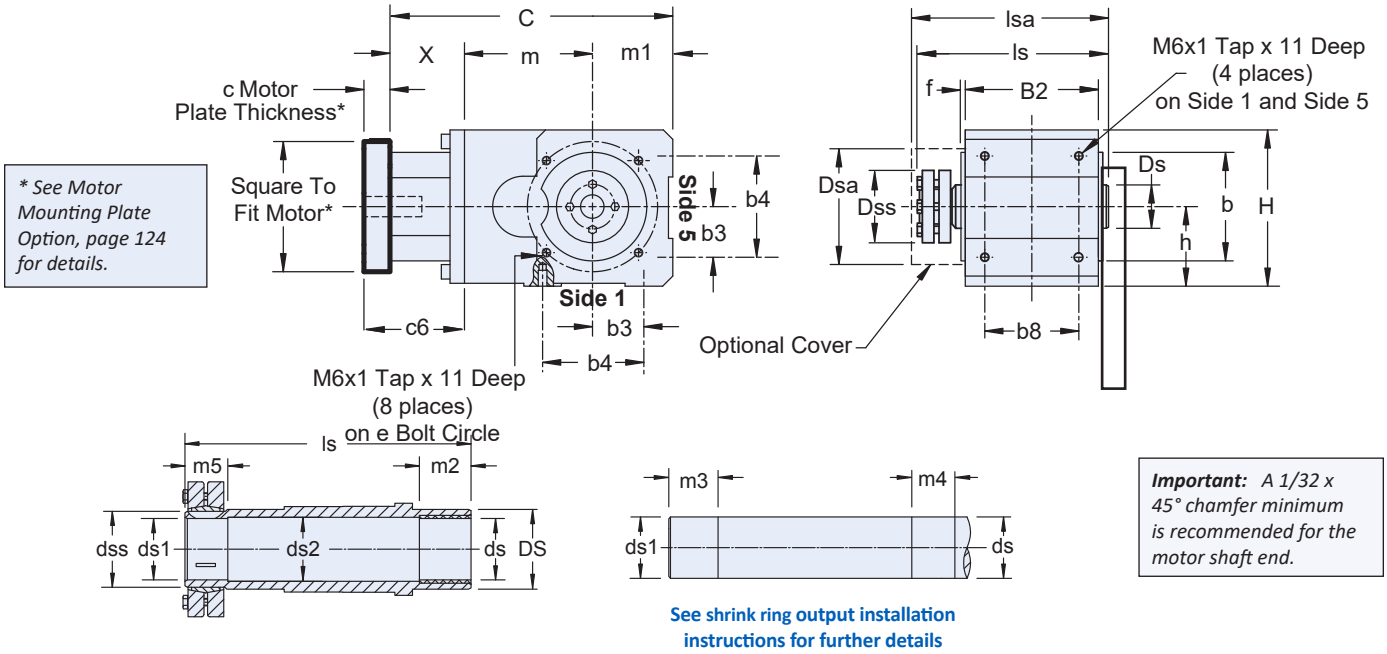
** See Motor Mounting Plate Option, page 124 for details.*

Important: *A 1/32" x 45° chamfer minimum is recommended for the shaft end. The bushing will accept a shaft with a tolerance of +0.000/-0.005 inches.*



Dimensional Data

KL Series with "S" Shrink Ring Output
"G" Pitch Circle Diameter (PCD) Tapped Holes



** See Motor Mounting Plate Option, page 124 for details.*

Important: *A 1/32 x 45° chamfer minimum is recommended for the motor shaft end.*

See shrink ring output installation instructions for further details

Table 1 **KL Series Unit Dimensions (mm) – "S" Shrink Ring Output**

Unit	B2	b	b3	b4	b8	C	c6	Dsa	Dss	e	f	H	h	lsa	m1	m
KL1	75	60_{j6}	27.5	55	50	160	46.5	64	46.2	75	3	90	46	114.5	46	67.5
KL2	92	75_{j6}	35	70	65	195	51.5	79	50.0	90	3	108	55	139	55	88.5

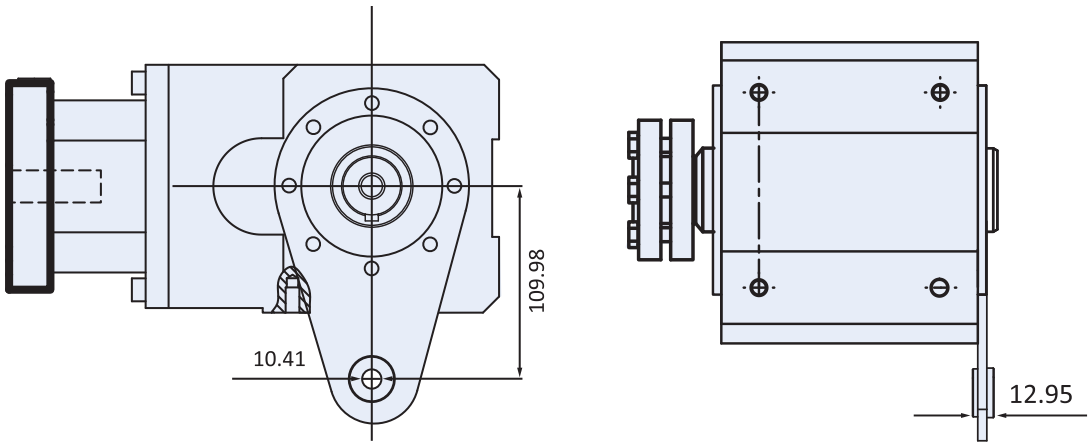
Table 2 **Bore/Shaft Dimensions (mm)**

Unit	DS	Ds	ds_{H7}	ds1 Bore	ds1 Shaft	ds2	dss	ls	m2	m3	m4	m5	Wt.* lbs.
KL1	46.2	25	16	16_{H7}	16_{h6}	17.5	20	109	17	22	28	23	14
KL2	50	30	20	20_{H7}	20_{h6}	21.5	24	131	22	27	31	26	21

**Weight is approximate*

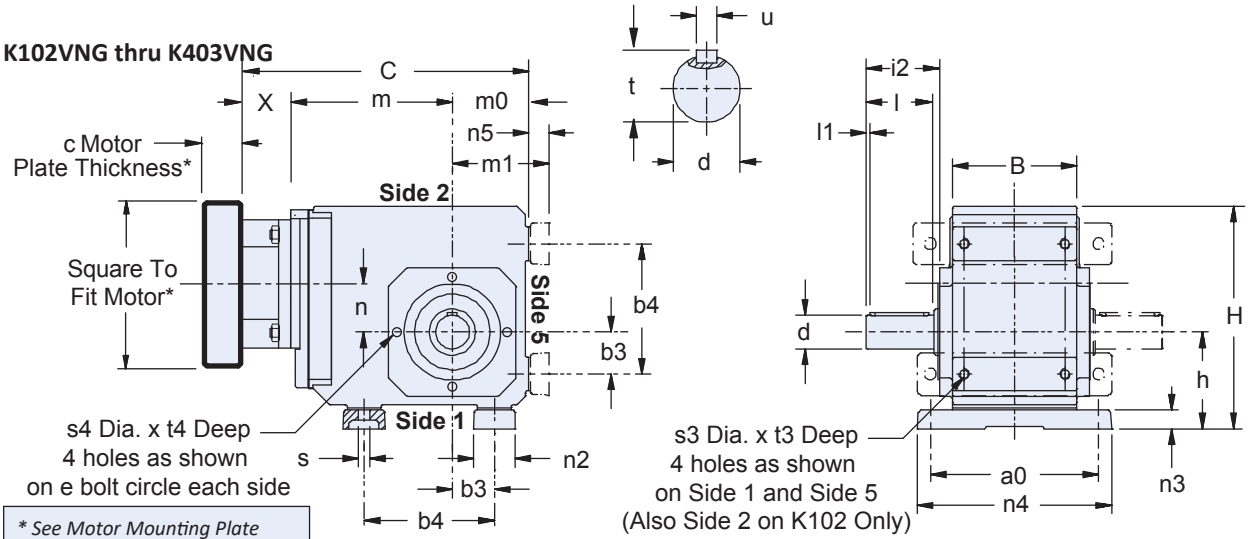
h6 = existing value; H7 = actual values

"A" Hollow Bore Output "GD" Torque Arm Bracket KL2 Only



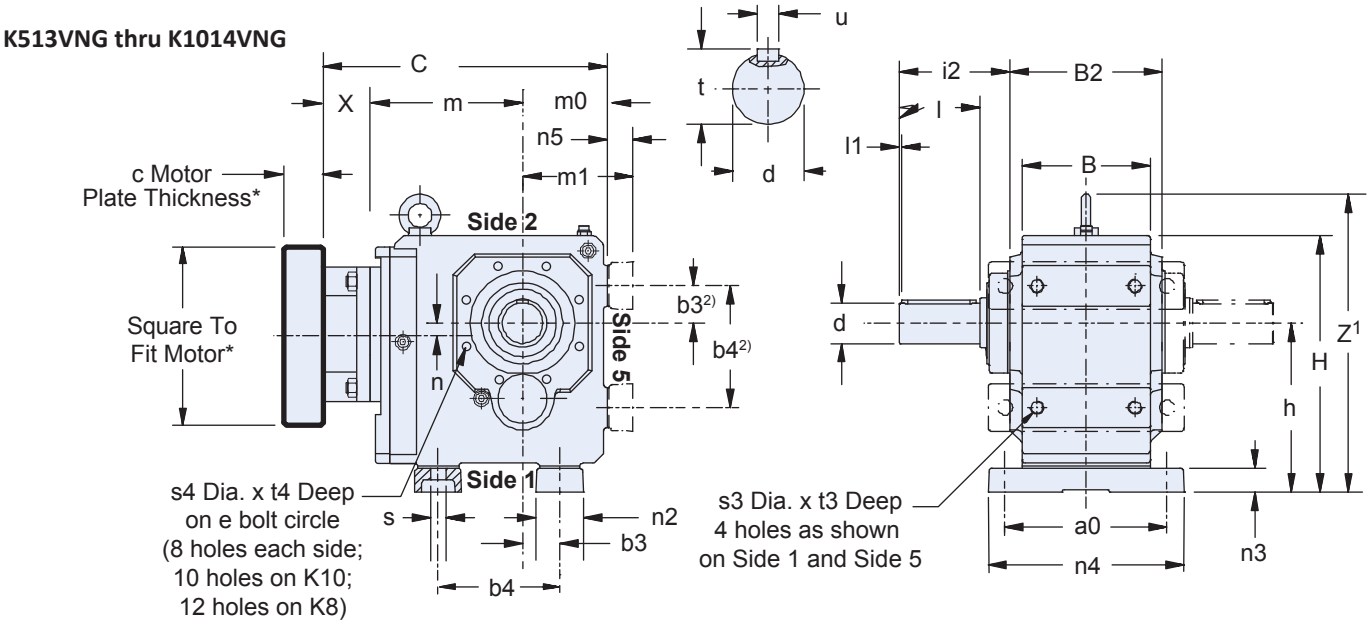
K Series with "V" Solid Shaft Output Option, "NG" Foot Mounting Housing & "G" Pitch Circle Diameter (PCD) Tapped Holes

K102VNG thru K403VNG

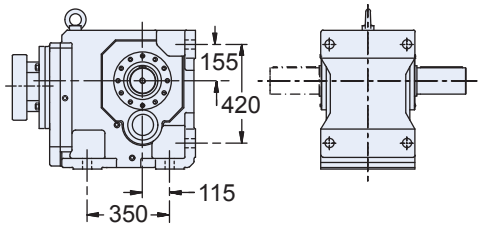


** See Motor Mounting Plate Option, page 124 for details.*

K513VNG thru K1014VNG



Size K10 Mounting Feet (Dimensions b3 and b4)



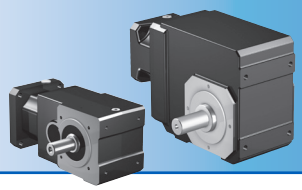
2) Mounting feet are integral on the K10 housing. Note that b3 = 155 and b4= 420 on Side 5 of the K10. Hole locations are as shown above.

