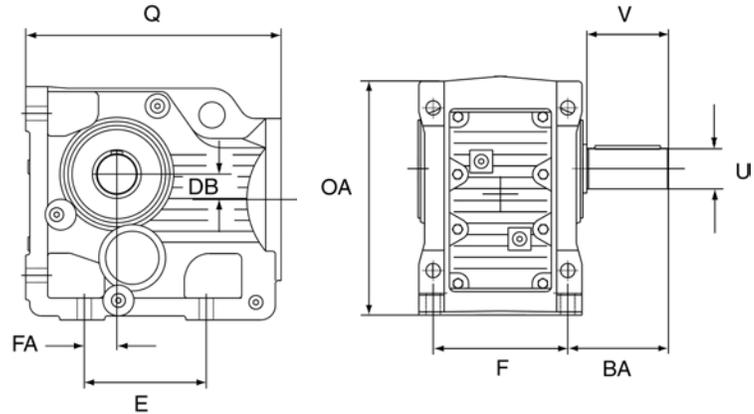


Technical Note

Helical Bevel 7-Series vs. 6-Series Dimensions

K Style – Foot Mounted

<u>Old</u>	<u>New</u>
	K37 (new size)
K46 ⇒	K47
	K57 (new size)
K66 ⇒	K67
K76 ⇒	K77
K86 ⇒	K87



Dimensions are millimeters unless otherwise indicated.

Size	Torque Max (lb-in)	Ratio Range	Number of Ratios	BA	DB	E	F	FA	OA	Q	*U	V
K37	1770	5.36 – 106.38	(25)	60	8.5	110	100	28	164	202	1.000" 25	50
K47**	3540	5.81 – 131.87	(30)	75	7.2	130	120	35	186	237	1.250" 30	60
K46	2655	5.90 – 106.44	(21)	75	16.4	130	120	35	195	220	1.250" 30	60
K57	5310	6.57 – 145.14	(27)	88	13.1	130	130	30	217	253	1.375" 35	70
K67*	7257	7.28 – 144.79	(26)	101	20	120	140	30	228	269	1.625" 40	80
K66	3983	6.05 – 140.72	(23)	91	12.2	120	140	30	225	252	1.375" 35	70
K77*	13718	7.24 – 192.18	(30)	123.5	31.3	150	165	40	288	314	2.000" 50	100
K76	7965	6.76 – 133.38	(23)	113.5	19	150	165	40	285	306	1.750" 45	90
K87	23895	7.21 – 197.37	(28)	150	25.9	180	180	55	340	389	2.375" 60	120
K86	15930	12.02 – 165.28	(19)	150	20.4	180	180	55	338	354	2.375" 60	120

indicates dimensional change

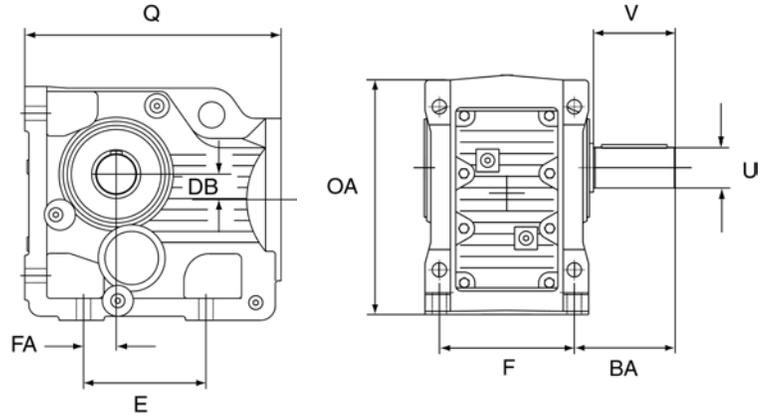
* The K67 is available with 1.375" or 35 mm shafts for replacements. The K77 is available with 1.750" or 45 mm shafts for replacements.

** The input dimension on a K47 is 160 mm. The input dimension on a K46 is 120 mm.

Technical Note

K Style – Foot Mounted

Old New
 K96 ⇒ K97
 K106 ⇒ K107
 K126 ⇒ K127
 K156 ⇒ K157



Dimensions are millimeters unless otherwise indicated.

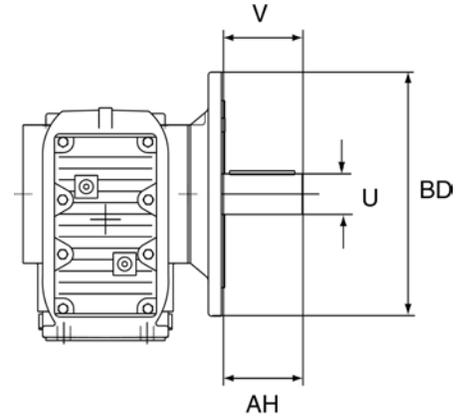
Size	Torque Max (lb-in)	Ratio Range	Number of Ratios	BA	DB	E	F	FA	OA	Q	U	V
K97	38055	8.71 – 176.05	(25)	171	32.3	240	240	75	417	437	2.875"	140
K96	26550	9.62 – 153.78	(19)	171	28.3	240	240	75	413	429	2.875"	140
K107	70800	8.69 – 143.47	(24)	212	52	280	270	95	503	541	3.625"	170
K106	53100	10.29 – 130.16	(20)	212	50	280	270	95	494	511	3.625"	170
K127	115050	8.68 – 146.07	(21)	253	53	350	330	115	592	615	4.375"	210
K126	88500	9.60 – 129.15	(14)	253	58	350	330	115	595	610	4.375"	210
K157	159300	12.65 – 150.41	(17)	247	71.7	380	420	140	705	706	4.750"	210
K156	141600	14.77 – 142.92	(11)	246	57	380	420	140	708	682	4.750"	210