Table 4 Motor Adapter Dimensions (mm)

Motor Adapter	Thickness[4] c Min.	Motor Shaft d2 Max.[3]	X	Wt. lbs.
ME10	21	19	40	5
ME20	24	32	50	8
ME30	25	38	60	15
ME40	33	48	88	28
ME50	43	60	81.5	42

3) If an adapter bushing is required it will be supplied as a component of the motor mounting plate.

4) Motor plate maximum thickness (c) will vary with motor shaft length but will not be less than shown.



Dimensional Data

Table 1 K Series Unit Dimensions (mm) — "NG" Foot Mounting Housing

Unit	a0	B	B2	b3	b4	H	h	i2	l	l1	m0	m1	n2	n3	n4	n5	s	Z[1]
K1	115	90	—	30	90[1)]	175	75	62	50	4	60	75	32	13	140	15	9	—
K2	155	115	—	35	115	213	88	68	60	4	65	88	40	20	185	23	11	—
K3	170	130	—	40	130	236	98	69	60	4	75	98	45	20	200	23	11	—
K4	200	148	—	50	155	265	115	89.5	80	4	90	115	50	22	230	25	14	—
K5	200	160	185	40	140	290	190	129.5	100	4	100	130	60	27	240	30	18	342
K6	210	168	200	50	160	340	220	136	90	4	120	150	65	27	250	30	18.5	392
K7	241[2)]	190	226	55	180	380	250	164	120	4	125	163	70	35	290	38	23	441
K8	300	235	282	75	240	455	310	185	140	5	145	190	85	41	360	45	27	516
K9	360	285	330	95	280	545	365	220	170	8	180	230	95	46	430	50	31	615
K10	330	356	400	115[3)]	350[3)]	680	420	240	210	15	225	225	120	45	400	45	39	680

[1)] Mounting holes are also located on Side 1 of the K1 unit ONLY.
[2)] For a0 with mounting on side 1 only; a0 when mounting on optional side 5 is 241 mm.
[3)] Mounting feet are integral on the K10 housing as shown in drawing, facing page. Note b3 = 155 and b4 = 420 on **Side 5** *of the K10.*

Table 2 K Series Unit Dimensions (mm) – "G" Pitch Circle Diameter (PCD) Tapped Holes

Unit	e	s3	s4	t3	t4
K1	90	M8x1.25	M8x1.25	13	13
K2	100	M10x1.5	M8x1.25	16	16
K3	115	M10x1.5	M8x1.25	16	16
K4	130	M12x1.75	M10x1.5	19	19
K5	130	M16x2	M10x1.5	26	26
K6	165	M16x2	M10x1.5	26	26
K7	185	M20x2.5	M12x1.75	31	31
K8	215	M24x3	M12x1.75	38	38
K9	265	M30x3.5	M16x2	48	48
K10	300	39 [1)]	10-M20	45	33

[1)] s3 on K10 are thru holes, not tapped.

Table 3 K Series Unit Dimensions (mm) — "V" Solid Shaft Output

Shaft outputs in stainless or carbon steel. See page 125 for available shaft output options.

	Inches			Metric (mm)			Stainless	
Unit	d_{h6}*	t	u – Key	d*	t	u – Key	Inches	mm
K1	1.000	1.11	1/4 x 1/4 x 1-9/16	25_{k6}	28	M8×7×40	1.000	25
K2	1.250	1.36	1/4 x 1/4 x 1-15/16	30_{k6}	33	M8×7×50	1.250	30
K3	1.250	1.36	1/4 x 1/4 x 1-15/16	30_{k6}	33	M8×7×50	1.250	40
K4	1.375	1.51	5/16 x 5/16 x 2-5/16	40_{k6}	43	M12×8×70	1.375	–
K5	1.750	1.92	3/8 x 3/8 x 3-5/32	45_{k6}	48.5	M14×9×80	1.750	45
K6	1.750	1.92	3/8 x 3/8 x 3-5/32	50_{k6}	53.5	M14×9×90	1.750	–
K7	2.375	2.65	5/8 x 5/8 x 3-15/16	60_{k6}	64	M18×11×110	2.375	–
K8	2.875	3.21	3/4 x 3/4 x 4-5/16	70_{m6}	74.5	M20×12×125	2.875	70
K9	3.625	4.01	7/8 x 7/8 x 5-1/2	90_{m6}	95	M25×14×140	–	90
K10	4.375	4.82	1 x 1 x 7-1/8	110_{m6}	116	M28×16×180	–	–

**h6, k6, m6 = existing value*

Table 5 K Series Unit Dimensions (mm)

	ME10			ME20			ME30			ME40			ME50			Wt.
Unit	C	m	n	C	m	n	C	m	n	C	m	n	C	m	n	lbs.
K102	224	124	36	238	128	36	—	—	—	—	—	—	—	—	—	31
K202	248	143	46	262	147	46	274	149	46	—	—	—	—	—	—	40
K203	285	180	46	—	—	—	—	—	—	—	—	—	—	—	—	53
K302	278	163	52.5	292	167	52.5	304	169	52.5	—	—	—	—	—	—	67
K303	315	200	52.5	335	210	16	—	—	—	—	—	—	—	—	—	73
K402	—	—	—	327	187	60	339	189	60	370	192	60	—	—	—	93
K403	350	220	60	370	230	23	—	—	—	—	—	—	—	—	—	100
K513	—	—	—	322	172	15	334	174	15	365	177	15	—	—	—	106
K514	—	—	—	365	215	15	—	—	—	—	—	—	—	—	—	109
K613	—	—	—	361	191	18	373	193	18	404	196	18	411.5	210	18	170
K614	—	—	—	404	234	18	—	—	—	—	—	—	—	—	—	177
K713	—	—	—	—	—	—	406	221	20	437	224	20	443.5	237	20	221
K714	—	—	—	438	263	20	468	283	20	—	—	—	—	—	—	234
K813	—	—	—	—	—	—	452	247	24	482	249	24	488.5	262	24	309
K814	—	—	—	—	—	—	513	308	24	553	320	5	—	—	—	331
K913	—	—	—	—	—	—	—	—	—	562	294	25	568.5	307	25	508
K914	—	—	—	—	—	—	593	353	25	633	365	25	—	—	—	530
K1013	—	—	—	—	—	—	—	—	—	—	—	—	698.5	392	28	1055
K1014	—	—	—	—	—	—	—	—	—	763	450	28	781.5	475	28	1079

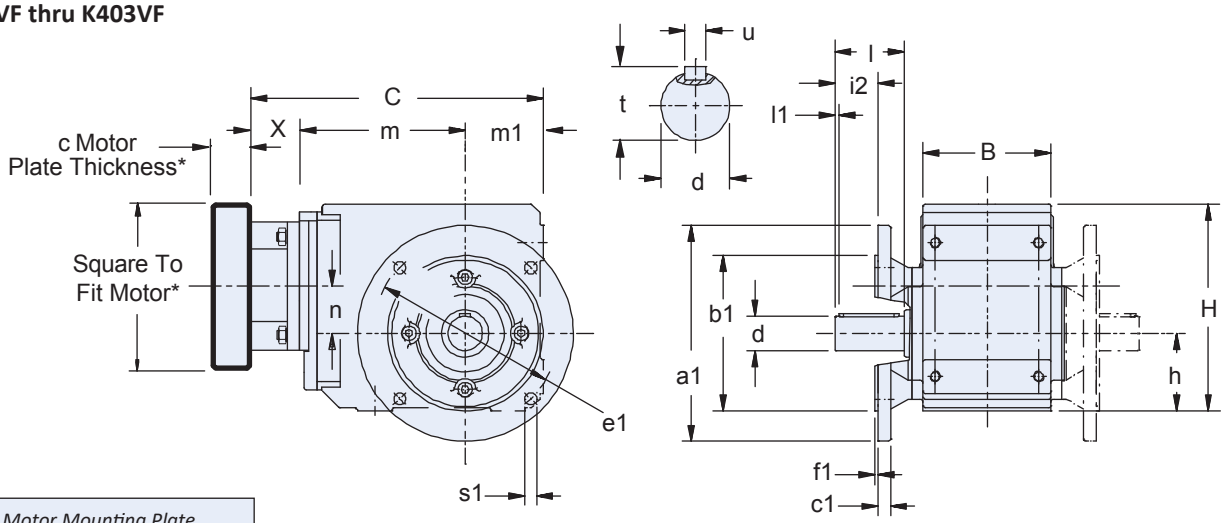
For approximate weight, add adapter weight from Table 3 and unit weight from Table 4.

K Series with "V" Solid Shaft Output

"F" Round Flange Housing

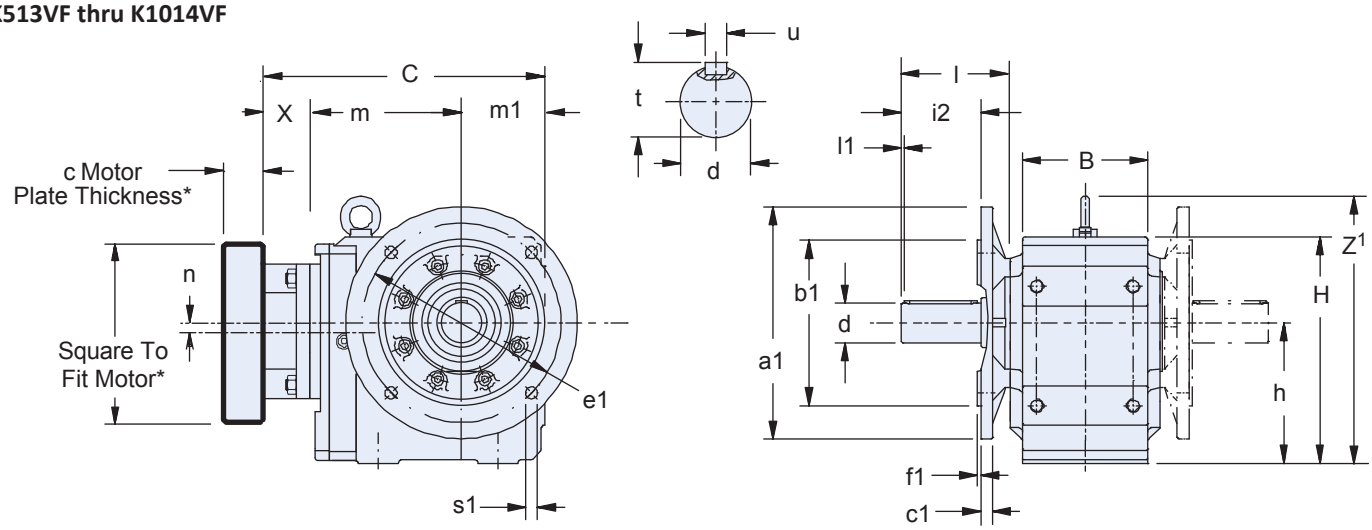
Other flange sizes available: for details see "Optional "F" Round Flange Housing Options for K Series" on page 163 .

K102VF thru K403VF

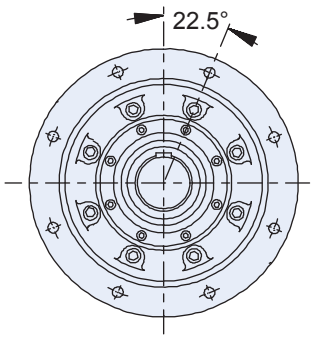


** See Motor Mounting Plate Option, page 124 for details.*

K513VF thru K1014VF



Size K9 and K10 Flange



K913 thru K1014 has 8 mounting holes in the output flange located as shown.

Table 3 Motor Adapter Dimensions (mm)

Motor Adapter	Thickness[2] c Min.	Motor Shaft d2 Max.[1]	X	Wt. lbs.
ME10	21	19	40	5
ME20	24	32	50	8
ME30	25	38	60	15
ME40	33	48	88	28
ME50	43	60	81.5	42

1) If an adapter bushing is required it will be supplied as a component of the motor mounting plate.

2) Motor plate maximum thickness (c) will vary with motor shaft length but will not be less than shown.

Dimensional Data

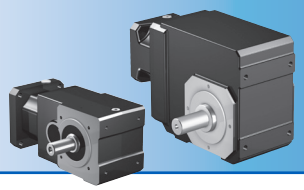


Table 1 K Series Unit Dimensions (mm) – "F" Round Flange Housing

Unit	a1	B	b1	c1	e1	f1	H	h	i2	l	l1	m1	s1	Z[1]
K1	160	90	110_{j6}	10	130	3.5	160	60	30.0	50	4	60	9	—
K2	200	115	130_{j6}	12	165	3.5	190	65	36.0	60	4	65	11	—
K3	200	130	130_{j6}	14	165	3.5	213	75	31.0	60	4	75	11	—
K4	250	148	180_{j6}	15	215	4	240	90	49.5	80	4	90	14	—
K5	250	160	180_{j6}	15	215	4	260	160	89.9	90	4	100	14	312
K6	300	168	230_{j6}	17	265	4	310	190	100.0	100	4	120	14	362
K7	350	190	250_{h6}	18	300	5	342	212	119.9	120	4	125	18	403
K8	400	235	300_{h6}	20	350	5	410	265	140.0	140	5	145	18	471
K9	450	285	350_{h6}	23	400	5	495	315	169.9	170	8	180	18	565
K10	550	356	450_{h6}	25	500	5	591	375	210.0	210	15	225	18	680

Table 2 K Series Unit Dimensions (mm) — "V" Solid Shaft Output

Shaft outputs in stainless or carbon steel. See page 125 for available shaft output options.

	Inches			Metric (mm)			Stainless	
Unit	d_{h6}*	t	u – Key	d*	t	u – Key	Inches	mm
K1	1.000	1.11	1/4 x 1/4 x 1-9/16	25_{k6}	28	M8×7×40	1.000	25
K2	1.250	1.36	1/4 x 1/4 x 1-15/16	30_{k6}	33	M8×7×50	1.250	30
K3	1.250	1.36	1/4 x 1/4 x 1-15/16	30_{k6}	33	M8×7×50	1.250	40
K4	1.375	1.51	5/16 x 5/16 x 2-5/16	40_{k6}	43	M12×8×70	1.375	–
K5	1.750	1.92	3/8 x 3/8 x 3-5/32	45_{k6}	48.5	M14×9×80	1.750	45
K6	1.750	1.92	3/8 x 3/8 x 3-5/32	50_{k6}	53.5	M14×9×90	1.750	–
K7	2.375	2.65	5/8 x 5/8 x 3-15/16	60_{k6}	64	M18×11×110	2.375	–
K8	2.875	3.21	3/4 x 3/4 x 4-5/16	70_{m6}	74.5	M20×12×125	2.875	70
K9	3.625	4.01	7/8 x 7/8 x 5-1/2	90_{m6}	95	M25×14×140	–	90
K10	4.375	4.82	1 x 1 x 7-1/8	110_{m6}	116	M28×16×180	–	–

**h6, j6, k6, m6 = existing value*

Table 4 K Series Unit Dimensions (mm)

	ME10			ME20			ME30			ME40			ME50			Wt.
Unit	C	m	n	C	m	n	C	m	n	C	m	n	C	m	n	lbs.
K102	224	124	36	238	128	36	—	—	—	—	—	—	—	—	—	31
K202	248	143	46	262	147	46	274	149	46	—	—	—	—	—	—	40
K203	285	180	46	—	—	—	—	—	—	—	—	—	—	—	—	53
K302	278	163	52.5	292	167	52.5	304	169	52.5	—	—	—	—	—	—	67
K303	315	200	52.5	335	210	16	—	—	—	—	—	—	—	—	—	73
K402	—	—	—	327	187	60	339	189	60	370	192	60	—	—	—	93
K403	350	220	60	370	230	23	—	—	—	—	—	—	—	—	—	100
K513	—	—	—	322	172	15	334	174	15	365	177	15	—	—	—	106
K514	—	—	—	365	215	15	—	—	—	—	—	—	—	—	—	109
K613	—	—	—	361	191	18	373	193	18	404	196	18	411.5	210	18	170
K614	—	—	—	404	234	18	—	—	—	—	—	—	—	—	—	177
K713	—	—	—	—	—	—	406	221	20	437	224	20	443.5	237	20	221
K714	—	—	—	438	263	20	468	283	20	—	—	—	—	—	—	234
K813	—	—	—	—	—	—	452	247	24	482	249	24	488.5	262	24	309
K814	—	—	—	—	—	—	513	308	24	553	320	5	—	—	—	331
K913	—	—	—	—	—	—	—	—	—	562	294	25	568.5	307	25	508
K914	—	—	—	—	—	—	593	353	25	633	365	25	—	—	—	530
K1013	—	—	—	—	—	—	—	—	—	—	—	—	698.5	392	28	1055
K1014	—	—	—	—	—	—	—	—	—	763	450	28	781.5	475	28	1079

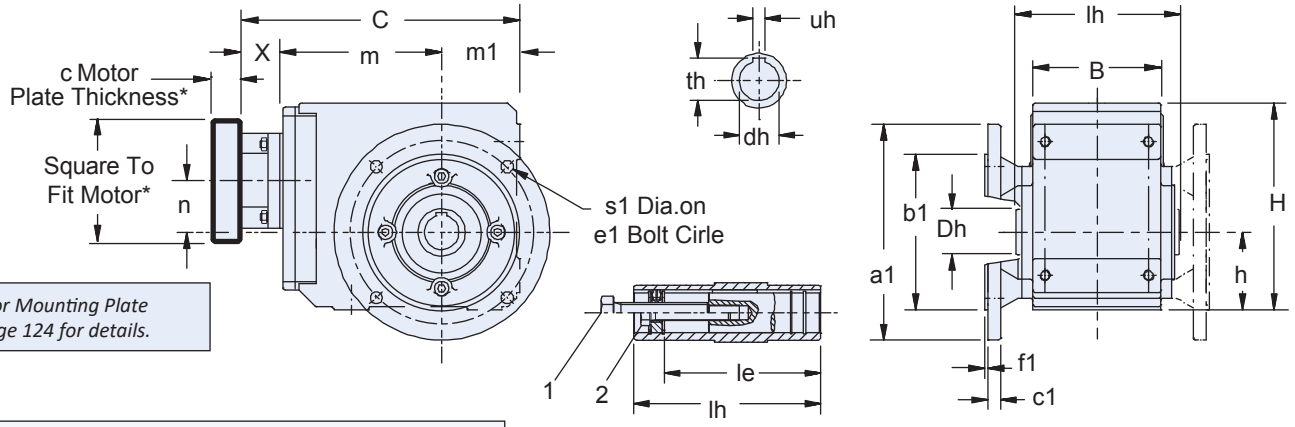
For approximate weight, add adapter weight from Table 3 and unit weight from Table 4.

K Series with "A" Hollow Output

"F" Round Flange Housing

Other flange sizes available: for details see "Optional "F" Round Flange Housing Options for K Series" on page 163.

K102AF thru K403AF

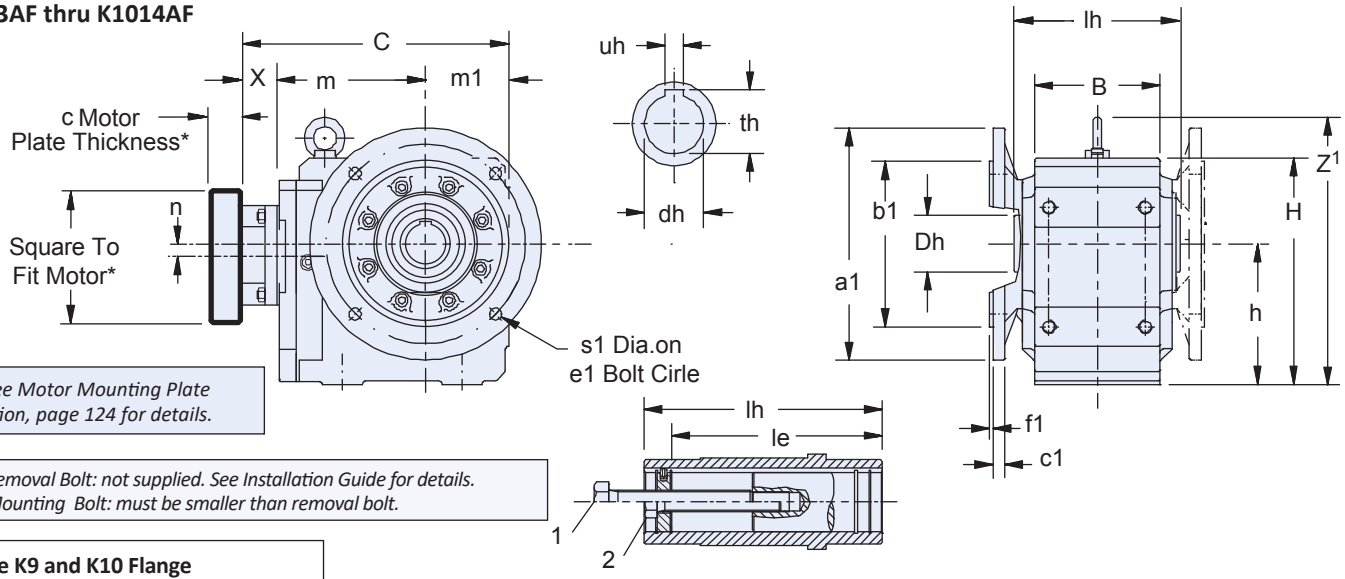


** See Motor Mounting Plate Option, page 124 for details.*

1. Removal Bolt: not supplied. See Installation Guide for details.
2. Mounting Bolt: must be smaller than removal bolt.

See hollow output installation instructions for further details

K513AF thru K1014AF

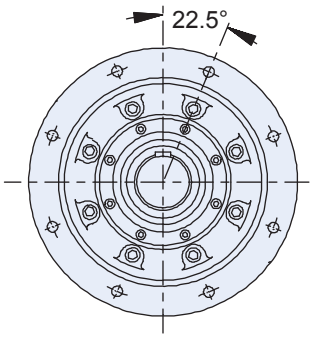


** See Motor Mounting Plate Option, page 124 for details.*

1. Removal Bolt: not supplied. See Installation Guide for details.
2. Mounting Bolt: must be smaller than removal bolt.

See hollow output installation instructions for further details

Size K9 and K10 Flange



K913 thru K1014 has 8 mounting holes in the output flange located as shown.

Table 3 Motor Adapter Dimensions (mm)

Motor Adapter	Thickness [2] c Min.	Motor Shaft d2 Max. [1]	X	Wt. lbs.
ME10	21	19	40	5
ME20	24	32	50	8
ME30	25	38	60	15
ME40	33	48	88	28
ME50	43	60	81.5	42

1) If an adapter bushing is required it will be supplied as a component of the motor mounting plate.

2) Motor plate maximum thickness (c) will vary with motor shaft length but will not be less than shown.