indicates dimensional change

Technical Note

KF Style - Flange Mounted

Old		New
		KF37 (new size)
KF46	⇒	KF47
		KF57 (new size)
KF66	⇒	KF67
KF76	⇒	KF77
KF86	⇒	KF87
KF96	⇒	KF97
KF106	⇒	KF107
KF126	⇒	KF127
KF156	⇒	KF157



Size	AH	BD	U*	V
KF37	50	160	1.000" 25	50
KF47**	60	200	1.250" 30	60
KF46	60	200	1.250" 30	60
KF57	70	250	1.375" 35	70
KF67*	80	250	1.625" 40	80
KF66	70	250	1.375" 35	70
KF77*	100	300/250	2.000" 50	100
KF76	90	250	1.750" 45	90

Dimensions are millimeters unless otherwise indicated.

Size	AH	BD	U	V
KF87	120	350	2.375" 60	120
KF86	120	350	2.375" 60	120
KF97	140	450	2.875" 70	140
KF96	140	450	2.875" 70	140
KF107	170	450	3.625" 90	170
KF106	170	450	3.625" 90	170
KF127	210	550	4.375" 110	210
KF126	210	550	4.375" 110	210
KF157	210	660	4.750" 120	210
KF156	210	660	4.750" 120	210

indicates dimensional change

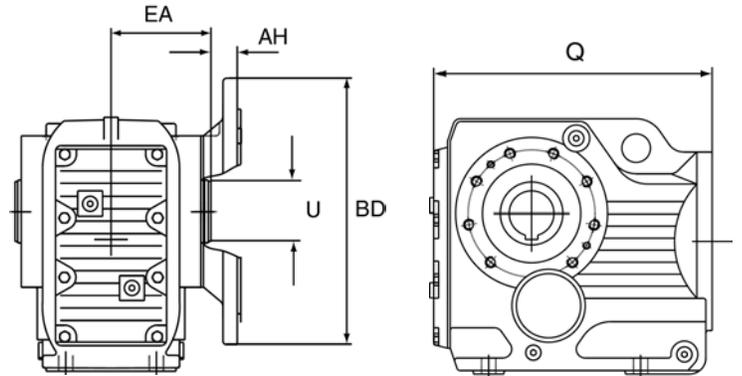
* The KF67 is available with a 1.375" shaft for replacements. The KF77 is available with a 1.750" shaft for replacements.

** The input dimension on a KF47 is 160 mm. The input dimension on a KF46 is 120 mm.

Technical Note

KA Style – Hollow Shaft Mounted

Old	New
	KA37 (new size)
KA46 ⇒	KA47
	KA57 (new size)
KA66 ⇒	KA67
KA76 ⇒	KA77
KA86 ⇒	KA87
KA96 ⇒	KA97
KA106 ⇒	KA107
KA126 ⇒	KA127
KA156 ⇒	KA157



Dimensions are millimeters unless otherwise indicated.

Size	EA	Q	AH	BD	U
KA/KAF37	60	210	24	160	1.250" 30
KA/KAF47**	75	243	25	200	1.375" 35
KA/KAF46	94	221	-	200	1.375" 35
KA/KAF57	83	269	23.5	250	1.500" 40
KA/KAF67	90	273	23	250	1.500" 40
KA/KAF66	113	252	-	250	1.500" 40
KA/KAF77	105	311	37	300/250	2.000" 50
KA/KAF76	142	306	-	250	2.000" 50

Size	EA	Q	AH	BD	U*
KA/KAF87	120	389	30	350	2.375" 60
KA/KAF86	147	354	-	350	2.375" 60
KA/KAF97	150	435	41.5	450	2.750" 70
KF96	191.5	429	-	450	2.750" 70
KA/KAF107*	175	537	41	450	3.625" 90
KA/KAF106	215.5	511	-	450	3.250" 80
KA/KAF127	205	615	51	550	4.000" 100
KA/KAF126	256	610	-	550	4.000" 100
KA/KAF157	250	706	60	660	4.500" 120
KA/KAF156	309	682	-	660	- 120

indicates dimensional change

* The KAF107 is available with a 3.250" shaft for replacements.

** The input dimension on a K47 is 160 mm. The input dimension on a K46 is 120 mm.

Note: If the unit is shaft-mounted with a torque arm, the 7-series torque arms are not interchangeable with the 6-series. The 7-series has 4 mounting holes; the 6-series has 3 holes.