Dimensional Data

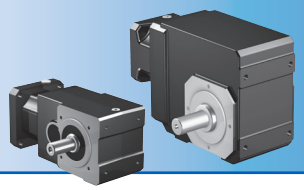


Table 1 K Series Unit Dimensions (mm) – "F" Round Flange Housing

Unit	a1	B	b1*	c1	Dh	e1	f1	H	h	le	lh	m1	s1	Z_1
K1	160	90	110_{j6}	10	40	130	3.5	160	60	98	120	60	9	—
K2	200	115	130_{j6}	12	45	165	3.5	190	65	121.5	148	65	11	—
K3	200	130	130_{j6}	14	50	165	3.5	213	75	125	160	75	11	—
K4	250	148	180_{j6}	15	55	215	4	240	90	157	188	90	14	—
K5	250	160	180_{j6}	15	65	215	4	260	160	164	200	100	14	312
K6	300	168	230_{j6}	17	70	265	4	310	190	179	215	120	14	362
K7	350	190	250_{h6}	18	85	300	5	342	212	214	242	125	18	403
K8	400	235	300_{h6}	20	100	350	5	410	265	263	300	145	18	471
K9	450	285	350_{h6}	23	120	400	5	495	315	302	350	180	18	565
K10	550	356	450_{h6}	25	130	500	5	591	375	361	410	225	18	680

Table 2 K Series Unit Dimensions (mm) — "A" Hollow Bore Output

Dimensions in **BOLD BLUE** (standard). Contact STOBER for delivery on other sizes listed.

	Carbon Steel						Stainless	
	Inches			Metric (mm)				
Unit	dh_{G7}*	th	uh	dh_{H7}*	th	uh_{JS9}*	Inches	mm
K1	**1.000**	1.11	0.250	25	28.3	8	**1.000**	25
K2	**1.1875**	1.31	0.250	30	33.3	8	1.125, 1.1875, **1.250**	30
K3	**1.375**	1.52	0.312	35	38.3	10	1.25, **1.375**	35
K4	**1.500**	1.67	0.375	40	43.3	12	1.375, **1.500**	**40**
K5	**2.000**	2.13	0.500	50	53.8	14	1.4375, 1.9375, **2.000**	**40**, **50**
K6	**2.000**	2.23	0.500	50	53.8	14	1.4375, 1.9375, **2.000**, 2.1875	40, 50, 60
K7	**2.375**	2.66	0.625	60	64.4	18	1.9375, 2.00, 2.1875, 2.375	**60**
K8	**2.750**	3.03	0.625	70	74.9	20	2.1875, 2.375, 2.5, 2.6875, 2.750	60, **70**
K9	**3.250**	3.59	0.750	90	95.4	25	2.6875, **2.9375**, **3.000**, 3.25, **3.4375**	90
K10	**4.000**	4.25	1.000	100	108	28	3.4375, 4.00	–

** h6, j6 = existing values; G7, H7, JS9 = actual values*

Table 4 K Series Unit Dimensions (mm)

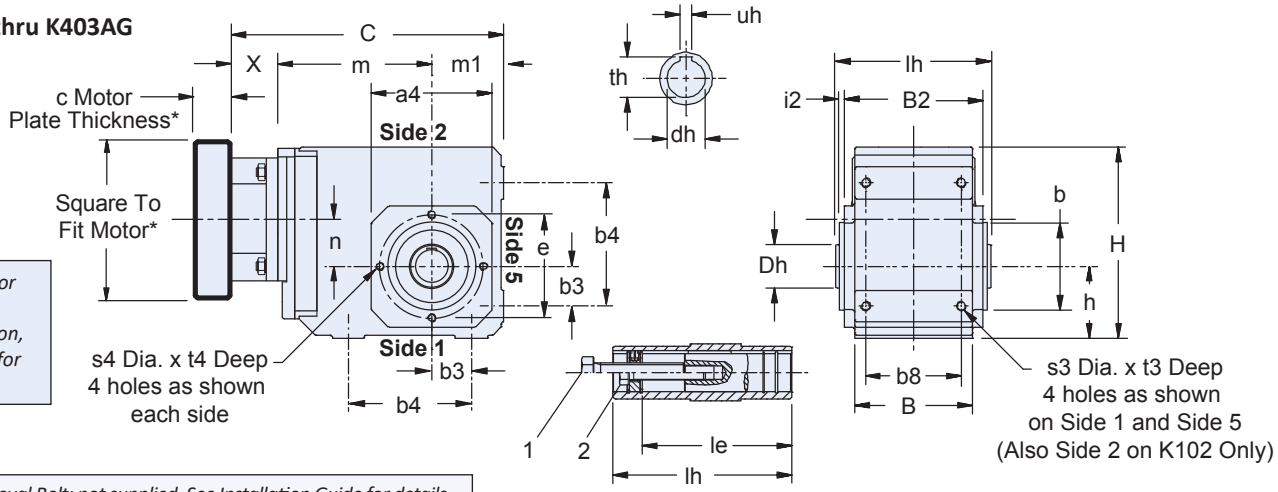
	ME10			ME20			ME30			ME40			ME50			Wt.
Unit	C	m	n	C	m	n	C	m	n	C	m	n	C	m	n	lbs.
K102	224	124	36	238	128	36	—	—	—	—	—	—	—	—	—	31
K202	248	143	46	262	147	46	274	149	46	—	—	—	—	—	—	40
K203	285	180	46	—	—	—	—	—	—	—	—	—	—	—	—	53
K302	278	163	52.5	292	167	52.5	304	169	52.5	—	—	—	—	—	—	67
K303	315	200	52.5	335	210	16	—	—	—	—	—	—	—	—	—	73
K402	—	—	—	327	187	60	339	189	60	370	192	60	—	—	—	93
K403	350	220	60	370	230	23	—	—	—	—	—	—	—	—	—	100
K513	—	—	—	322	172	15	334	174	15	365	177	15	—	—	—	106
K514	—	—	—	365	215	15	—	—	—	—	—	—	—	—	—	109
K613	—	—	—	361	191	18	373	193	18	404	196	18	411.5	210	18	170
K614	—	—	—	404	234	18	—	—	—	—	—	—	—	—	—	177
K713	—	—	—	—	—	—	406	221	20	437	224	20	443.5	237	20	221
K714	—	—	—	438	263	20	468	283	20	—	—	—	—	—	—	234
K813	—	—	—	—	—	—	452	247	24	482	249	24	488.5	262	24	309
K814	—	—	—	—	—	—	513	308	24	553	320	5	—	—	—	331
K913	—	—	—	—	—	—	—	—	—	562	294	25	568.5	307	25	508
K914	—	—	—	—	—	—	593	353	25	633	365	25	—	—	—	530
K1013	—	—	—	—	—	—	—	—	—	—	—	—	698.5	392	28	1055
K1014	—	—	—	—	—	—	—	—	—	763	450	28	781.5	475	28	1079

For approximate weight, add adapter weight from Table 3 and unit weight from Table 4.

K Series with "A" Hollow Output

"G" Pitch Circle Diameter (PCD) Tapped Holes

K102AG thru K403AG

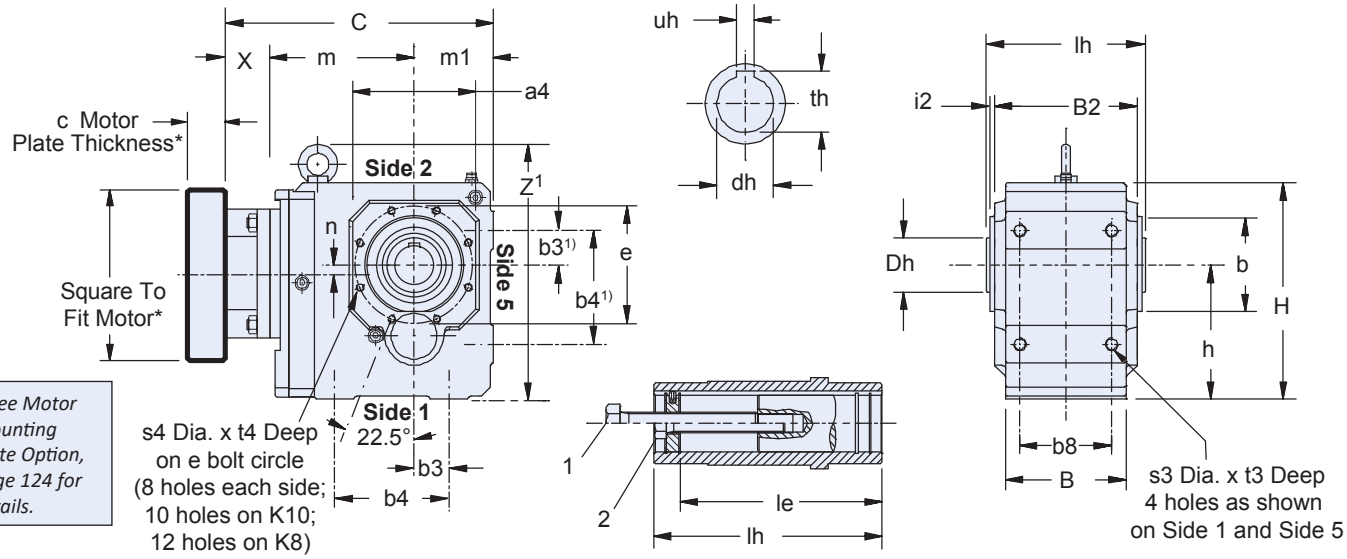


** See Motor Mounting Plate Option, page 124 for details.*

1. Removal Bolt: not supplied. See Installation Guide for details.
2. Mounting Bolt: must be smaller than removal bolt.

See hollow output installation instructions for further details

K513AG thru K1014AG

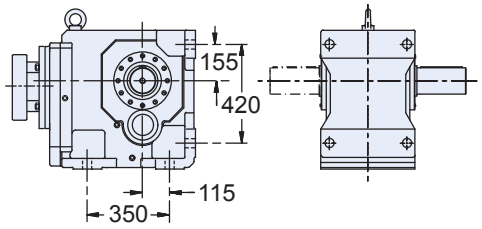


** See Motor Mounting Plate Option, page 124 for details.*

1. Removal Bolt: not supplied. See Installation Guide for details.
2. Mounting Bolt: must be smaller than removal bolt.

See hollow output installation instructions for further details

Size K10 Mounting Feet (Dimensions b3 and b4)



1) Mounting feet are integral on the K10 housing. Note that b3 = 155 and b4 = 420 on Side 5 of the K10. Hole locations are as shown above.

Table 3 Motor Adapter Dimensions (mm)

Motor Adapter	Thickness [3] c Min.	Motor Shaft d2 Max. [2]	X	Wt. lbs.
ME10	21	19	40	5
ME20	24	32	50	8
ME30	25	38	60	15
ME40	33	48	88	28
ME50	43	60	81.5	42

[2] If an adapter bushing is required it will be supplied as a component of the motor mounting plate.

[3] Motor plate maximum thickness (c) will vary with motor shaft length but will not be less than shown.

Dimensional Data

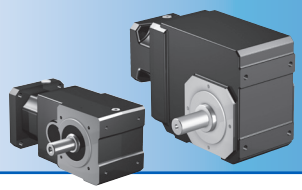


Table 1 K Series Unit Dimensions (mm) – "G" Pitch Circle Diameter (PCD) Tapped Holes

Unit	a4	B	B2	b*	b3	b4	b8	Dh	e	H	h	i2	le	lh	m1	s3	s4	t3	t4	Z[1]
K1	105	90	106	75_{j6}	30	90	70	40	90	160	60	3	98	120	60	M8x1.25	M8x1.25	13	13	—
K2	116	115	134	82_{j6}	35	115	90	45	100	190	65	3	121.5	148	65	M10x1.5	M8x1.25	16	16	—
K3	132	130	146	95_{j6}	40	130	105	50	115	213	75	3	125	160	75	M10x1.5	M8x1.25	16	16	—
K4	152	148	173	110_{j6}	50	155	120	55	130	240	90	3.5	157	188	90	M12x1.75	M10x1.5	19	19	—
K5	145	160	185	110_{j6}	40	140	125	65	130	260	160	3.5	164	200	100	M16x2	M10x1.5	26	26	312
K6	180	168	200	140_{j6}	50	160	130	70	165	310	190	3.5	179	215	120	M16x2	M10x1.5	26	26	362
K7	195	190	226	155_{j6}	55	180	145	85	185	342	212	3.5	214	242	125	M20x2.5	M12x1.75	33	31	403
K8	226	235	282	185_{j6}	75	240	185	100	215	410	265	4	263	300	145	M24x3	M12x1.75	38	38	471
K9	280	285	330	230_{j6}	95	280	225	120	265	495	315	5	302	350	180	M30x3.5	M16x2	48	48	565
K10	340	356	400	250_{h6}	115 [1]	350 [1]	330	130	300	591	375	5	361	410	225	39 [2]	10-M20	45	33	680

[1] *Mounting feet are integral on the K10 housing as shown in drawing, facing page. Note b3 = 155 and b4 = 420 on* **Side 5** *of the K10.*
[2] *s3 on K10 are thru holes, not tapped.*

Table 2 K Series Unit Dimensions (mm) — "A" Hollow Bore Output

Dimensions in **BOLD BLUE** (standard). Contact STOBER for delivery on other sizes listed.

	Carbon Steel						Stainless	
	Inches			Metric (mm)				
Unit	dh_{G7}*	th	uh	dh_{H7}*	th	uh_{JS9}*	Inches	mm
K1	**1.000**	1.11	0.250	25	28.3	8	**1.000**	25
K2	**1.1875**	1.31	0.250	30	33.3	8	1.125, 1.1875, **1.250**	30
K3	**1.375**	1.52	0.312	35	38.3	10	1.25, **1.375**	35
K4	**1.500**	1.67	0.375	40	43.3	12	1.375, **1.500**	**40**
K5	**2.000**	2.13	0.500	50	53.8	14	1.4375, 1.9375, **2.000**	**40**, **50**
K6	**2.000**	2.23	0.500	50	53.8	14	1.4375, 1.9375, **2.000**, 2.1875	40, 50, 60
K7	**2.375**	2.66	0.625	60	64.4	18	1.9375, 2.00, 2.1875, 2.375	**60**
K8	**2.750**	3.03	0.625	70	74.9	20	2.1875, 2.375, 2.5, 2.6875, 2.750	60, **70**
K9	**3.250**	3.59	0.750	90	95.4	25	2.6875, **2.9375**, **3.000**, 3.25, **3.4375**	90
K10	**4.000**	4.25	1.000	100	108	28	3.4375, 4.00	–

** h6, j6 = existing values; G7, H7, JS9 = actual values*

Table 4 K Series Unit Dimensions (mm)

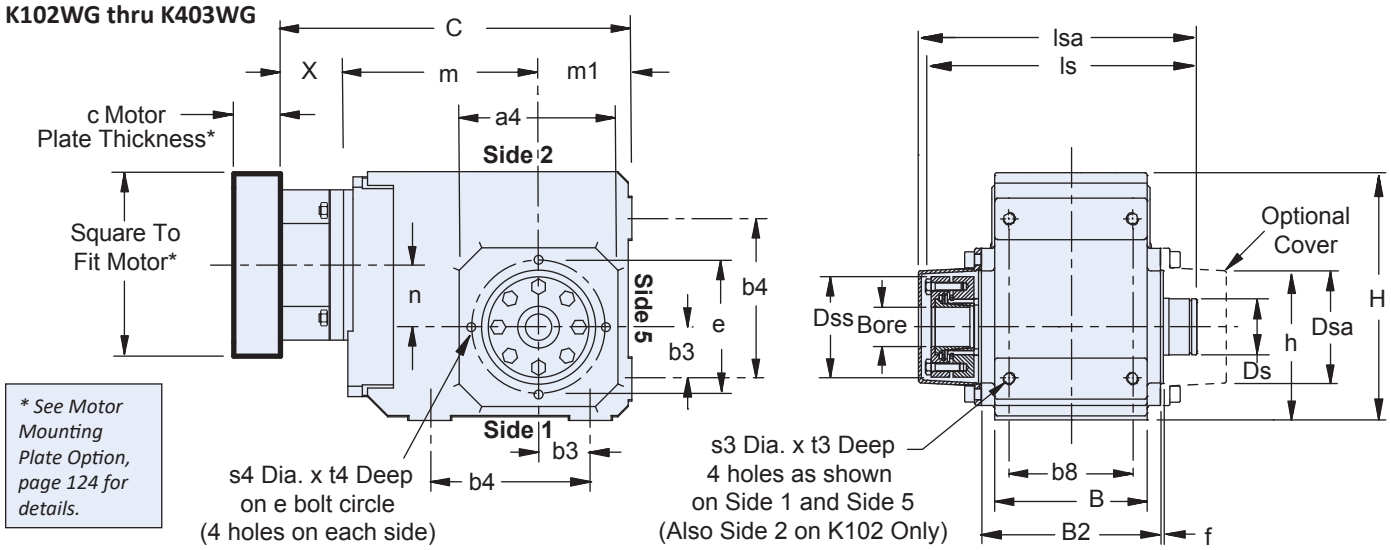
	ME10			ME20			ME30			ME40			ME50			Wt.
Unit	n	C	m	n	C	m	n	C	m	n	C	m	n	C	m	lbs.
K102	36	224	124	36	238	128	—	—	—	—	—	—	—	—	—	31
K202	46	248	143	46	262	147	46	274	149	—	—	—	—	—	—	40
K203	46	285	180	—	—	—	—	—	—	—	—	—	—	—	—	53
K302	52.5	278	163	52.5	292	167	52.5	304	169	—	—	—	—	—	—	67
K303	52.5	315	200	16	335	210	—	—	—	—	—	—	—	—	—	73
K402	—	—	—	60	327	187	60	339	189	60	370	192	—	—	—	93
K403	60	350	220	23	370	230	—	—	—	—	—	—	—	—	—	100
K513	—	—	—	15	322	172	15	334	174	15	365	177	—	—	—	106
K514	—	—	—	15	365	215	—	—	—	—	—	—	—	—	—	109
K613	—	—	—	18	361	191	18	373	193	18	404	196	18	411.5	210	170
K614	—	—	—	18	404	234	—	—	—	—	—	—	—	—	—	177
K713	—	—	—	—	—	—	20	406	221	20	437	224	20	443.5	237	221
K714	—	—	—	20	438	263	20	468	283	—	—	—	—	—	—	234
K813	—	—	—	—	—	—	24	452	247	24	482	249	24	488.5	262	309
K814	—	—	—	—	—	—	24	513	308	5	553	320	—	—	—	331
K913	—	—	—	—	—	—	—	—	—	25	562	294	25	568.5	307	508
K914	—	—	—	—	—	—	25	593	353	25	633	365	—	—	—	530
K1013	—	—	—	—	—	—	—	—	—	—	—	—	28	698.5	392	1055
K1014	—	—	—	—	—	—	—	—	—	28	763	450	28	781.5	475	1079

For approximate weight, add adapter weight from Table 3 and unit weight from Table 4.

K Series with SINGLE "W" Wobble Free Bushing Output

"G" Pitch Circle Diameter (PCD) Tapped Holes

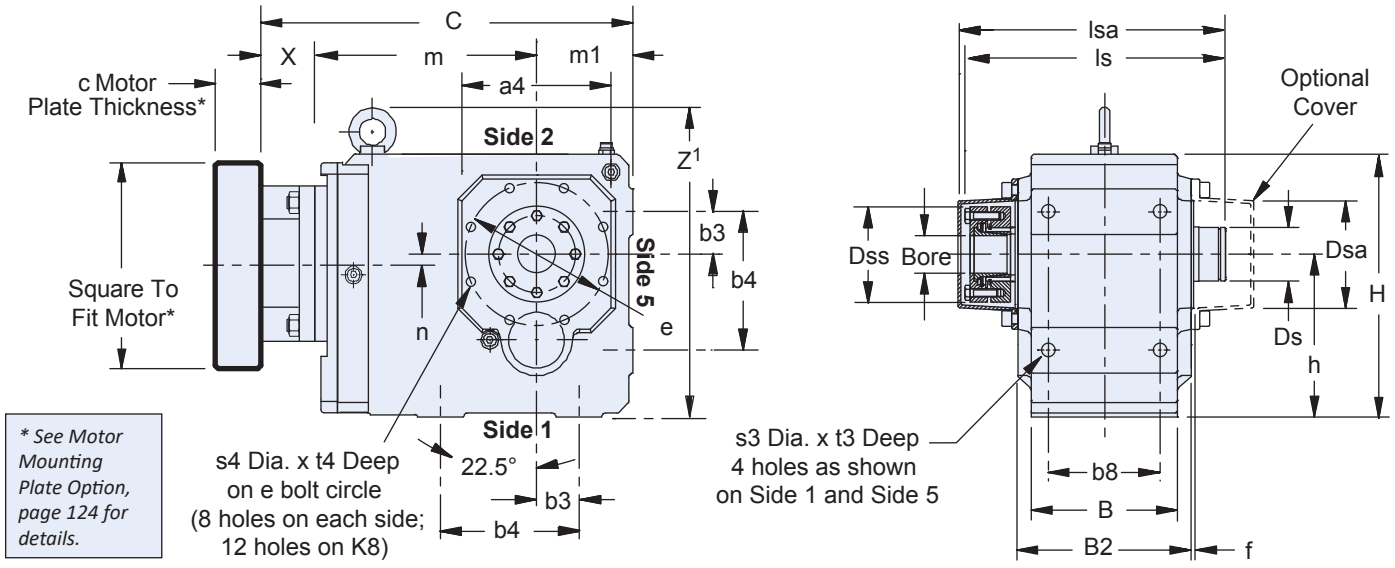
K102WG thru K403WG



** See Motor Mounting Plate Option, page 124 for details.*

Important: A **1/32"** x 45° chamfer minimum is recommended for the shaft end. The bushing will accept a shaft with a tolerance of +0.000/-0.005 inches.

K513WG thru K814WG



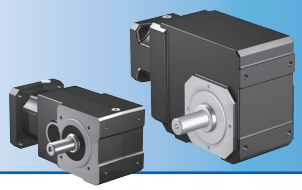
** See Motor Mounting Plate Option, page 124 for details.*

Table 3 Motor Adapter Dimensions (mm)

Motor Adapter	Thickness [2] c Min.	Motor Shaft d2 Max. [1]	X	Wt. lbs.
ME10	21	19	40	5
ME20	24	32	50	8
ME30	25	38	60	15
ME40	33	48	88	28
ME50	43	60	81.5	42

1) If an adapter bushing is required it will be supplied as a component of the motor mounting plate.

2) Motor plate maximum thickness (c) will vary with motor shaft length but will not be less than shown.



Dimensional Data

Table 1 K Series Unit Dimensions (mm) – "G" Pitch Circle Diameter (PCD) Tapped Holes

Unit	a4	B	B2	b3	b4	b8	Ds	Dsa	Dss	e	H	h	ls	lsa	m1	s3	s4	t3	t4	Z_1
K1	105	90	106	30	90	70	39	78	70	90	160	60	149	163	60	M8x1.25	M8x1.25	13	13	—
K2	116	115	134	35	115	90	44	88	78	100	190	65	178	193	65	M10x1.5	M8x1.25	16	16	—
K3	132	130	146	40	130	105	44	88	84	115	213	75	190	206	75	M10x1.5	M8x1.25	16	16	—
K4	152	148	173	50	155	120	54	110	97	130	240	90	220	243	90	M12x1.75	M10x1.5	19	19	—
K5	145	160	185	40	140	125	65	115	105	130	260	160	237	254	100	M16x2	M10x1.5	26	26	312
K6	180	168	200	50	160	130	74	127	118	165	310	190	254	276	120	M16x2	M10x1.5	26	26	362
K7	195	190	226	55	180	145	85	146	138	185	342	212	278	288	125	M20x2.5	M12x1.75	31	31	403
K8	226	235	282	75	240	185	100	176.5	158	215	410	265	352	363	145	M24x3	M12x1.75	38	38	471

Table 2 "WF" Single Side Bushing – Stock Bore Sizes

	Metric (mm)	Inches														
Unit	40	1	1-3/16	1-1/4	1-3/8	1-7/16	1-1/2	1-5/8	1-11/16	1-3/4	1-7/8	1-15/16	2	2-3/16	2-3/8	2-7/16	2-3/4
K1	—	WF1-100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
K2	—	WFK2-100	WFK2-103	WFK2-104	—	—	—	—	—	—	—	—	—	—	—	—	—
K3	—	WF3-100	WF3-103	WF3-104	WF3-106	WF3-107	WF3-108	—	—	—	—	—	—	—	—	—	—
K4	WF4-40	—	—	WF4-104	—	WF4-107	WF4-108	—	—	—	—	—	—	—	—	—	—
K5	WF5-40	—	—	—	—	WF5-107	WF5-108	—	—	—	—	WF5-115	WF5-200	—	—	—	—
K6	—	—	—	—	—	WF6-107	WF6-108	—	—	—	—	WF6-115	WF6-200	WF6-203	—	—	—
K7	—	—	—	—	—	—	—	—	—	—	—	WF7-115	WF7-200	—	WF7-206	—	—
K8	—	—	—	—	—	—	—	—	—	—	—	—	—	WF8-203	WF8-206	WF8-207	WF8-212

NOTE: *A complete bushing kit includes the locking ring assembly, tapered cone, support ring, and all hardware to mount the kit into the reducer. The WF1-100 bushing does not have a tapered cone. The optional cover caps can be ordered separately*

Table 4 K Series Unit Dimensions (mm)

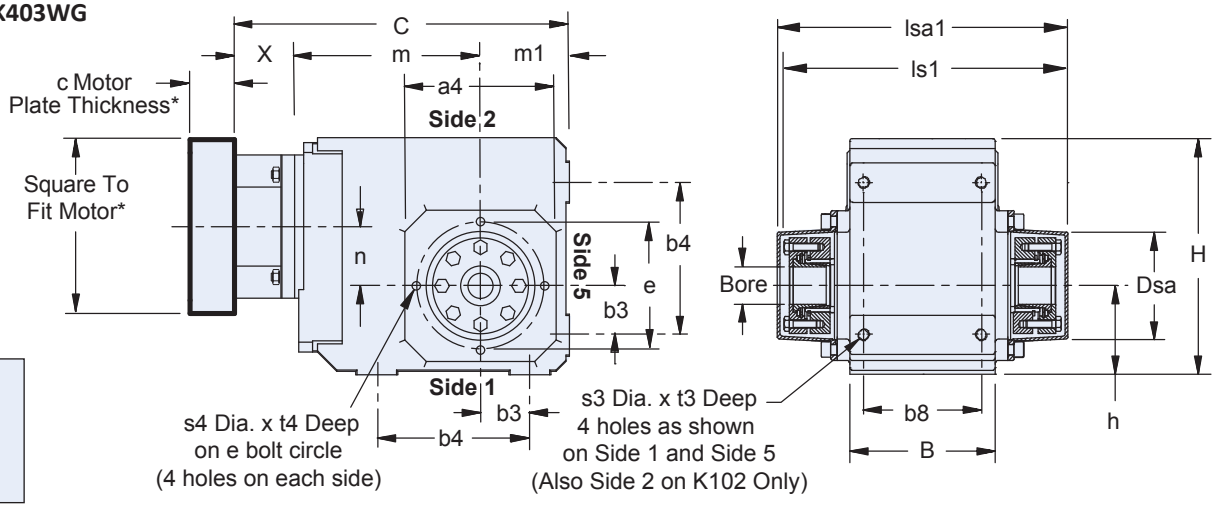
	ME10			ME20			ME30			ME40			ME50			Wt.
Unit	C	m	n	C	m	n	C	m	n	C	m	n	C	m	n	lbs.
K102	224	124	36	238	128	36	—	—	—	—	—	—	—	—	—	31
K202	248	143	46	262	147	46	274	149	46	—	—	—	—	—	—	40
K203	285	180	46	—	—	—	—	—	—	—	—	—	—	—	—	53
K302	278	163	52.5	292	167	52.5	304	169	52.5	—	—	—	—	—	—	67
K303	315	200	52.5	335	210	16	—	—	—	—	—	—	—	—	—	73
K402	—	—	—	327	187	60	339	189	60	370	192	60	—	—	—	93
K403	350	220	60	370	230	23	—	—	—	—	—	—	—	—	—	100
K513	—	—	—	322	172	15	334	174	15	365	177	15	—	—	—	106
K514	—	—	—	365	215	15	—	—	—	—	—	—	—	—	—	109
K613	—	—	—	361	191	18	373	193	18	404	196	18	411.5	210	18	170
K614	—	—	—	404	234	18	—	—	—	—	—	—	—	—	—	177
K713	—	—	—	—	—	—	406	221	20	437	224	20	443.5	237	20	221
K714	—	—	—	438	263	20	468	283	20	—	—	—	—	—	—	234
K813	—	—	—	—	—	—	452	247	24	482	249	24	488.5	262	24	309
K814	—	—	—	—	—	—	513	308	24	553	320	5	—	—	—	331

For approximate weight, add adapter weight from Table 3 and unit weight from Table 4.

K Series with DOUBLE "W" Wobble Free Bushing Output

"G" Pitch Circle Diameter (PCD) Tapped Holes

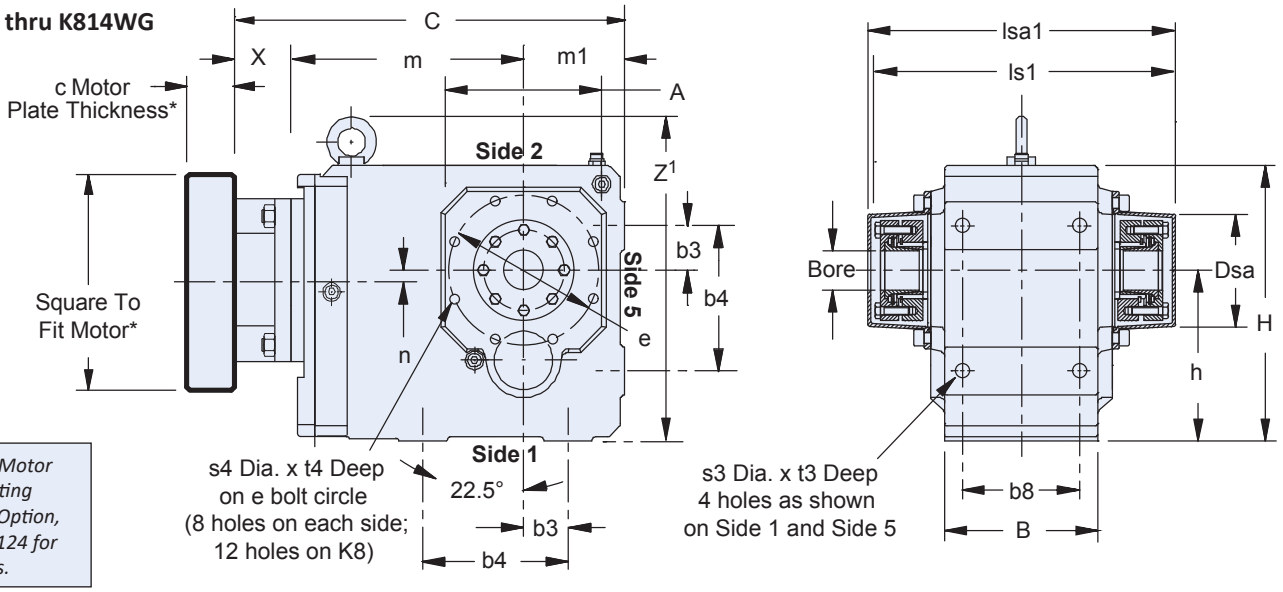
K102WG thru K403WG



** See Motor Mounting Plate Option, page 124 for details.*

Important: A **1/32"** x 45° chamfer minimum is recommended for the shaft end.
The bushing will accept a shaft with a tolerance of +0.000/-0.005 inches.

K513WG thru K814WG



** See Motor Mounting Plate Option, page 124 for details.*

Table 3 Motor Adapter Dimensions (mm)

Motor Adapter	Thickness [2] c Min.	Motor Shaft d2 Max. [1]	X	Wt. lbs.
ME10	21	19	40	5
ME20	24	32	50	8
ME30	25	38	60	15
ME40	33	48	88	28
ME50	43	60	81.5	42

1) If an adapter bushing is required it will be supplied as a component of the motor mounting plate.
2) Motor plate maximum thickness (c) will vary with motor shaft length but will not be less than shown.

Dimensional Data

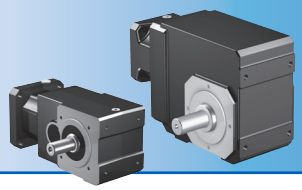


Table 1 K Series Unit Dimensions (mm) – "G" Pitch Circle Diameter (PCD) Tapped Holes

Unit	a4	B	b3	b4	b8	Dsa	e	H	h	ls1	lsa1	m1	s3	s4	t3	t4	Z[1]
K1	105	90	30	90	70	78	90	160	60	194	198	60	M8x1.25	M8x1.25	13	13	—
K2	116	115	35	115	90	88	100	190	65	226	238	65	M10x1.5	M8x1.25	16	16	—
K3	132	130	40	130	105	88	115	213	75	239	253	75	M10x1.5	M8x1.25	16	16	—
K4	152	148	50	155	120	110	130	240	90	281	295	90	M12x1.75	M10x1.5	19	19	—
K5	145	160	40	140	125	115	130	260	160	295	307	100	M16x2	M10x1.5	26	26	312
K6	180	168	50	160	130	127	165	310	190	322	336	120	M16x2	M10x1.5	26	26	362
K7	195	190	55	180	145	146	185	342	212	383	390	125	M20x2.5	M12x1.75	31	31	403
K8	226	235	75	240	185	176.5	215	410	265	458	474	145	M24x3	M12x1.75	38	38	471

Table 2 "WFB" Double Side Bushing – Stock Bore Sizes

	Metric (mm)	Inches															
Unit	40	1	1-3/16	1-1/4	1-3/8	1-7/16	1-1/2	1-5/8	1-11/16	1-3/4	1-7/8	1-15/16	2	2-3/16	2-3/8	2-7/16	2-3/4
K1	—	WFB1-100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
K2	—	WFBK2-100	WFBK2-103	WFBK2-104	—	—	—	—	—	—	—	—	—	—	—	—	—
K3	—	WFB3-100	WFB3-103	WFB3-104	WFB3-106	WFB3-107	WFB3-108	—	—	—	—	—	—	—	—	—	—
K4	WFB4-40	—	—	WFB4-104	—	WFB4-107	WFB4-108	—	—	—	—	—	—	—	—	—	—
K5	WFB5-40	—	—	—	—	WFB5-107	WFB5-108	—	—	—	—	WFB5-115	WFB5-200	—	—	—	—
K6	—	—	—	—	—	WFB6-107	WFB6-108	—	—	—	—	WFB6-115	WFB6-200	WFB6-203	—	—	—
K7	—	—	—	—	—	—	—	—	—	—	—	WFB7-115	WFB7-200	—	WFB7-206	—	—
K8	—	—	—	—	—	—	—	—	—	—	—	—	—	WFB8-203	WFB8-206	WFB8-207	WFB8-212

NOTE: *A complete bushing kit includes the locking ring assembly, tapered cone, support ring, and all hardware to mount the kit into the reducer. The WFB1-100 bushing does not have a tapered cone.*

Table 4 K Series Unit Dimensions (mm)

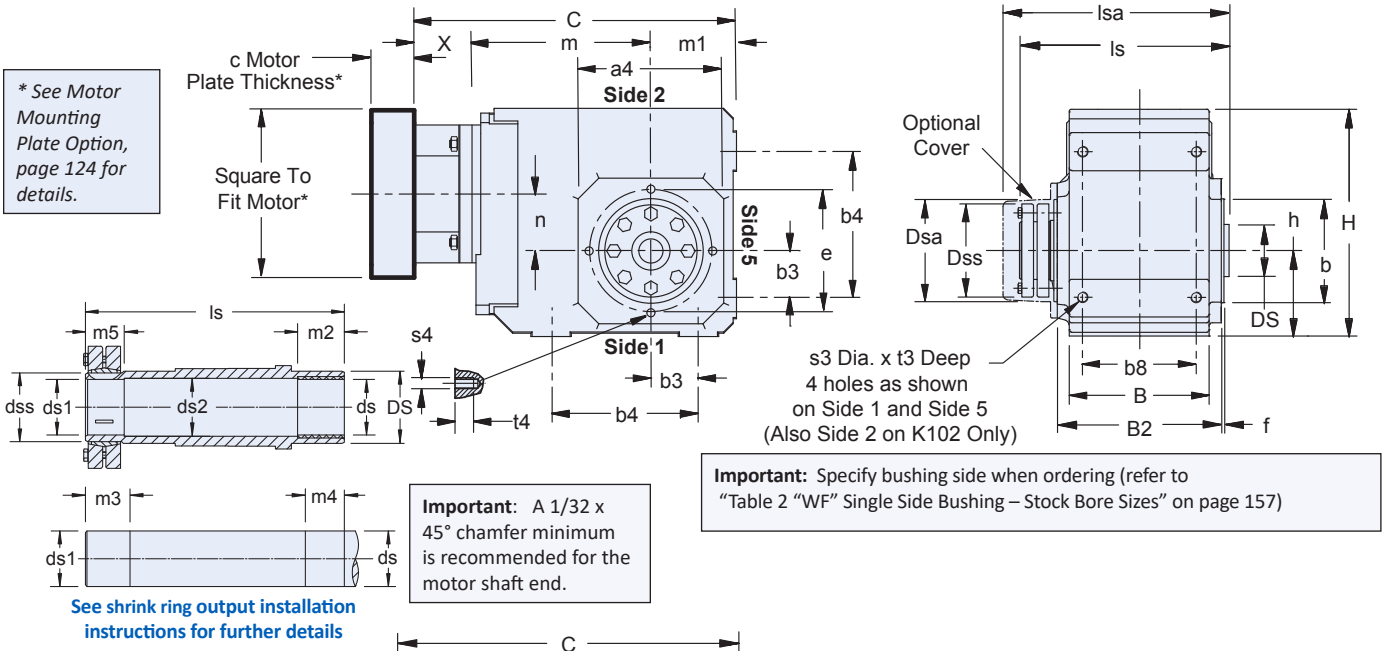
	ME10			ME20			ME30			ME40			ME50			Wt.
Unit	C	m	n	C	m	n	C	m	n	C	m	n	C	m	n	lbs.
K102	224	124	36	238	128	36	—	—	—	—	—	—	—	—	—	31
K202	248	143	46	262	147	46	274	149	46	—	—	—	—	—	—	40
K203	285	180	46	—	—	—	—	—	—	—	—	—	—	—	—	53
K302	278	163	52.5	292	167	52.5	304	169	52.5	—	—	—	—	—	—	67
K303	315	200	52.5	335	210	16	—	—	—	—	—	—	—	—	—	73
K402	—	—	—	327	187	60	339	189	60	370	192	60	—	—	—	93
K403	350	220	60	370	230	23	—	—	—	—	—	—	—	—	—	100
K513	—	—	—	322	172	15	334	174	15	365	177	15	—	—	—	106
K514	—	—	—	365	215	15	—	—	—	—	—	—	—	—	—	109
K613	—	—	—	361	191	18	373	193	18	404	196	18	411.5	210	18	170
K614	—	—	—	404	234	18	—	—	—	—	—	—	—	—	—	177
K713	—	—	—	—	—	—	406	221	20	437	224	20	443.5	237	20	221
K714	—	—	—	438	263	20	468	283	20	—	—	—	—	—	—	234
K813	—	—	—	—	—	—	452	247	24	482	249	24	488.5	262	24	309
K814	—	—	—	—	—	—	513	308	24	553	320	5	—	—	—	331

For approximate weight, add adapter weight from Table 3 and unit weight from Table 4.

K Series with "S" Shrink Ring Output

"G" Pitch Circle Diameter (PCD) Tapped Holes

K102SG thru K403SG



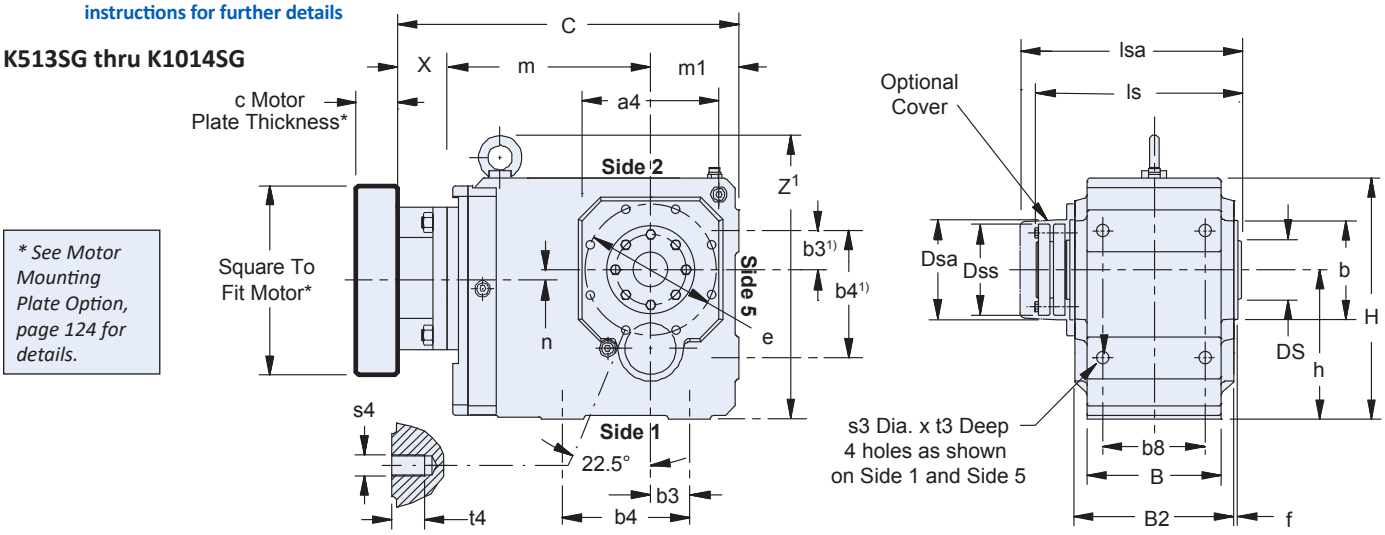
** See Motor Mounting Plate Option, page 124 for details.*

Important: A 1/32 x 45° chamfer minimum is recommended for the motor shaft end.

Important: Specify bushing side when ordering (refer to "Table 2 "WF" Single Side Bushing – Stock Bore Sizes" on page 157)

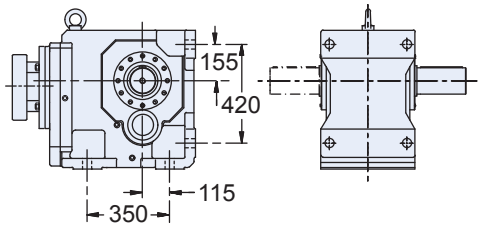
See shrink ring output installation instructions for further details

K513SG thru K1014SG



** See Motor Mounting Plate Option, page 124 for details.*

Size K10 Mounting Feet (Dimensions b3 and b4)



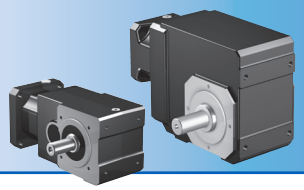
2) Mounting feet are integral on the K10 housing. Note that b3 = 155 and b4 = 420 on Side 5 of the K10. Hole locations are as shown above.

Table 3 Motor Adapter Dimensions (mm)

Motor Adapter	Thickness 3) c Min.	Motor Shaft d2 Max. 2)	X	Wt. lbs.
ME10	21	19	40	5
ME20	24	32	50	8
ME30	25	38	60	15
ME40	33	48	88	28
ME50	43	60	81.5	42

2) If an adapter bushing is required it will be supplied as a component of the motor mounting plate.

3) Motor plate maximum thickness (c) will vary with motor shaft length but will not be less than shown.



Dimensional Data

Table 1 K Series Unit Dimensions (mm) – "S" Shrink Ring Output

Unit	a4	B	B2	b	b4	b8	e	f	H	h	ls	lsa	m1	s3	s4	t3	t4	Z_1
K1	105	90	106	75_{j6}	90	70	90	3	160	60	149	163	60	M8x1.25	M8x1.25	13	13	—
K2	116	115	134	82_{j6}	115	90	100	3	190	65	178	193	65	M10x1.5	M8x1.25	16	16	—
K3	132	130	146	95_{j6}	130	105	115	3	213	75	190	206	75	M10x1.5	M8x1.25	16	16	—
K4	152	148	173	110_{j6}	155	120	130	3.5	240	90	220	243	90	M12x1.75	M10x1.5	19	19	—
K5	145	160	185	110_{j6}	140	125	130	3.5	260	160	237	254	100	M16x2	M10x1.5	26	26	312
K6	180	168	200	140_{j6}	160	130	165	3.5	310	190	254	276	120	M16x2	M10x1.5	26	26	362
K7	195	190	226	155_{j6}	180	145	185	3.5	342	212	278	314	125	M20x2.5	M12x1.75	33	31	403
K8	226	235	282	185_{j6}	240	185	215	4	410	265	352	378	145	M24x3	M12x1.75	38	38	471
K9	280	285	330	230_{j6}	280	225	265	5	495	315	418	428	180	M30x3.5	M16x2	48	48	565
K10	340	356	400	250_{h6}	350 [1]	330	300	5	591	375	483	497	225	39 [2]	10-M20	45	33	680

[1] *Mounting feet are integral on the K10 housing as shown in drawing, facing page. Note b3 = 155 and b4 = 420 on* **Side 5** *of the K10.*
[2] *s3 on K10 are thru holes, not tapped.*

Table 2 K Series Unit Dimensions (mm) – "S" Shrink Ring Output

				ds1									
Unit	b3	DS	ds	$Bore^{H7}$	Shaft	ds2	Dsa	Dss	dss	m2	m3	m4	m5
K1	30	40	25_{h9}	25	25_{h9}	25.5	80	60	30	20	34	25	29
K2	35	45	30_{h9}	30	30_{h9}	30.5	88	72	36	25	39	30	34
K3	40	50	35_{h9}	35	35_{h9}	35.5	101	80	44	30	39	35	34
K4	50	55	40_{h9}	40	40_{h9}	40.5	114	88	50	40	39	45	34
K5	40	65	50_{h9}	50	50_{h9}	50.5	116	106	62	40	44	45	39
K6	50	70	50_{h9}	50	50_{h9}	50.5	128	106	62	40	45	45	40
K7	55	85	60_{h6}	60	60_{h6}	62	161.5	138	75	40	45	45	40
K8	75	100	70_{h6}	70	70_{h6}	72	193	155	90	50	60	60	50
K9	95	120	90_{h6}	90	90_{h6}	92	244	200	120	60	70	70	60
K10	115[1]	130	100_{h6}	100	100_{h6}	102	274	230	130	60	80	70	70

[1] *Mounting feet are integral on the K10 housing as shown in drawing, facing page. Note F = 420 and FA = 155 on* **Side 5** *of the K10.*

Table 4 K Series Unit Dimensions (mm)

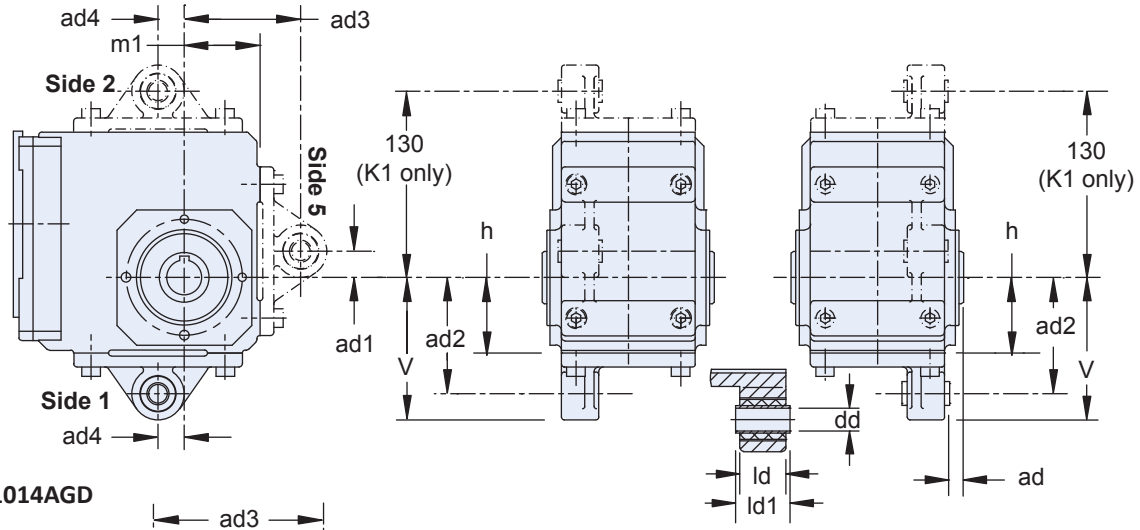
	ME10			ME20			ME30			ME40			ME50			Wt.
Unit	C	m	n	C	m	n	C	m	n	C	m	n	C	m	n	lbs.
K102	224	124	36	238	128	36	—	—	—	—	—	—	—	—	—	31
K202	248	143	46	262	147	46	274	149	46	—	—	—	—	—	—	40
K203	285	180	46	—	—	—	—	—	—	—	—	—	—	—	—	53
K302	278	163	52.5	292	167	52.5	304	169	52.5	—	—	—	—	—	—	67
K303	315	200	52.5	335	210	16	—	—	—	—	—	—	—	—	—	73
K402	—	—	—	327	187	60	339	189	60	370	192	60	—	—	—	93
K403	350	220	60	370	230	23	—	—	—	—	—	—	—	—	—	100
K513	—	—	—	322	172	15	334	174	15	365	177	15	—	—	—	106
K514	—	—	—	365	215	15	—	—	—	—	—	—	—	—	—	109
K613	—	—	—	361	191	18	373	193	18	404	196	18	411.5	210	18	170
K614	—	—	—	404	234	18	—	—	—	—	—	—	—	—	—	177
K713	—	—	—	—	—	—	406	221	20	437	224	20	443.5	237	20	221
K714	—	—	—	438	263	20	468	283	20	—	—	—	—	—	—	234
K813	—	—	—	—	—	—	452	247	24	482	249	24	488.5	262	24	309
K814	—	—	—	—	—	—	513	308	24	553	320	5	—	—	—	331
K913	—	—	—	—	—	—	—	—	—	562	294	25	568.5	307	25	508
K914	—	—	—	—	—	—	593	353	25	633	365	25	—	—	—	530
K1013	—	—	—	—	—	—	—	—	—	—	—	—	698.5	392	28	1055
K1014	—	—	—	—	—	—	—	—	—	763	450	28	781.5	475	28	1079

For approximate weight, add adapter weight from Table 3 and unit weight from Table 4.

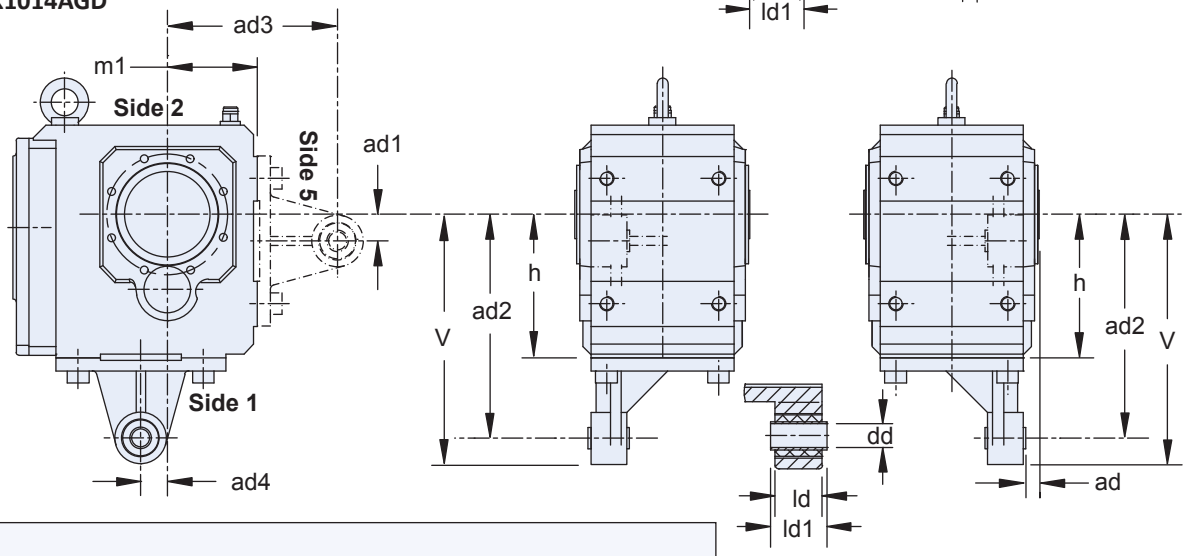
K Series with "A" Hollow Output

"GD" Torque Arm Bracket Housing (Torque arm supplied by others)

K102AGD thru K403AGD



K513AGD thru K1014AGD



Important:
On K102 thru K1014, brackets can be mounted on Side 1 (shown) or Side 5 (opposite input side). On K102 ONLY, the bracket can also be mounted on Side 2 (top).

Table 1 K Series Unit Dimensions (mm) — "GD" Torque Arm Bracket Housing Option

Unit	ad	ad1	ad2	ad3	ad4	dd	h	ld	ld1	m1	V
K1	13	15	90	90	15	12_{H9}	60	24	28	60	111.5
K2	13.5	22.5	100	100	22.5	16_{H9}	65	32	38	65	122.5
K3	12	25	120	120	25	16_{H9}	75	32	38	75	142.5
K4	17	27.5	150	150	27.5	20_{H9}	90	40	46	90	177.5
K5	17	30	250	190	30	20_{H9}	160	40	46	100	279
K6	20.5	30	250	180	30	20_{H9}	190	40	46	120	279
K7	23	35	300	213	35	20_{H9}	212	64	70	125	334
K8	26	45	350	230	45	24_{H9}	265	102	115	145	386
K9	26	45	450	315	45	24_{H9}	315	102	115	180	487.5
K10	6	55	550	400	60	40_{H9}	375	118	124	225	610

Dimensional Data

Optional "F" Round Flange Housing Options for K Series

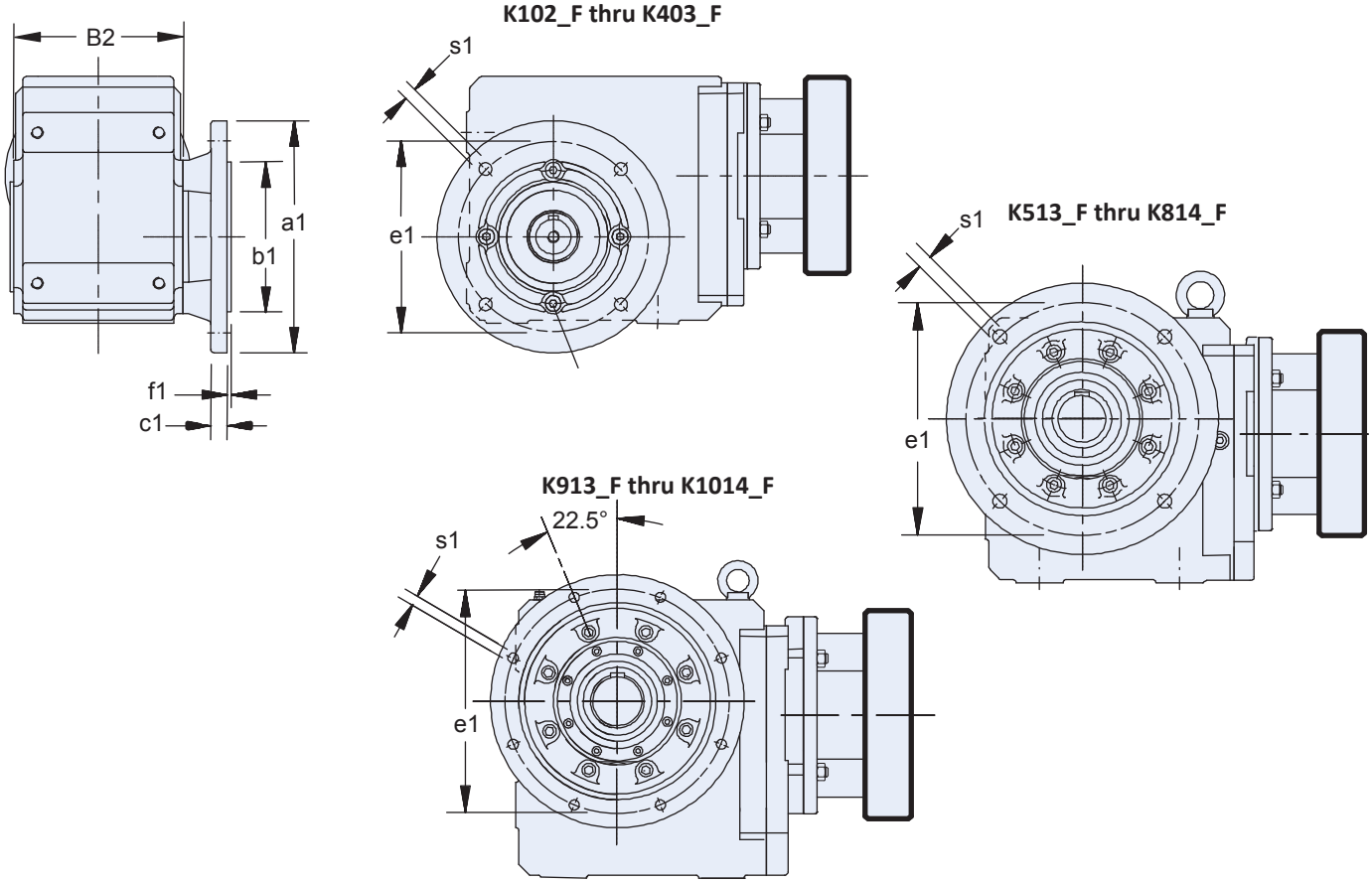


Table 1 K Series – Optional Flange Dimensions (mm)

Unit	Flange Size a1	b1	B2	c1	e1	f1	s1
K1	140	95_{j6}	106	10	115	3	9
	160 *	110_{j6}	106	10	130	3.5	9
K2	160	110_{j6}	134	12	130	3.5	9
	200 *	130_{j6}	134	12	165	3.5	11
K3	160	110_{j6}	146	14	130	3.5	9
	200 *	130_{j6}	146	14	165	3.5	11
	250	180_{j6}	146	14	215	4	14
K4	250 *	180_{j6}	173	15	215	4	14
K5	250 *	180_{j6}	185	15	215	4	14
K6	300 *	230_{j6}	200	17	265	4	14
K7	350 *	250_{h6}	226	18	300	5	18
K8	350	250_{h6}	282	18	300	5	18
	400 *	300_{h6}	282	20	350	5	18
	450	350_{h6}	282	20	400	5	18
K9	450 *	350_{h6}	330	23	400	5	18
K10	550	450_{h6}	400	25	500	5	18

** Asterisk indicates standard flange diameter. For other diameters, specify at the time of ordering.*